

BEFORE THE INDUSTRIAL COMMISSION
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF A HEARING CALLED ON A MOTION OF
THE COMMISSION TO CONSIDER THE APPLICATION OF
CONTINENTAL OIL COMPANY FOR AN ORDER FINDING
THAT THE PLAN OF UNITIZATION FOR THE DICKINSON
HEATH SAND UNIT HAS BEEN SIGNED, RATIFIED OR
APPROVED BY LESSEES AND ROYALTY OWNERS OWNING
THE REQUIRED PERCENTAGE INTEREST IN AND TO THE
UNIT AREA OF SAID UNIT, AND PRESCRIBING CERTAIN
ADMINISTRATIVE PROCEDURES AND SPECIAL OPERATING
RULES FOR SAID UNIT LOCATED IN TOWNSHIPS 140 AND
139 NORTH, RANGE 97 WEST, AND TOWNSHIP 140 NORTH,
RANGE 96 WEST, STARK COUNTY, NORTH DAKOTA.

CASE NO. 1121
ORDER NO. 1202

ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 9:30 a.m. on the 13th day of March, 1973, at Bismarck, North Dakota, before the Industrial Commission of the State of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 13th day of March, 1973, the Commission, a quorum being present, having considered the testimony adduced and the exhibits received at said hearing and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given, as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the Commission, by Order No. 1186, dated November 30, 1972, amended and approved the Plan of Unitization for the Dickinson Heath Sand Unit proposed by Continental Oil Company.
- (3) That the Plan of Unitization for the Dickinson Heath Sand Unit has now been signed, ratified or approved by those persons who will be required to pay at least eighty percent of the costs of unit operations, and also by the owners of at least eighty percent of the production or proceeds thereof that will be credited to interests which are free of cost, all as required by Section 38-08-09.5 of the North Dakota Century Code.
- (4) That in order to promote the efficient operation of the Dickinson Heath Sand Unit, the Commission should prescribe certain administrative procedures and special operating rules.

IT IS THEREFORE ORDERED:

(1) That the Dickinson Heath Sand Unit, Stark County, North Dakota shall become effective at 7:00 a.m. on the ¹⁵~~14~~th day of March, 1973.

(2) That the following administrative procedures and special operating rules shall apply to the operation of wells in the Dickinson Heath Sand Unit:

A. Definitions

(a) The term "producing well" as used herein means any well in the Dickinson Heath Sand Unit area capable of producing fluid hydrocarbons from the Heath Sand Reservoir.

(b) The term "injection well" as used herein means any well used by the Dickinson Heath Sand Unit for the purpose of injecting water into the Heath Formation underlying the Dickinson Heath Sand Unit.

B. Injection of Water

(a) Injection of water into the Heath Sand Reservoir underlying the Dickinson Heath Sand Unit by the Unit Operator for the purpose of increasing oil recovery is hereby authorized.

(b) Rules 702, 703, and 704 of the General Rules and Regulations of this Commission shall apply with respect to all injection wells.

C. Location of Wells

(a) The location of all producing wells and injection wells drilled or converted after the effective date of the rule shall be subject to the approval of the State Geologist.

(b) In order to assure the optimum location of producing wells and injection wells for the most efficient operation of the project, the unit operator shall be allowed to drill wells at any location within the Dickinson Heath Sand Unit area as the same is now or may hereafter be defined provided no well is located closer than 500 feet from the Dickinson Heath Sand Unit boundary lines.

D. Well Tests and Surveys

(a) All unit wells be exempt from any Commission rule or order providing for gas-oil ratio surveys or production tests.

(b) To maintain surveillance of bottom hole pressure performance, the unit operator shall observe pumping bottom hole pressures from time to time as deemed necessary and the findings reported to the State Geologist.

E. Water Injection Wells

(a) The Unit Operator is authorized to use the following described wells to inject water into the Dickinson Heath Sand Reservoir after the effective date of the unit:

North American Royalties Miller No. 1
SW SE Sec. 17-T140N-R96W

North American Royalties Ermanttrout No. 1
SW NW Sec. 20-T140N-R96W

Cardinal Petroleum Co. Ridl No. 15-19
SW SE Sec. 19-T140N-R96W

Cardinal Petroleum Co. Head-Wock No. 15-21
SW SE Sec. 21-T140N-R96W

Union Oil Co. State No. 1
SW SE Sec. 32-T140N-R96W

Continental Oil Co. Kostelecky No. 4
SW NW Sec. 33-T140N-R96W

Continental Oil Co. Zahradnik No. 3
SE SE Sec. 27-T140N-R97W

Continental Oil Co. Karsky-Buresh No. 1
SE SE Sec. 26-T140N-R97W

Superior Oil Co. Zahradnik No. 1
SW NW Sec. 30-T140N-R96W

Cardinal Petroleum Co. Frenzel-FLB No. 5-31
SW NW Sec. 31-T140N-R96W

Shell Oil Co. Vozabel No. 44-33
SE SE Sec. 33-T140N-R97W

Continental Oil Co. Zander-Anderson No. 1
SE NW Sec. 34-T140N-R97W

Shell Oil Co. Steffan No. 22-2
SE NW Sec. 2-T139N-R97W

(b) The Unit Operator may hereafter, from time to time, use additional wells for the purpose of injecting water into the Dickinson Heath Sand Reservoir upon approval by the State Geologist. The application for such approval shall be accompanied by a plat showing the location of such wells together with the casing program and method of preparation of the well or wells for injection.

F. Well Name Changes

To promote the efficient operation of the Unit, the official well names of all unit wells shall be changed to show their unit designation, and the State Geologist shall change the name of the well name register and official records to reflect such changes. Under the circumstances of this case, the fee prescribed by Rule 12 of the General Rules and Regulations of this Commission is waived, the Unit shall be required to pay the actual cost of making such well name changes.

(3) That these rules shall become effective on the ¹⁵~~14~~th day of March, 1973.

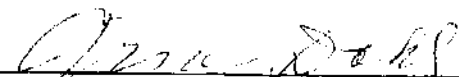
(4) That this order shall remain in full force and effect until further order of the Commission.

DONE, at Bismarck, North Dakota, this 13th day of March, 1973.

NORTH DAKOTA INDUSTRIAL COMMISSION


Arthur A. Link, Governor


Allen I. Olson, Attorney General


Arne Dahl, Commissioner of Agriculture



Continental Oil Company
1755 Glenarm Place
Denver, Colorado 80202
(303) 534-2100

November 6, 1975

CASE 1121

State Geologist
North Dakota Industrial Commission
University Station
Grand Forks, North Dakota 58201

Re: Dickinson Heath Sand Unit
Contract Number 17237
Stark County, North Dakota

Dear Sir:

Enclosed are two copies of the most recent revisions of Exhibits "C" and "D" pertaining to the Dickinson Heath Sand Unit, Stark County, North Dakota. The Exhibit "D" Revision is dated June 1, 1975, with certain pages corrected 9/15/75 and page 40 corrected on 10/1/75. The Exhibit "C" has an effective date of 4/15/75 with revised pages dated 8/29/75 and 10/1/75.

Yours truly,

Loran A. Johnson (by eh)

Loran A. Johnson
Land Section, Denver Division

eh
Enc

CC: W. C. Blackburn, Casper, Wyo

EXHIBIT "C"

DICKINSON HEATH SAND UNIT

Attached to and made a part of the Dickinson Heath Plan of Unitization:

Note: Tract 13 - Paid Out and Interests Changed - August 1, 1974

Tract 26 - Paid Out and Interests Changed - April 15, 1975

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Bomac Exploration Company	26	8.66666%	.0011548	.0013590
M. R. Canon (C.W.I. - Conoco)	6	7.45258%	.0000103	.0001440
Central Oil Company	26	38.75%	.0051631	.0060766
Cities Service Oil Company	20	25%	.0011164	.0049329
	35	25%	<u>.0006293</u>	<u>.0020314</u>
Totals			.0017457	.0069643
Continental Oil Company	2	34.5781%	.0022264	.0064380
	5	11.52604%	.0000642	.0008996
	6	58.30577%	.0000804	.0011265
	8	12.5%	.0000680	.0009524
	9	50%	.0094061	.0106033
	10	50%	.0212511	.0310580
	12	50%	.0209808	.0232530
	13	47.57812%	.0182380	.0116447
	14	30.46875%	.0156965	.0209467
	15	50%	.0015691	.0094971
	17	73.76625%	.0127574	.0196301
	18	51.5625%	.0004415	.0061820
	22	100%	.0000138	.0001927
	23	100%	.0067652	.0054512
	24	50%	.0134075	.0065021
	25	69.15625%	.0000350	.0004909
	26	12.5%	.0016655	.0019602

Effective 4-15-75
Revised 8-29-75

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Continental Oil Company	27	50%	.0180664	.0169800
	28	50%	.0188122	.0270088
	29	69.15625%	.0000866	.0012125
	31	75%	.0408824	.0210975
	34	100%	.0404603	.0275386
	36	75%	.0039495	.0094661
	38	75%	.0016955	.0050909
	39	80.136%	.0044477	.0120162
	40	100%	.0066458	.0018212
	41	50%	.0000024	.0000341
	43	69.15625%	.0000154	.0002162
	46	50%	.0013063	.0046747
	47	75%	.0300471	.0191803
	48	13.12254%	.0052085	.0026600
	50	18.75%	.0107468	.0065437
	51	62.5%	.0008495	.0053533
	52	18.75%	.0162566	.0080071
	53	100%	.0277060	.0182180
	54	25.0625%	.0000085	.0001184
	55	50%	.0000447	.0006249
	56	4.6875%	.0011354	.0003476
	60	8.59375%	.0000223	.0003121
	61	7.14286%	.0042178	.0016967
	62	5.357142%	.0028415	.0009932
	63	100%	<u>.0001357</u>	<u>.0019002</u>
Totals			.3602574	.3499408
Felmont Oil Corporation	2	0.7569%	.0000487	.0001409
	5	0.25231%	.0000014	.0000197
	6	1.27632%	.0000018	.0000247
	13	3.125%	.0011979	.0007648
	14	18.75%	.0096593	.0128903

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Felmont Oil Corporation	18	18.75%	.0001606	.0022480
	25	1.51383%	.0000008	.0000108
	29	1.51383%	.0000019	.0000266
	43	1.51383%	<u>.0000003</u>	<u>.0000047</u>
Totals			.0110727	.0161305
A. G. Golden	48	1.5625%	.0006202	.0003167
G. G. Green	26	2.58334%	.0003442	.0004051
Helmerich & Payne, Inc.	56	23.4375%	.0056768	.0017383
Louis W. Hill, Jr.	2	3.0515%	.0001965	.0005682
	5	1.01717%	.0000057	.0000794
	6	5.14545%	.0000071	.0000994
	13	15.85938%	.0060794	.0038816
	14	10.15625%	.0052321	.0069823
	17	10.444375%	.0018063	.0027794
	18	7.03125%	.0000602	.0008430
	25	6.103%	.0000031	.0000433
	29	6.103%	.0000076	.0001070
	31	12.5%	.0068137	.0035163
	36	12.5%	.0006583	.0015777
	38	12.5%	.0002826	.0008485
	43	6.103%	.0000014	.0000191
	47	10.9375%	.0043819	.0027971
	48	15.02991%	.0059656	.0030466
	50	20.3125%	.0116423	.0070890
	51	11.42578%	.0001553	.0009786
	52	40.625%	.0352228	.0173487
	56	1.1719%	.0002838	.0000869
	57	25%	.0001072	.0015006
	59	23.30781%	.0000230	.0003216
	60	13.671875%	.0000354	.0004966

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Louis W. Hill, Jr.	61	5.35714%	.0031633	.0012726
	62	4.017856%	<u>.0021311</u>	<u>.0007449</u>
Totals			.0842657	.0570284
Huston Huffman	56	4.6875%	.0011353	.0003477
	60	2.34375%	<u>.0000061</u>	<u>.0000851</u>
Totals			.0011414	.0004328
Hunt Petroleum Corporation	48	25%	.0099229	.0050676
Estate of H. L. Hunt	21	2.5%	.0000950	.0002420
	37	2.5%	<u>.0007049</u>	<u>.0008106</u>
Totals			.0007999	.0010526
JaBar Pipe Company (Helmerich & Payne)	60	11.71875%	.0000304	.0004257
Clyde W. Jones	16	.82236%	.0000729	.0001808
	17	.8225%	.0001422	.0002189
	18	1.5625%	<u>.0000134</u>	<u>.0001873</u>
Totals			.0002285	.0005870
Linda K. Jones	16	.82237%	.0000728	.0001808
	17	.8225%	.0001422	.0002189
	18	1.5625%	<u>.0000134</u>	<u>.0001874</u>
Totals			.0002284	.0005871
Gene C. Litch (C.W.I. - Conoco)	5	8.33333%	.0000465	.0006504
Lone Star Producing Company	42	100%	.0089000	.0050399
	44	100%	.0000022	.0000306
	54	74.9375%	.0000253	.0003541
	55	50%	<u>.0000446</u>	<u>.0006249</u>
Totals			.0089721	.0060495
Vincent and Mary Marsh (C.W.I. - Conoco)	25A	28.755%	.0000701	.0009804
Eva Loran (C.W.I. - Conoco)	25A	14.285%	.0000350	.0004901

Effective 4-15-75
Revised 8-29-75

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Otto Marsh (C.W.I. - Conoco)	25A	14.285%	.0000350	.0004901
Adam Marsh (C.W.I. - Conoco)	25A	14.285%	.0000350	.0004901
Ella Mulholland (C.W.I. - Conoco)	25A	14.285%	.0000350	.0004901
Martha Nichoff (C.W.I. - Conoco)	25A	14.285%	<u>.0000350</u>	<u>.0004901</u>
Total Marsh Group (Carried by Conoco)			.0002451	.0034309
J. Hiram Moore	39	19.864%	.0011025	.0029785
	51	2.34375%	.0000319	.0002007
(J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust)	59	5.20625%	.0000051	.0000718
	61	5.95240%	.0035148	.0014140
	62	4.464295%	<u>.0023679</u>	<u>.0008277</u>
Totals			.0070222	.0054927
Phillips Petroleum Company	13	15.85938%	.0060793	.0038816
	14	10.15625%	.0052321	.0069823
	16	98.35527%	.0087105	.0216225
	17	14.144375%	.0024462	.0037640
	18	7.03125%	.0000602	.0008430
	20	25%	.0011165	.0049329
	21	97.5%	.0037043	.0094374
	31	12.5%	.0068137	.0035163
	32	100%	.0008423	.0097316
	35	25%	.0006293	.0020313
	36	12.5%	.0006583	.0015777
	37	97.5%	.0274922	.0316144
	38	12.5%	.0002826	.0008485
	46	50%	.0013063	.0046746
	47	14.0625%	.0056338	.0035963
	48	45.28505%	.0179744	.0091794
	49	100%	.0110967	.0222063

Effective 4-15-75
Revised 8-29-75

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Phillips Petroleum Company	50	60.9375%	.0349270	.0212671
	51	23.73047%	.0003225	.0020326
	52	40.625%	.0352228	.0173486
	56	66.0156%	.0159896	.0048962
	57	75%	.0003215	.0045017
	58	100%	.0000482	.0006745
	59	71.48594%	.0000705	.0009863
	60	63.671875%	.0001652	.0023126
	61	57.14286%	.0337421	.0135740
	62	77.34373%	<u>.0410241</u>	<u>.0143394</u>
Totals			.2619122	.2223731
Joe and Lillian Ridl (C.W.I. - Conoco)	30	100%	.0002781	.0038926
Shell Oil Company	1	100%	.0000343	.0004796
	2	61.6135%	.0039669	.0114717
	3	100%	.0069305	.0144771
	5	3.87115%	.0000216	.0003021
	6	19.58266%	.0000270	.0003784
	7	100%	.0153918	.0107250
	8	87.5%	.0004763	.0066672
	9	50%	.0094060	.0106033
	10	50%	.0212511	.0310579
	11	100%	.0178525	.0483440
	12	50%	.0209809	.0232531
	13	17.57812%	.0067382	.0043023
	14	30.46875%	.0156964	.0209467
	24	50%	.0134074	.0065020
	25	23.22692%	.0000118	.0001649
	26	25%	.0033310	.0039204
	27	50%	.0180664	.0169801
	28	50%	.0188122	.0270088
	29	23.22692%	.0000291	.0004072

Effective 4-15-75
Revised 10-1-75

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Shell Oil Company	41	50%	.0000025	.0000340
	43	23.22692%	.0000052	.0000726
	64*	100%	<u>.0000001</u>	<u>.0000004</u>
Totals			.1724392	.2380988
Hudson Smart (C.W.I. - Conoco)	18	12.5%	.0001071	.0014987
Superior Oil Company	15	50%	.0015691	.0094971
	20	50%	.0022329	.0098659
	26	12.5%	.0016655	.0019602
	33	100%	.0284200	.0192818
	35	50%	.0012585	.0040627
	45	100%	<u>.0001858</u>	<u>.0026014</u>
Totals			.0353318	.0472691
Union Oil Company	4	100%	.0000009	.0000127
	5	75%	.0004181	.0058535
	19	100%	.0114521	.0093428
	65	100%	<u>.0000134</u>	<u>.0001879</u>
Totals			.0118845	.0153969
I. J. Wilhite (C.W.I. - Conoco)	6	8.23722%	.0000114	.0001591

Tracts 61 and 62 Subgroup - Unleased
(Carried by Phillips if Default)

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Theodore Kellogg	61	0.85938%	.0005075	.0002041
	62	0.644545%	<u>.0003418</u>	<u>.0001195</u>
Totals			.0008493	.0003236

* Includes two other small interests totaling 1.97265% of Tract No. 64.

<u>Lessees</u>	<u>Tract No.</u>	<u>Interest In Tract</u>	<u>Participation Phase I</u>	<u>Phase II</u>
Ward M. Kirby	61	1.71875%	.0010149	.0004083
	62	1.289062%	<u>.0006837</u>	<u>.0002390</u>
Totals			.0016986	.0006473
Paul G. Kloster	61	1.43229%	.0008457	.0003402
	62	1.074214%	<u>.0005698</u>	<u>.0001991</u>
Totals			.0014155	.0005393
E. F. and Gladys M. Rakowski	61	1.26488%	.0007469	.0003005
	62	0.948655%	<u>.0005032</u>	<u>.0001759</u>
Totals			.0012501	.0004764
Jacob and Kathryn Shank	61	12.64880%	.0074690	.0030046
Gordon W. Schnell	61	0.85937%	.0005074	.0002041
	62	0.644531%	<u>.0003419</u>	<u>.0001195</u>
Totals			.0008493	.0003236
Johnnie L. Service	61	1.19047%	.0007030	.0002828
	62	0.892859%	<u>.0004736</u>	<u>.0001655</u>
Totals			.0011766	.0004483
John L. Sherman	61	0.85938%	.0005075	.0002041
	62	0.644531%	<u>.0003419</u>	<u>.0001195</u>
Totals			.0008494	.0003236
The Home Stake Royalty Corporation	61	1.78571%	.0010544	.0004242
	62	1.339286	<u>.0007104</u>	<u>.0002483</u>
Totals			.0017648	.0006725
The Home Stake Oil & Gas Company	61	1.78571%	.0010544	.0004242
	62	1.339286	<u>.0007104</u>	<u>.0002483</u>
Totals			.0017648	.0006725
Total - Subgroup			<u>.0237200</u>	<u>.0091970</u>
Total - All Working Interest Owners			<u>1.0000000</u>	<u>1.0000000</u>



Continental Oil Company
1755 Glenarm Place
Denver, Colorado 80202
(303) 534-2100

December 17, 1973

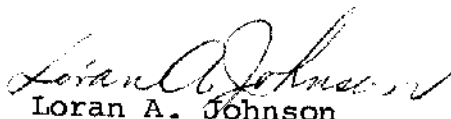
State Geologist
North Dakota Industrial Commission
University Station
Grand Forks, North Dakota 58201

Re: Dickinson Heath Sand Unit
Contract Number 17237
Stark County, North Dakota

Dear Sir:

As requested in your letter of December 6, 1973, we enclose another copy of the Exhibit C and Exhibit D pertaining to the Dickinson Heath Sand Unit. These copies are identical to those mailed to you on November 30, 1973.

Yours truly,


Loran A. Johnson
Land Section
Denver Division

eh
Enc

EXHIBIT "C"

DICKINSON HEATH SAND UNIT

Attached to and made a part of the Dickinson Heath Plan of Unitization:

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
M. R. Canon	6	7.45258%	<u>.0000103</u>	<u>.0001440</u>
Totals			.0000103	.0001440
Cardinal Petroleum Company	16	98.35527%	.0087105	.0216225
	21	97.50%	.0037043	.0094374
	32	100%	.0008423	.0097316
	37	97.50%	.0274922	.0316144
	46	50%	.0013063	.0046746
	49	100%	.0110967	.0222063
	58	50%	.0000241	.0003373
	60	63.67188%	.0001652	.0023126
	61	31.91964%	.0188481	.0075823
	62	61.58854%	<u>.0326674</u>	<u>.0114184</u>
Totals			.1048571	.1209374
Central Oil Company	26	58.59375%	<u>.0078071</u>	<u>.0091884</u>
Totals			.0078071	.0091884
Cities Service Oil Company	20	25%	.0011164	.0049329
	35	25%	<u>.0006293</u>	<u>.0020314</u>
Totals			.0017457	.0069643
Continental Oil Company	2	34.57813%	.0022264	.0064380
	5	11.52604%	.0000642	.0008996
	6	58.30577%	.0000804	.0011265
	8	12.50%	.0000680	.0009524
	9	50%	.0094061	.0106033
	10	50%	.0212511	.0310580
	12	50%	.0209808	.0232530
	13	60%	.0229997	.0146850

Revised 11-7-73
Effective 3-15-73

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	14	30.46875%	.0156965	.0209467
	15	50%	.0015691	.0094971
	17	73.76625%	.0127574	.0196301
	18	51.56250%	.0004415	.0061820
	22	100%	.0000138	.0001927
	23	100%	.0067652	.0054512
	24	50%	.0134075	.0065021
	25	69.15625%	.0000350	.0004909
	27	50%	.0180664	.0169800
	28	50%	.0188122	.0270088
	29	69.15625%	.0000866	.0012125
	31	75%	.0408824	.0210975
	34	100%	.0404603	.0275386
	36	75%	.0039495	.0094661
	38	75%	.0016955	.0050909
	39	80.13600%	.0044477	.0120162
	40	100%	.0066458	.0018212
	41	50%	.0000024	.0000341
	43	69.15625%	.0000154	.0002162
	46	50%	.0013063	.0046747
	47	75%	.0300471	.0191803
	48	13.12254%	.0052085	.0026600
	50	18.75%	.0107468	.0065437
	51	62.50%	.0008495	.0053533
	52	18.75%	.0162566	.0080071
	53	100%	.0277060	.0182180
	54	35.06250%	.0000085	.0001184
	55	50%	.0000447	.0006249
	56	4.68750%	.0011354	.0003476
	60	2.34375%	.0000061	.0000851
	63	100%	<u>.0001357</u>	<u>.0019002</u>
Totals			.3562781	.3481040

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Felmont Oil Corporation	2	0.75691%	.0000487	.0001409
	5	0.25231%	.0000014	.0000197
	6	1.27632%	.0000018	.0000247
	14	18.75%	.0096593	.0128903
	18	18.75%	.0001606	.0022480
	25	1.51383%	.0000008	.0000108
	29	1.51383%	.0000019	.0000266
	43	1.51383%	<u>.0000003</u>	<u>.0000047</u>
Totals			.0098748	.0153657
A. G. Golden	48	1.56250%	<u>.0006202</u>	<u>.0003167</u>
Totals			.0006202	.0003167
G. G. Green	26	3.90625%	<u>.0005205</u>	<u>.0006125</u>
Totals			.0005205	.0006125
Helmerich & Payne, Inc.	56	23.43750%	.0056768	.0017383
	60	11.71875%	<u>.0000304</u>	<u>.0004257</u>
Totals			.0057072	.0021640
Louis W. Hill, Jr.	2	3.05150%	.0001965	.0005682
	5	1.01717%	.0000057	.0000794
	6	5.14545%	.0000071	.0000994
	13	20%	.0076665	.0048950
	14	10.15625%	.0052321	.0069823
	17	10.444375%	.0018063	.0027794
	18	7.03125%	.0000602	.0008430
	25	6.10300%	.0000031	.0000433
	29	6.10300%	.0000076	.0001070
	31	12.50%	.0068137	.0035163
	36	12.50%	.0006583	.0015777
	38	12.50%	.0002826	.0008485
	43	6.10300%	.0000014	.0000191
	47	10.93750%	.0043819	.0027971
	48	15.02991%	.0059656	.0030466

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	50	20.31250%	.0116423	.0070890
	51	11.42578%	.0001553	.0009786
	52	40.62500%	.0352228	.0173487
	56	1.17190%	.0002838	.0000869
	57	25%	.0001072	.0015006
	59	23.30781%	.0000230	.0003216
	60	10.54687%	.0000273	.0003831
	61	16.18304%	.0095559	.0038442
	62	9.68192%	<u>.0051354</u>	<u>.0017950</u>
Totals			.0952416	.0615500
Huston Huffman	56	4.68750%	.0011353	.0003477
	60	2.34375%	<u>.0000061</u>	<u>.0000851</u>
Totals			.0011414	.0004328
Hunt Petroleum Corporation	48	25%	<u>.0099229</u>	<u>.0050676</u>
Totals			.0099229	.0050676
H. L. Hunt	21	2.50%	.0000950	.0002420
	37	2.50%	<u>.0007049</u>	<u>.0008106</u>
Totals			.0007999	.0010526
Clyde W. Jones	16	.82236%	.0000729	.0001808
	17	.82250%	.0001422	.0002189
	18	1.56250%	<u>.0000134</u>	<u>.0001873</u>
Totals			.0002285	.0005870
Linda K. Jones	16	.82236%	.0000728	.0001808
	17	.82250%	.0001422	.0002189
	18	1.56250%	<u>.0000134</u>	<u>.0001874</u>
Totals			.0002284	.0005871
Gene C. Litch	5	8.33333%	<u>.0000465</u>	<u>.0006504</u>
Totals			.0000465	.0006504
Lone Star Producing Company	42	100%	.0089000	.0050399

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	44	100%	.0000022	.0000306
	54	74.93750%	.0000253	.0003541
	55	50%	<u>.0000446</u>	<u>.0006249</u>
Totals			.0089721	.0060495
Vincent and Mary Marsh	25A	28.757%	.0000701	.0009804
Eva Loran	25A	14.285%	.0000350	.0004901
Otto Marsh	25A	14.285%	.0000350	.0004901
Adam Marsh	25A	14.285%	.0000350	.0004901
Ella Mulholland	25A	14.285%	.0000350	.0004901
Martha Niehoff	25A	14.285%	<u>.0000350</u>	<u>.0004901</u>
Total Marsh Group			.0002451	.0034309
J. Hiram Moore	39	19.86400%	.0011025	.0029785
	51	2.34375%	.0000319	.0002007
(J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust)	59	5.20625%	.0000051	.0000718
	60	3.12500%	.0000081	.0001135
	61	3.57142%	.0021089	.0008484
	62	2.67857%	<u>.0014208</u>	<u>.0004966</u>
Totals			.0046773	.0047095
North American Royalties, Inc.	13	20%	.0076666	.0048950
	14	10.15625%	.0052321	.0069823
	17	14.144375%	.0024462	.0037640
	18	7.03125%	.0000602	.0008430
	20	25%	.0011165	.0049329
	31	12.50%	.0068137	.0035163
	35	25%	.0006293	.0020313
	36	12.50%	.0006583	.0015777
	38	12.50%	.0002826	.0008485
	47	14.06250%	.0056338	.0035963
	48	45.28505%	.0179744	.0091794
	50	60.93750%	.0349270	.0212671
	51	23.73047%	.0003225	.0020326

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	52	40.62500%	.0352228	.0173486
	56	66.01560%	.0159896	.0048962
	57	75%	.0003215	.0045017
	58	50%	.0000241	.0003372
	59	71.48594%	.0000705	.0009863
	60	6.25000%	.0000162	.0002270
	61	28.68304%	.0169370	.0068135
	62	19.05692%	<u>.0101080</u>	<u>.0035331</u>
Totals			.1624529	.1041100
Joe and Lillian Ridl	30	100%	<u>.0002781</u>	<u>.0038926</u>
Totals			.0002781	.0038926
Shell Oil Company	1	100%	.0000343	.0004796
	2	61.61346%	.0039669	.0114717
	3	100%	.0069305	.0144771
	5	3.87115%	.0000216	.0003021
	6	19.58266%	.0000270	.0003784
	7	100%	.0153918	.0107250
	8	87.5%	.0004763	.0066672
	9	50%	.0094060	.0106033
	10	50%	.0212511	.0310579
	11	100%	.0178525	.0483440
	12	50%	.0209809	.0232531
	14	30.46875%	.0156964	.0209467
	24	50%	.0134074	.0065020
	25	23.22692%	.0000118	.0001649
	26	37.5%	.0049965	.0058806
	27	50%	.0180664	.0169801
	28	50%	.0188122	.0270088
	29	23.22692%	.0000291	.0004072
	41	50%	.0000025	.0000340
	43	23.22692%	.0000052	.0000726

<u>Lessees</u>	<u>Tracts</u>	<u>Interest in Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	64	100%	<u>.0000001</u>	<u>.0000004</u>
Totals			.1673665	.2357567
Hudson Smart	18	12.50%	<u>.0001071</u>	<u>.0014987</u>
Totals			.0001071	.0014987
Superior Oil Company	15	50%	.0015691	.0094971
	20	50%	.0022329	.0098659
	33	100%	.0284200	.0192818
	35	50%	.0012585	.0040627
	45	100%	<u>.0001858</u>	<u>.0026014</u>
Totals			.0336663	.0453089
Union Oil Company	4	100%	.0000009	.0000127
	5	75%	.0004181	.0058535
	19	100%	.0114521	.0093428
	65	100%	<u>.0000134</u>	<u>.0001879</u>
Totals			.0118845	.0153969
I. S. Wilhite	6	8.23722%	<u>.0000114</u>	<u>.0001591</u>
Totals			.0000114	.0001591

TRACTS 61 AND 62 SUBGROUP - UNLEASED

	<u>Tract</u>	<u>Participation</u>	
		<u>Phase I</u>	<u>Phase II</u>
Theodore Kellogg	61	.0005074	.0002041
	62	.0004558	.0001593
Ward M. Kirby	61	.0010149	.0004083
	62	.0009117	.0003187
Paul G. Kloster	61	.0008458	.0003402
	62	.0007597	.0002656
E. F. and Gladys M. Rakowski	61	.0007469	.0003005
	62	.0006709	.0002345
Jacob and Kathryn Schank	61	.0074690	.0030047
Gordon W. Schnell	61	.0005074	.0002041
	62	.0004558	.0001593
John L. Sherman	61	.0005074	.0002041
	62	<u>.0004558</u>	<u>.0001593</u>
Total Subgroup		<u>.0153085</u>	<u>.0059627</u>
Total - All Working Interest Owners		<u>1.0000000</u>	<u>1.0000000</u>

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Date MAR 13 1973 Case No. 1121

Introduced by Cent. Rental Oil Co.

Exhibit # 1

Identified by Loren Johnson

(Copy)

Copy #1

PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

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PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

This Plan of Unitization, entered into as of the 1st day of January, 1972, by the parties who have signed the original of this instrument, a counterpart thereof or other instrument agreeing to be bound by the provisions hereof;

WITNESSETH:

WHEREAS, the unitized management, operation and further development of a common source of supply of oil and gas is reasonably necessary in order to effectively carry out a form of joint effort calculated to substantially increase the ultimate recovery of oil and gas from that common source of supply; and

WHEREAS, unitized methods of operation as applied to the common source of supply hereinafter defined as the Unitized Formation are feasible, will prevent waste and will with reasonable probability result in the increased recovery of substantially more oil and gas from the common source of supply than would otherwise be recoverable; and

WHEREAS, the estimated additional cost of conducting such unitized methods of operation will not exceed the estimated value of the additional oil and gas so recovered; and

WHEREAS, unitization in accordance with this Plan of Unitization and adoption of one or more unitized methods of operation is for the common good and will result in the general advantage of the owners of the oil and gas rights within the common source of supply affected thereby;

NOW, THEREFORE, in consideration of the premises and of the mutual agreements herein contained, it is agreed as follows:

PART I
CREATION OF UNIT

ARTICLE 1
CREATION

1.1 Plan and Agreement. This Plan of Unitization for the Dickinson Heath Sand Unit, Stark County, North Dakota, consists of and is set forth in this Part I, in Part II, Unit Agreement, in Part III, Unit Operating Agreement and in Exhibits A, B, C, D, E, F, and G and constitutes an agreement for the creation and operation of such Unit. The Unit Operating Agreement contains provisions which only affect the Lessees, as hereinafter defined; if there is any conflict between this Part I or the Unit Agreement and the Unit Operating Agreement, Part I or the Unit Agreement shall govern.

1.2 Creation. In accordance with the terms hereafter set out the Dickinson Heath Sand Unit may be declared effective as to qualified Tracts, as hereinafter defined, by determination of the Lessees or may be created by order of the Industrial Commission of North Dakota under Sections 38-08-09.1 through 38-08-09.16 of the North Dakota Century Code.

ARTICLE 2
DEFINITIONS

As used in this Plan of Unitization, Parts I, II and III and the Exhibits, the following listed terms shall have the following meaning:

2.1 "Unit Area" means the lands described by Tracts in Exhibit A and shown on Exhibit B as to which this agreement becomes effective or to which it may be extended as herein provided.

2.2 "Unitized Formation" shall mean that subsurface portion or portions of the Unit Area commonly known or described as the Heath Sand which is found between the intervals of 7822 feet and 7900 feet on the Schlumberger Laterolog in Continental Oil Company's Frenzel Well No. 2 located in the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 30, Township 140 North, Range 96 West, Stark County, North Dakota.

2.3 "Unitized Substances" means all oil, gas, gaseous substances, sulphur contained in gas, condensate, distillate, and all associated and constituent liquid or liquefiable hydrocarbons within or produced from the Unitized Formation.

2.4 "Lessee Interest" means an interest in Unitized Substances by virtue of a lease, operating agreement, fee title, or otherwise, including a carried interest, which interest is chargeable with and obligated to pay or bear, either in cash or out of production or otherwise, all or a portion of the cost of drilling, developing, producing, and operating the Unitized Formation.

2.5 "Royalty Interest" means a right to or interest in any portion of the Unitized Substances or proceeds thereof other than a Lessee Interest.

2.6 "Royalty Owner" means a party hereto who owns a Royalty Interest.

2.7 "Lessee" means a party hereto who owns a Lessee Interest. The owner of oil and gas rights that are free of lease or other instrument conveying the Lessee Interest to another shall be regarded as a Lessee to the extent of seven-eighths ($7/8$ ths) of his interest in Unitized Substances, and as a Royalty Owner with respect to his remaining one eighth ($1/8$ th) interest therein.

2.8 "Tract" means each parcel of land described as such and given a Tract number on Exhibit A.

2.9 "Unit Operating Agreement" means Part III of this Plan of Unitization.

2.10 "Unit Operator" means the Lessee designated by Lessees under the Unit Operating Agreement to develop and operate the Unitized Formation, acting as operator and not as a Lessee.

2.11 "Tract Participation" means the percentage shown on Exhibit A for allocating Unitized Substances to a Tract under this agreement.

2.12 "Unit Participation" of each Lessee means the sum of the percentages obtained by multiplying the Lessee Interest of such Lessee in each Tract by the Tract Participation of such Tract.

2.13 "Phase I" means the period of time beginning at 7:00 a.m., on the effective date hereof and continuing to 7:00 a.m., on the first day of the calendar month next following the date on which there has been produced and saved from the Unitized Formation underlying the Unit Area as shown on Exhibit B after September 1, 1971, a total volume of three million nine hundred sixty-eight thousand (3,968,000) barrels of oil as determined from the oil production reports required by and submitted to the Industrial Commission of North Dakota.

2.14 "Phase II" means the remainder of the term of this agreement after the end of Phase I.

2.15 "Outside Substances" means all substances obtained from any source other than the Unitized Formation and which are injected into the Unitized Formation.

2.16 "Oil and Gas Rights" means the right to explore, develop and operate lands within the Unit Area for the production of Unitized Substances, or to share in the production so obtained or the proceeds thereof.

2.17 "Unit Operations" means all operations conducted by Lessees or Unit Operator pursuant to this Plan of Unitization for or on account of the development and operation of the Unitized Formation for the production of Unitized Substances.

2.18 "Unit Equipment" means all personal property, lease and well equipment, plants, and other facilities and equipment taken over or otherwise acquired for the joint account for use in Unit Operations.

2.19 "Unit Expense" means all cost, expense or indebtedness incurred by Lessees or Unit Operator pursuant to this Plan of Unitization for or on account of Unit Operations.

2.20 Unless the context otherwise clearly indicates, words used in the singular include the plural, the plural include the singular, and the neuter gender include the masculine and the feminine.

ARTICLE 3
EXHIBITS

3.1 Exhibits. Attached, following Part III, hereto are the following exhibits which are incorporated into Parts I, II and III by reference.

3.1.1 Exhibit A, is a schedule that describes each Tract in the Unit Area and shows its Tract Participation.

3.1.2 Exhibit B, is a map that shows the boundary lines of the Unit Area and the Tracts therein.

3.1.3 Exhibit C reflects the name of each Lessee, each Tract under which such Lessee owns an interest, its interest under such Tract, its Unit Participation under such Tract and total Unit Participation of such Lessee.

3.1.4 Exhibit D is a schedule which sets forth the percentage and kind of ownership of oil and gas interests in the Unit Area.

3.1.5 Exhibit E is the Accounting Procedure applicable to Unit Operations. If there is any conflict between Parts I, II or III of this Plan of Unitization and Exhibit E, the provisions of Parts I, II, or III shall prevail.

3.1.6 Exhibit F sets forth the equal opportunity clause applicable to operations hereunder.

3.1.7 Exhibit G is a schedule for use in determining intangible investment adjustments between Lessees.

3.2 Reference to Exhibits. When reference herein is made to an exhibit, the reference is to the Exhibit as originally attached or, if revised, to the latest revision.

3.3 Exhibits Considered Correct. An exhibit shall be considered to be correct until revised as herein provided.

3.4 Correcting Errors. The shapes and descriptions of the respective Tracts have been established by using the best information available. If it subsequently appears that any Tract, because of diverse Royalty or Lessee Interest ownership on the effective date hereof, should be divided into more than one Tract, or that any mechanical miscalculation has been made, Unit Operator, with the approval of Lessees, shall correct the mistake by revising the exhibits to conform to the facts. The revision shall not include any re-evaluation of engineering or geological interpretations used in determining Tract Participation. Each such revision of an exhibit shall be effective at 7:00 a.m. on the first day of the calendar month next following the filing for record of the revised exhibit or on such other date as may be determined by Lessees and set forth in the revised exhibit.

3.5 Filing Revised Exhibits. If an exhibit is revised pursuant to this agreement, Unit Operator shall certify and file the revised exhibit for record in the county in which this agreement is filed.

ARTICLE 4 EXECUTION

4.1 Original, Counterpart, or Other Instrument. An owner of Oil and Gas Rights may become a party to this Plan of Unitization by signing the original of this instrument, a counterpart thereof, or other instrument agreeing to be bound by the provisions hereof. The signing of any such instrument shall have the same effect as if all the parties had signed the same instrument.

4.2 Joinder in Dual Capacity. Execution as herein provided by any party as either a Lessee or a Royalty Owner shall commit all interests that may be owned or controlled by such party.

ARTICLE 5
GENERAL

5.1 Amendments Affecting Lessees. Amendments hereto relating wholly to the rights and obligations as between Lessees may be made if signed by all Lessees.

PART II
UNIT AGREEMENT

ARTICLE 1
CREATION AND EFFECT OF UNIT

1.1 Oil and Gas Rights Unitized. Subject to the provisions of this Plan of Unitization, all Oil and Gas Rights of Royalty Owners in and to the lands described on Exhibit A, and all Oil and Gas Rights of Lessees in and to said lands, are hereby unitized insofar as the respective Oil and Gas Rights pertain to the Unitized Formation, so that operations may be conducted as if the Unitized Formation had been included in a single lease executed by all Royalty Owners, as Lessors, in favor of all Lessees, as Lessees, and as if the lease had been subject to all of the provisions of this Plan of Unitization.

1.2 Personal Property Excepted. All lease and well equipment, materials, and other facilities heretofore or hereafter placed by any of the Lessees on the lands covered hereby shall be deemed to be and shall remain personal property belonging to and may be removed by the Lessees. The rights and interests therein as among Lessees are covered by the Unit Operating Agreement.

1.3 Amendments of Leases and Other Agreements. The provisions of the various leases, agreements, division and transfer orders, or other instruments covering the respective Tracts or the production therefrom are amended to the extent necessary to make them conform to the provisions of this Plan of Unitization, but otherwise shall remain in effect.

1.4 Continuation of Leases and Term Royalties. Operations, including drilling operations, conducted with respect to the Unitized Formation on any part of the Unit Area, or

production from any part of the Unitized Formation, except for the purpose of determining payments to Royalty Owners, shall be considered as operations upon or production from each Tract, and such operations or production shall continue in effect each lease or term royalty interest as to all lands covered thereby just as if such operations had been conducted and a well had been drilled on and was producing from each Tract.

1.5 Titles Unaffected by Unitization. Nothing herein shall be construed to result in the transfer of title to the Oil and Gas Rights by any party hereto to any other party or to Unit Operator. The intention is to provide for the cooperative development and operation of the Tracts and for the sharing of Unitized Substances as herein provided.

1.6 Injection Rights. Royalty owners hereby grant unto Lessees the right to inject into the Unitized Formation any substances in whatever amounts Lessees deem expedient for Unit Operations, including the right to drill and maintain injection wells on the Unit Area and to use producing or abandoned oil or gas wells, including wells which have never produced, for such purposes.

1.7 Development Obligation. Nothing in this Plan of Unitization shall be construed as increasing or decreasing the express or implied covenants of a lease in respect to either lands or a common source of supply not included within the Unit Area.

ARTICLE 2 PLAN OF OPERATIONS

2.1 Unit Operator. As provided in the Unit Operating Agreement, Lessees have designated Continental Oil Company Unit Operator. Unit Operator shall have the exclusive right to conduct Unit Operations. The operations shall conform to the provisions of this Plan of Unitization.

2.2 Operating Methods. To the end that the quantity of Unitized Substances ultimately recoverable may be increased and waste prevented, Lessees shall, with diligence and in accordance

with good engineering and production practices, within a reasonable time after this Plan of Unitization becomes effective, commence pressure maintenance operations by means of the injection of water, gas, and other substances, or any of them into the Unitized Formation.

2.3 Change of Operating Methods. Nothing herein shall prevent Lessees from discontinuing or changing in whole or in part any method of operation which, in their opinion, is no longer in accord with good engineering or production practices. Other methods of operation may be conducted or changes may be made by Lessees from time to time if determined by them to be feasible, necessary or desirable to increase the ultimate recovery of Unitized Substances.

Article 3 Tract Participations

3.1 Tract Participations. The Phase I and Phase II Tract Participations of each Tract are shown on Exhibit A.

3.1.1 The Phase I Tract Participation of each Tract was calculated and determined using the following formula:

$$\begin{array}{rcl}
 0.70 & \times & \frac{\text{Each Tract's current rate of oil production from March 1, 1971, thru August 31, 1971}}{\text{Total current rate of oil production from the Unitized Formation from March 1, 1971, thru August 31, 1971}} \\
 & & \text{plus} \\
 0.25 & \times & \frac{\text{Each Tract's primary reserves on September 1, 1971}}{\text{Total primary reserves in the Unitized Formation on September 1, 1971}} \\
 & & \text{plus} \\
 0.05 & \times & \frac{\text{Acre feet of each Tract}}{\text{Total acre feet in the Unitized Formation}}
 \end{array}$$

3.1.2 The Phase II Tract Participation of each Tract was calculated and determined using the following formula:

$$\begin{array}{rcl}
 0.70 & \times & \frac{\text{Acre feet of each Tract}}{\text{Total acre feet in the Unitized Formation}} \\
 & & \text{plus} \\
 0.17 & \times & \frac{\text{Each Tract's ultimate primary oil production}}{\text{Total ultimate primary oil production from the Unitized Formation}} \\
 & & \text{plus} \\
 0.13 & \times & \frac{\text{Each Tract's cumulative oil production to August 31, 1971}}{\text{Total cumulative oil production to August 31, 1971, from the Unitized Formation}}
 \end{array}$$

3.2 Relative Tract Participations. If the Unit Area is enlarged or reduced, the revised Tract Participations of the Tracts remaining in the Unit Area and which were within the Unit Area prior to the enlargement or reduction, shall remain in the same ratio one to another.

ARTICLE 4
ALLOCATION OF UNITIZED SUBSTANCES

4.1 Allocation to Tracts. All Unitized Substances produced and saved shall be allocated to the several Tracts in accordance with the respective Tract Participations effective during the period that the Unitized Substances were produced. The amount of Unitized Substances allocated to each Tract, regardless of whether it is more or less than the actual production of Unitized Substances from the well or wells, if any, on such Tract, shall be deemed for all purposes to have been produced from such Tract.

4.2 Distribution Within Tracts. The Unitized Substances allocated to each Tract shall be distributed among, or accounted for to, the parties entitled to share in the production from such Tract in the same manner, in the same proportions, and upon the same conditions as they would have participated and shared in the production from such Tract, or in the proceeds thereof, had this Plan of Unitization not been entered into, and with the same legal effect. If any Oil and Gas Rights in a Tract are now or hereafter become divided and owned in severalty as to different parts of the Tract, the owners of the divided interests, in the absence of an agreement providing for a different division, shall share in the Unitized Substances allocated to the Tract, or in the proceeds thereof, in proportion to the surface acreage of their respective parts of the Tract.

4.3 Taking Unitized Substances in Kind. The Unitized Substances allocated to each Tract shall be taken in kind or separately disposed of by the respective parties entitled thereto by virtue of the ownership of Oil and Gas Rights therein or by

purchase from such owners. Such parties shall have the right to construct, maintain, and operate within the Unit Area all necessary facilities for that purpose, provided that they are so constructed, maintained, and operated as not to interfere with Unit Operations. Any extra expenditures incurred by Unit Operator by reason of the delivery in kind of any portion of the Unitized Substances shall be borne by the receiving party. If a Royalty Owner has the right to take in kind a share of the Unitized Substances and fails to do so, the Lessee whose Lessee Interest is subject to such Royalty Interest shall be entitled to take in kind such share of the Unitized Substances.

4.4 Failure to Take in Kind. If any party fails to take in kind or separately dispose of its share of Unitized Substances, Unit Operator shall have the right, for the time being and subject to revocation at will by the party owning the share, to purchase for its own account or sell to others such share; provided that, all contracts of sale by Unit Operator of any other party's share of Unitized Substances shall be only for such reasonable periods of time as are consistent with the minimum needs of the industry under the circumstances, but in no event shall any such contract be for a period in excess of one year. The proceeds of the Unitized Substances so disposed of by Unit Operator shall be paid to the party entitled thereto. Notwithstanding the foregoing, Unit Operator shall not make a sale into interstate commerce of any other party's share of gas production without first giving such other party sixty (60) days notice of such intended sale.

4.5 Responsibility for Royalty Settlements. Any party receiving in kind or separately disposing of all or part of the Unitized Substances allocated to any Tract or receiving the proceeds therefrom shall be responsible for the payment thereof to the persons entitled thereto, and shall indemnify all parties hereto, including Unit Operator, against any liability for all royalties, overriding royalties, production payments, and all

other payments chargeable against or payable out of such Unitized Substances or the proceeds therefrom. If the amount of production accruing to any Royalty Interest in a Tract, by the terms of the instrument reserving or creating it depends on the per well production from such Tract during any period of time, the determination of such per well production shall be made by dividing the total quantity of Unitized Substances produced from the Unitized Formation during the period by the total number of usable wells completed in the Unitized Formation at the beginning of such period, either as producing or injection wells.

4.6 Royalty on Outside Substances. No payments shall be due or payable to Royalty Owners on Outside Substances.

4.6.1 If gas is the Outside Substance injected, one hundred percent (100%) of any gas subsequently produced from the Unitized Formation and sold, or used for other than Unit Operations, shall be deemed to be the Outside Substance so injected until the total volume thereof equals the total volume of the Outside Substances so injected, and no payments shall be due or payable to Royalty Owners on said one hundred percent (100%).

4.6.2 If Liquid Petroleum Gas (LPG), is the Outside Substance injected, ten percent (10%) of all Unitized Substances produced from the Unitized Formation subsequent to one year after the initial injection of such LPG into the Unitized Formation shall be deemed Outside Substance so injected until the total value thereof equals the total cost of Outside Substances so injected.

ARTICLE 5
PRODUCTION AS OF THE EFFECTIVE DATE

5.1 Oil in Lease Tanks. Unit Operator shall gauge all lease and other tanks within the Unit Area to ascertain the amount of merchantable oil produced from the Unitized Formation in such tanks, above the pipeline connections as of 7:00 a.m., on

the effective date hereof. The oil that is above pipeline connections shall remain the property of the parties entitled thereto the same as if the unit had not been formed. Any such oil not promptly removed may be sold by the Unit Operator for the account of the parties entitled thereto, subject to the payment of all royalties, overriding royalties, production payments, and all other payments under the provisions of the applicable lease or other contracts.

ARTICLE 6
USE OR LOSS OF UNITIZED SUBSTANCES

6.1 Use of Unitized Substances. Lessees may use as much of the Unitized Substances as they deem necessary for Unit Operations, including but not limited to the injection thereof into the Unitized Formation.

6.2 Royalty Payments. No royalty, overriding royalty, production, or other payments shall be payable upon, or with respect to, oil and gas used or consumed in Unit Operations, or Unitized Substances which otherwise may be lost or consumed in the production, handling, treating, transportation, or storing of Unitized Substances.

ARTICLE 7
TRACTS TO BE INCLUDED IN UNIT

7.1 Statutory Unit. In the event the Dickinson Heath Sand Unit is created by order of the Industrial Commission of North Dakota under Sections 38-08-09.1 through 38-08-09.16 of the North Dakota Century Code, the Unit Area shall be composed of the Tracts unitized by such order.

7.2 Contractual Unit. In the event the Dickinson Heath Sand Unit is made effective by determination of Lessees, subject to the applicable provisions of this Plan of Unitization, and not under Section 15.1 of this Part II, then the following provisions shall prevail:

7.2.1 Qualification of Tracts. On and after the effective date hereof and until the enlargement or reduction thereof, the Unit Area shall be composed

of the Tracts listed in Exhibit C that corner or have a common boundary (Tracts separated only by a public highway or a railroad right of way shall be considered to have a common boundary), and that otherwise qualify as follows:

7.2.1.1 Each Tract as to which Lessees owning one hundred percent (100%) of the Lessee Interest have become parties to this Plan of Unitization and as to which Royalty Owners owning seventy-five percent (75%) or more of the Royalty Interest have become parties to this Plan of Unitization.

7.2.1.2 Each Tract as to which Lessees owning one hundred percent (100%) of the Lessee Interest have become parties to this Plan of Unitization, and as to which Royalty Owners owning less than seventy-five percent (75%) of the Royalty Interest have become parties to this Plan of Unitization, and as to which (a) all Lessees in such Tract have joined in a request for the inclusion of such Tract in the Unit Area, and as to which (b) seventy-five percent (75%) of the combined voting interests of Lessees in all Tracts that meet the requirements of Sections 7.2.1.1 have voted in favor of the inclusion of such Tract. For the purpose of this Section 7.2.1.2, the voting interest of a Lessee shall be equal to the ratio that its Unit Participation attributable to Tracts that qualify under Section 7.2.1.1 bears to the total Unit Participation of all Lessees attributable to all Tracts that qualify under Section 7.2.1.1. Phase I Unit Participation shall apply herein until Phase II Unit Participation becomes effective.

7.2.1.3 Each Tract as to which Lessees owning less than one hundred percent (100%) of the Lessee Interest have become parties to this Plan of Unitization, regardless of the percentage of Royalty Interest therein that is committed hereto; and as to which (a) the Lessee who operates the Tract and all of the other Lessees in such Tract who have become parties to this Plan of Unitization have joined in a request for inclusion of such Tract in the Unit Area, and have executed and delivered an indemnity agreement indemnifying and agreeing to hold harmless the other Lessees in the Unit Area, their successors and assigns, against all claims, and demands, that may be made by the owners of Lessee Interests in such Tract who are not parties to this agreement, and which arise out of the inclusion of the Tract in the Unit Area; and as to which (b) seventy-five percent (75%) of the combined voting interest of Lessees in all Tracts that meet the requirements of Sections 7.2.1.1 and 7.2.1.2 have voted in favor of the inclusion of such Tract and to accept the indemnity agreement. For the purpose of this Section 7.2.1.3, the voting interest of each Lessee shall be equal to the ratio that its Unit Participation attributable to Tracts that qualify under Sections 7.2.1.1 and 7.2.1.2 bears to the total Unit Participation of all Lessees attributable to all Tracts that qualify under Sections 7.2.1.1 and 7.2.1.2. Upon the inclusion of such a Tract in the Unit Area, the Unit Participation that would have been attributed to the nonsubscribing owners of the Lessee Interest in such Tract, had they become parties of this Plan of Unitization, shall be attributed to the Lessees in such Tract who have become parties to

such Plan of Unitization, in proportion to their respective Lessee Interests in the Tract. Phase I Unit Participation shall apply herein until Phase II Unit Participation becomes effective.

7.2.2 Subsequent Commitment of Interest to Unit. After the effective date of this Plan of Unitization, the commitment of any interest in any Tract within the Unit Area shall be upon such terms as may be negotiated by Lessees and the owner of such interest.

7.2.3 Removal of Tract from Unit Area. If a Tract ceases to have sufficient Lessees committed to this agreement to meet the conditions of Section 7.2.1 because of failure of title of any party hereto, such Tract shall be removed from the Unit Area effective as of the first day of the calendar month in which the failure of title is finally determined; however, the Tract shall not be removed from the Unit Area if, within ninety (90) days of the date of final determination of the failure of title, the Tract requalifies under Section 7.2.1.

7.2.4 Revision of Exhibits. If any of the Tracts described on Exhibit A fail to qualify for inclusion in the Unit Area, Unit Operator shall recompute, using the original basis of computation, the Tract Participation of each of the qualifying Tracts. If a Tract is removed from the Unit Area because of failure of title, Unit Operator, subject to Section 3.2, shall recompute the Tract Participation of each of the Tracts remaining in the Unit Area.

7.2.4.1 In either such event, Unit Operator shall revise Exhibits A, B, C and D accordingly. If such revision is because of Tracts failing to qualify for inclusion in the Unit Area as of the effective date, the revised exhibits shall be effective as

of the effective date hereof. If such revision is because of failure of title, the revised exhibits shall be effective as of the first day of the calendar month in which such failure of title is finally determined.

ARTICLE 8 TITLES

8.1 Lessee Interest Titles. If title to a Lessee Interest fails, the rights and obligations of Lessees by reason of the failure of title shall be governed by the Unit Operating Agreement.

8.2 Royalty Owner Titles. If title to a Royalty Interest fails, but the Tract to which it relates is not removed from the Unit Area, the party whose title failed shall not be entitled to share hereunder with respect to such interest.

8.3 Production Where Title is in Dispute. If the title or right of any party claiming the right to receive in kind all or any portion of the Unitized Substances allocated to a Tract is in dispute, Unit Operator at the discretion of Lessees shall either:

(a) require that the party to whom such Unitized Substances are delivered or to whom the proceeds thereof are paid, furnish security for the proper accounting therefor to the rightful owner if the title or right of such party fails in whole or in part, or

(b) withhold and market the portion of Unitized Substances with respect to which title or right is in dispute, and impound the proceeds thereof until such time as the title or right thereto is established by a final judgment of a court of competent jurisdiction or otherwise to the satisfaction of Lessees, whereupon the proceeds so impounded shall be paid to the party rightfully entitled thereto.

8.4 Taxes. Should any party hereto fail to pay when due any ad valorem tax on real or personal property, which failure might result in a loss of title to any interest in the Unit Area, Unit Operator may pay the same and discharge any tax liens arising from nonpayment. Lessees shall reimburse Unit Operator for any amount so paid and Unit Operator shall withhold and distribute among the Lessees, in proportion to their contribution toward such payment, an amount sufficient to defray the cost of such payment out of any sums due to the delinquent taxpayer or taxpayers as proceeds from the sale of any Unitized Substances.

ARTICLE 9
EASEMENTS OR USE OF SURFACE

9.1 Grant of Easements. The parties hereto, to the extent of their rights and interests, hereby grant to Lessees the right to use as much of the surface of the land within the Unit Area as may reasonably be necessary for Unit Operations; provided that, nothing herein shall be construed as leasing or otherwise conveying to Lessees a site for a water, gas injection, processing or other plant, or camp site.

9.2 Use of Water. Lessees shall have free use of water from the Unit Area for Unit Operations, except water from any well, lake, pond, or irrigation ditch of a Royalty Owner.

9.3 Surface Damages. Lessees shall pay the owner for damages to growing crops, timber, fences, improvements, and structures on the Unit Area that results from Unit Operations.

ARTICLE 10
ENLARGEMENTS OF UNIT AREA

10.1 Statutory Unit. In the event the Dickinson Heath Sand Unit is created by order of the Industrial Commission of North Dakota under Sections 38-08-09.1 through 38-08-09.16 of the North Dakota Century Code, enlargements of the Unit Area shall be made in accordance with such Sections 38-08-09.1 through 38-08-09.16.

10.2 Contractual Unit. In the event the Dickinson Heath Sand Unit is made effective by determination of the Lessees, subject to the applicable provisions of this Plan of Unitization, and not under Section 15.1 of this Part II, the Unit Area may be enlarged to include acreage reasonably proved to be productive, upon such terms as may be determined by Lessees, including but not limited to, the following:

10.2.1 The acreage shall qualify under a section of Article 7.

10.2.2 The participation to be allocated to the acreage shall be reasonable, fair, and based on all available information.

10.3 Adjustments. If the Unit Area is enlarged under either Section 10.1 or Section 10.2, there shall be no retroactive allocation or adjustment of Unit Expense or of interests in the Unitized Substances produced, or proceeds thereof; however, this limitation shall not prevent an adjustment of investment by reason of the enlargement, and an adjustment of investment, as determined by the Lessees will be made in the event the Unit Area is enlarged.

10.4 Determination of Tract Participations. If the Unit Area is enlarged under either Section 10.1 or Section 10.2, Unit Operator, subject to Section 3.2, shall determine the Tract Participation of each Tract within the Unit Area as enlarged, and shall revise Exhibits A, B, C and D accordingly.

10.5 Effective Date. The effective date of any enlargement of the Unit Area under Section 10.2 shall be 7:00 a.m. on the first day of the calendar month following compliance with conditions for enlargement as specified by Lessees, approval of the enlargement by the appropriate governmental authority, if required, and the filing for record of revised Exhibits A, B, C and D in the records of the County in which this Plan of Unitization is recorded.

ARTICLE 11
CHANGE OF TITLE

11.1 Covenant Running with the Land. This Plan of Unitization shall extend to, be binding upon, and inure to the benefit of, the respective heirs, devisees, legal representatives, successors, and assigns of the parties hereto, and shall constitute a covenant running with the lands, leases, and interests covered hereby.

11.2 Notice of Transfer. Any conveyance of all or any part of any interest owned by any party hereto with respect to any Tract shall be made expressly subject to this Plan of Unitization. No change of title shall be binding on the Unit Operator, or upon any party hereto other than the party so transferring, until the first day of the calendar month next succeeding the date of receipt by Unit Operator of a photocopy or a certified copy of the recorded instrument evidencing such change in ownership.

11.3 Waiver of Rights to Partition. Each party hereto covenants that, during the existence of this Plan of Unitization, it will not resort to any action to partition the Unit Area or the Unit Equipment, and to that extent waives the benefits of all laws authorizing such partition.

ARTICLE 12
RELATIONSHIP OF PARTIES

12.1 No Partnership. The duties, obligations and liabilities of the parties hereto are intended to be several and not joint or collective. This Plan of Unitization is not intended to create, and shall not be construed to create, an association or trust, or to impose a partnership duty, obligation, or liability with regard to any one or more of the parties hereto. Each party hereto shall be individually responsible for its own obligations as herein provided.

12.2 No Sharing of Market. This Plan of Unitization is not intended to provide, and shall not be construed to provide, directly or indirectly, for any cooperative refining, joint sale, or marketing of Unitized Substances.

12.3 Royalty Owners Free of Costs. This Plan of Unitization is not intended to impose, and shall not be construed to impose, upon any Royalty Owner any obligation to pay for Unit Expense unless such Royalty Owner is otherwise so obligated.

12.3.1 Carved-out Interest. In the event any Lessee shall, after the time a Lessee Interest of that Lessee becomes subject to this Plan of Unitization, create a Royalty Interest out of its Lessee Interest then subject to this Plan of Unitization, such carved-out Royalty Interest shall be subject to all the terms of this Plan of Unitization. In the event the Lessee owning the Lessee Interest out of which the carved-out Royalty Interest was created fails to pay any cost or expense chargeable to such Lessee hereunder, the owner of the carved-out Royalty Interest will be liable for its pro rata portion of such costs and expenses. In this event, the lien provided in Section 8.5 of the Unit Operating Agreement may be enforced against such carved-out Royalty Interest in the same manner as the lien was enforceable against the Lessee Interest out of which the carved-out Royalty Interest was created.

12.4 Information to Royalty Owners. Each Royalty Owner shall be entitled to all information in the possession of Unit Operator to which such Royalty Owner is entitled by an existing agreement with any Lessee.

ARTICLE 13 LAWS AND REGULATIONS

13.1 Laws and Regulations. This Plan of Unitization shall be subject to the conservation laws of the State of North Dakota; to the valid rules, regulations, and orders of the Industrial Commission of North Dakota; and to all other applicable federal, state and municipal laws, rules, regulations and orders.

13.2 Non-Discrimination. In connection with the performance of work under this Agreement, the Unit Operator agrees to comply with all the provisions of Section 202(1) to (7) inclusive, of Executive Order 11246, 30 F.R. 12319, the provisions of which are set forth on Exhibit "F," attached hereto.

ARTICLE 14
FORCE MAJEURE

14.1 Force Majeure. All obligations imposed by this Plan of Unitization on each party, except for the payment of money, shall be suspended while and to the extent compliance is prevented, in whole or in part, by a strike, fire, war, civil disturbance, act of God; by federal, state or municipal laws; by any rule, regulation, or order of a governmental agency; by inability to secure materials; or by any other cause of causes beyond reasonable control of the party. No party shall be required against its will to adjust or settle any labor dispute. Neither this agreement nor any lease or other instrument subject hereto shall be terminated by reason of suspension of Unit Operations due to any one or more of the causes set forth in this Article.

ARTICLE 15
EFFECTIVE DATE

15.1 Statutory Unit. In the event the Dickinson Heath Sand Unit is created by order of the Industrial Commission of North Dakota under Sections 38-08-09.1 through 38-08-09.16 of the North Dakota Century Code, this Plan of Unitization shall become effective in accordance with the order of such Industrial Commission, subject to which this Plan of Unitization shall become binding upon each party executing the same as of the date such party signs the instrument by which it becomes a party hereto.

15.1.1 If this Dickinson Heath Sand Unit becomes effective pursuant to Section 15.1, Unit Operator shall within thirty (30) days after the effective date

file a certificate for record in Stark County, North Dakota, which certificate shall set forth: (1) the hour, day and year on which the Unit becomes effective and Unit Operations commenced; (2) a description or plat of the lands included within the Unit Area; and (3) the order number and date of the Order or Orders of the Industrial Commission of North Dakota approving this Plan of Unitization and creating the Dickinson Heath Sand Unit.

15.2 Contractual Unit. In the event the Dickinson Heath Sand Unit is made effective by determination of the Lessees, subject to the applicable provisions of this Plan of Unitization, and not under Section 15.1, the following provisions shall prevail:

15.2.1 Effective Date. This Plan of Unitization shall become binding upon each party as of the date such party signs the instrument by which it becomes a party hereto, and, unless sooner terminated as provided in Section 15.2.2 shall become effective as to qualified Tracts at the time and date as determined by the Lessees in all the qualified Tracts, and set forth in a certificate filed for record by Unit Operator in Stark County, North Dakota. The certificate shall also identify the Tracts qualified under Article 7, recite the percentage of the Unit Area represented by such Tracts, the book and page in which a counterpart of this agreement has been recorded. The certificate shall not be filed until after the following requirements have been met:

15.2.1.1 Tracts comprising eighty percent (80%) or more of the Unit Area as shown on the original Exhibit B have qualified under the provisions of Article 7.

15.2.1.2 At least one counterpart of this agreement has been filed for record by Unit Operator in Stark County, North Dakota.

15.3 Ipsa Facto Termination. If the requirements of Sections 15.1 or 15.2 are not accomplished on or before December 1, 1973, this Plan of Unitization shall ipso facto terminate on that date (hereinafter called "termination date") and thereafter be of no further effect, unless prior thereto Lessee owning a combined Phase I Unit Participation of at least seventy-five percent (75%) have become parties to this Plan of Unitization and have decided to extend the termination date for a period not to exceed twelve (12) months. If the termination date is so extended and the requirements of Sections 15.1 or 15.2 are not accomplished on or before the extended termination date, this Plan of Unitization shall ipso facto terminate on the extended termination date and thereafter be of no further effect.

ARTICLE 16 TERM

16.1 Term. The term of this Plan of Unitization shall be for the time that Unitized Substances are produced in paying quantities and as long thereafter as Unit Operations are conducted without a cessation of more than ninety (90) consecutive days, unless sooner terminated by Lessees in the manner herein provided.

16.2 Termination by Lessees. This Plan of Unitization may be terminated by Lessees having a combined Phase II Unit Participation of at least eighty-five percent (85%) whenever such Lessees determine that Unit Operations are no longer profitable or feasible.

16.3 Effect of Termination. Upon termination of this Plan of Unitization, the further development and operation of the Unitized Formation as a unit shall be abandoned, Unit Operations shall cease, and thereafter the parties shall be governed by the provisions of the leases and other instruments affecting the separate Tracts.

16.4 Certificate of Termination. When Unit Operations are abandoned and the affairs of the Unit terminated, Unit Operator shall file a certificate for record in Stark County, North Dakota, setting forth the fact and time of termination of the Unit.

16.5 Salvaging Equipment Upon Termination. If not otherwise granted by the leases or other instruments affecting each Tract unitized under this Plan of Unitization, Royalty Owners hereby grant Lessees a period of six (6) months after the date of termination of this Plan of Unitization within which to salvage and remove Unit Equipment.

PART III

UNIT OPERATING AGREEMENT

ARTICLE 1 CREATION OF OPERATING COMMITTEE AND SUPERVISION OF UNIT OPERATIONS

1.1 Creation of Operating Committee. An Operating Committee is hereby created to consist of one representative to be designated by each Lessee, provided that an individual Lessee may be a member of the Committee. Each Lessee shall, in writing, inform Unit Operator of the names and addresses of the representative and alternate who are authorized to represent and bind such Lessee with respect to Unit Operations. The representative or alternate may be changed from time to time by written notice to Unit Operator.

1.2 Officers. The representative of the Unit Operator shall be Chairman of the Operating Committee. The Operating Committee shall select a Secretary and other officers as such Committee deems proper. The Secretary and other officers, other than the Chairman, need not be members of the Operating Committee. The Secretary shall keep and maintain the records of the actions of the Operating Committee. The officers shall serve at the will of the Operating Committee and perform such duties as are directed by that Committee.

1.3 Over-all Supervision. The Operating Committee shall exercise over-all management and control of all matters pertaining to Unit Operations, pursuant to the Plan of Unitization.

1.4 Specific Authorities and Duties. The matters with respect to which the Operating Committee shall decide and take action shall include, but not be limited to, the following:

1.4.1 Method of Operation. The method of operation, including any type of pressure maintenance, secondary recovery, or other recovery program to be employed.

1.4.2 Drilling of Wells. The drilling of any well whether for production of Unitized Substances, for use as an injection well, or for other purposes.

- 1.4.3 Well Recompletions and Change of Status. The recompletion, abandonment, or change of status of any well, or the use of any well for injection or other purposes.
- 1.4.4 Expenditures. The making of any single expenditure in excess of Fifteen Thousand Dollars (\$15,000.00); provided that, approval by the Operating Committee of the drilling, redrilling, deepening, or plugging back of any well shall include approval of any necessary expenditures required therefor, and for completing, testing, and equipping the same, including necessary flow lines, separators, and lease tankage.
- 1.4.5 Disposition of Unit Equipment. The selling or otherwise disposing of any major item of surplus Unit Equipment, if the current list price of new equipment similar thereto is Three Thousand Dollars (\$3,000.00) or more.
- 1.4.6 Appearance Before a Court or Regulatory Agency. The designating of a representative to appear before any court or regulatory agency in matters pertaining to Unit Operations; provided that, such designation shall not prevent any Lessee from appearing in person or from designating another representative in its own behalf.
- 1.4.7 Audits. The auditing of the accounts of Unit Operator pertaining to Unit Operations hereunder; provided that, the audits shall
- (a) not be conducted more than once each year except upon the resignation or removal of Unit Operator,
 - (b) be made at the expense of all Lessees other than the Lessee designated as Unit Operator, and
 - (c) be made upon not less than thirty (30) days' written notice to Unit Operator.

1.4.8 Inventories. The taking of periodic inventories under the terms of Exhibit E.

1.4.9 Technical Services. The authorizing of charges to the joint account for services by consultants or Unit Operator's technical personnel not covered by the overhead charges provided by Exhibit E.

1.4.10 Assignments to Committees. The appointment of committees to study any problems in connection with Unit Operations.

1.4.11 Removal and Successor. The removal of Unit Operator and the selection of a successor.

1.4.12 Enlargement. The enlargement of the Unit Area under Section 10.2 of Part II.

1.4.13 Adjustment of Investment. The adjustment and readjustment of investments.

1.4.14 Termination of Unit. The termination of the Unit Agreement.

1.4.15 Border Agreements. Unit Operator may, after approval of Operating Committee, enter into border agreements with respect to lands adjacent to the Unit Area for the purpose of coordinating operations.

1.5 Meetings of Operating Committee. All meetings of the Operating Committee shall be called by Unit Operator upon its own motion or at the request of one or more Lessees having a total Unit Participation of not less than five percent (5%). No meeting shall be called on less than fourteen (14) days' advance written notice, with agenda for the meeting attached. The Operating Committee shall have the right to amend items included in the agenda and to decide the amended item or other items presented at the meeting.

1.6 Voting Procedure. The Operating Committee shall decide all matters coming before it as follows:

1.6.1 Voting Interest. Each Lessee shall have a voting interest equal to its Unit Participation in effect at the time the vote is taken, except that all matters relative to secondary recovery investments

and expenditures shall be determined by each Lessee's vote based upon Phase II Unit Participation.

1.6.2 Vote Required. Except as may otherwise be provided herein or in the Unit Agreement, Lessees shall act upon and determine all matters coming before them by the affirmative vote of sixty-five percent (65%) or more voting interest, provided, that should any one Lessee own sixty-five percent (65%) or more voting interest, its vote must be supported by the vote of at least one or more additional Lessees having a total Unit Participation of not less than five percent (5%). Provided further, that should any one Lessee own thirty-five percent (35%) or more voting interest, its negative vote or failure to vote shall not defeat the matter being voted on unless supported by one or more Lessees having a combined voting interest of at least five percent (5%).

1.6.3 Vote at Meeting by Nonattending Lessees. A Lessee who is not represented at a meeting may vote by letter or telegram addressed to the representative of the Unit Operator if its vote is received prior to the vote on the item.

1.6.4 Poll Votes. The Operating Committee may vote on and decide, by letter or telegram, any matter submitted in writing to the members of that committee, if no meeting is requested, as provided in Section 1.5, within seven (7) days after the proposal is sent to such members, Unit Operator will give prompt notice of the results of the voting to all Lessees.

ARTICLE 2 INDIVIDUAL RIGHTS OF LESSEES

2.1 Reservation of Rights. Lessees severally reserve to themselves all their rights, except as otherwise provided in this Plan of Unitization.

2.2 Specific Rights. Each Lessee shall have, among others, the following specific rights:

2.2.1 Access to Unit Area. Access to the Unit Area at all reasonable times to inspect Unit Operations, all wells, and the records and data pertaining thereto.

2.2.2 Reports. The right to receive from Unit Operator, upon written request, copies of all reports to any governmental agency, reports of crude oil runs and stocks, inventory reports, and all other information pertaining to Unit Operations. The cost of gathering and furnishing information not ordinarily furnished by Unit Operator to all Lessees shall be charged to the Lessees requesting the information.

ARTICLE 3 UNIT OPERATOR

3.1 Initial Unit Operator. Continental Oil Company is hereby designated as Unit Operator.

3.2 Resignation or Removal. Unit Operator may resign at any time. Lessees may remove Unit Operator at any time by the affirmative vote of more than fifty percent (50%) of the Phase II voting interest, provided, however, if Unit Operator has fifty percent (50%) or more Phase II voting interest, Lessee may remove Unit Operator by the affirmative vote of at least seventy-five percent (75%) of the Phase II voting interest remaining after excluding the Phase II voting interest of Unit Operator. A Unit Operator that resigns or is removed shall not be released from its obligations hereunder for a period of three (3) months after the resignation or discharge, unless a successor Unit Operator has taken over Unit Operations prior to the expiration of such period.

3.3 Selection of Successor. Upon the resignation or removal of a Unit Operator, a successor Unit Operator shall be selected by an affirmative vote of more than fifty percent (50%) of the Phase II voting interest; provided that, if the Unit Operator that is removed votes only to succeed itself or fails

to vote and the remaining Phase II voting interest is fifty percent (50%) or less, the successor Unit Operator may be selected by the affirmative vote of at least ninety percent (90%) of the Phase II voting interest remaining after excluding the Phase II voting interest of the Unit Operator that was removed.

ARTICLE 4
AUTHORITIES AND DUTIES OF UNIT OPERATOR

4.1 Exclusive Right to Operate Unit. Subject to the provisions of this Plan of Unitization and to instructions from the Operating Committee, Unit Operator shall have the exclusive right and be obligated to conduct Unit Operations.

4.2 Workmanlike Conduct. Unit Operator shall conduct Unit Operations in a good and workmanlike manner as would a prudent operator under the same or similar circumstances. Unit Operator shall freely consult with the Operating Committee and keep it informed of all matters which Unit Operator, in the exercise of its best judgment, considers important. Unit Operator shall not be liable to Lessees for damages, unless such damages result from its gross negligence or willful misconduct.

4.3 Liens and Encumbrances. Unit Operator shall endeavor to keep the lands, leases and equipment in the Unit Area free from all liens and encumbrances occasioned by Unit Operations, except the lien of Unit Operator granted hereunder.

4.4 Employees. The number of employees used by Unit Operator in conducting Unit Operations, their selection, hours or labor, and compensation shall be determined by Unit Operator. Such employees shall be the employees of Unit Operator.

4.5 Records. Unit Operator shall keep correct books, accounts and records of Unit Operations.

4.6 Reports to Lessees. Unit Operator shall furnish to Lessees periodic reports of Unit Operations.

4.7 Reports to Governmental Authorities. Unit Operator shall make all reports to governmental authorities that it has the duty to make as Unit Operator.

4.8 Engineering and Geological Information. Unit Operator shall furnish to a Lessee, upon written request, a copy of the log and other engineering and geological data pertaining to wells drilled for Unit Operations.

4.9 Expenditures. Unit Operator is authorized to make single expenditures not in excess of Fifteen Thousand Dollars (\$15,000.00) without prior approval of the Operating Committee. If an emergency occurs, Unit Operator may immediately make or incur such expenditures as in its opinion are required to deal with the emergency. Unit Operator shall report to Lessees, as promptly as possible, the nature of the emergency and the action taken.

4.10 Well Drilled by Unit Operator. All wells drilled by Unit Operator shall be at the usual rates prevailing in the area. Unit Operator may employ its own tools and equipment, but the charge therefor shall not exceed the prevailing rate in the area, and the work shall be performed by Unit Operator under the same terms and conditions as are usual in the area in contracts of independent contractors doing work of a similar nature.

ARTICLE 5 TAXES

5.1 Payment. Any and all ad valorem taxes payable upon the Lessee Interest (and upon royalty interests which are not payable by the owners thereof) or upon materials, equipment, or other properties acquired and held by Unit Operator hereunder, and any and all taxes (other than income taxes) upon or measured by Unitized Substances produced from the Unit Area, which are not payable by the purchaser or purchasers thereof or by the Royalty Owners, shall be paid by Unit Operator as and when due and payable.

5.2 Apportionment. Taxes upon materials, equipment and other properties acquired and held by Unit Operator hereunder shall be charged to the joint account. All taxes (other than income taxes) upon or directly measured by the value of Unitized Substances produced shall be apportioned to the Lessees in the same proportion as the assessed value of their respective portions

of the Unitized Substances produced bears to the whole; provided that any Lessee whose acreage is subject to a separately assessed overriding royalty interest, production payment or similar interest in excess of the basic $1/8$ royalty shall be given credit for any reduction in the assessed valuation of his unit property attributable to such separate assessment.

5.3 Notices and Returns. Each Lessee shall promptly furnish Unit Operator with copies of notices, assessments, levies, of tax statements received by it pertaining to the taxes to be paid by Unit Operator. Unit Operator shall make such returns, reports, and statements as may be required by law in connection with any taxes above provided to be paid by it and shall furnish copies to the parties upon request. Unit Operator shall notify the Lessees of any tax which it does not propose to pay before such tax becomes delinquent.

5.4 Other Taxes. Each Lessee shall pay or cause to be paid all production, severance, gathering, and other taxes imposed upon or in respect of the production or handling of its share of Unitized Substances.

ARTICLE 6 INSURANCE

6.1 For Operations by Unit Operator. The Unit Operator shall carry insurance for the benefit of the joint account to cover the Unit Operator's operations covered by this agreement, as follows:

6.1.1 Workmen's Compensation Insurance. In compliance with the Workmen's Compensation Act of the State of North Dakota.

6.1.2 Comprehensive General Liability Insurance, excluding products. A single combined limit of \$1,000,000.00 each accident for bodily injuries or death and property damage.

6.1.3 Comprehensive Automobile Public Liability and Property Damage Insurance. A single combined limit of \$1,000,000.00 each accident for bodily injuries or death and property damage.

6.2 For Contracted Operations. The Unit Operator shall require its contractors and subcontractors working or performing services on the premises covered hereby to comply with the Workmen's Compensation Act of the State of North Dakota and to carry such other insurance and in such amounts as the Unit Operator shall deem necessary.

6.3 No Insurance on Jointly Owned Property. Unit Operator shall not carry physical damage insurance on jointly owned property, it being understood and agreed that each Lessee will be responsible for its own interest in such properties and will assume its portion of any loss that occurs. Each Lessee hereby waives its rights of recovery against all other Lessees to the agreement and agrees that all insurance policies covering its interest in the jointly owned property will be suitably endorsed to effectuate this waiver. Unit Operator shall promptly notify Lessees in writing of all losses involving damage to jointly owned property in excess of \$1,000.

6.4 New Facility Insurance. Whenever construction of a new plant or other facility of substantial value is involved, Unit Operator shall obtain or cause to be obtained for the benefit of the Lessees "All-Risk" insurance, subject to a nominal deductible, to cover the project during the construction period, during all testing, and until completion and final acceptance by Unit Operator.

ARTICLE 7 ADJUSTMENT OF INVESTMENTS

7.1 Personal Property Taken Over. Upon the effective date hereof, Lessees shall deliver to Unit Operator the following:

7.1.1 Wells. All wells completed in the Unitized Formation, and all wells drilled no deeper than the base of the Unitized Formation upon which operations have been suspended or which have been plugged and abandoned.

7.1.2 Well and Lease Equipment. The casing and tubing in each such well, together with the wellhead connections thereon, sucker rods, and all other lease and operating equipment used in the operation of such wells which Unit Operator determines is necessary or desirable for conducting Unit Operations. Unit Operator shall have up to twelve (12) months after the effective date hereof within which to make all such determinations. Upon Unit Operator determining that any equipment is surplus, such equipment shall be returned to the Lessees who delivered same to Unit Operator and such equipment shall not be considered to have been taken over under this Plan of Unitization.

7.1.3 Records. A copy of all production and well records that pertain to such wells.

7.2 Inventory and Evaluation of Personal Property.

Lessees shall, at Unit Expense, inventory and evaluate in accordance with the provisions of Exhibit "E" the personal property taken over, listed as "controllable material" in the Material Classification Manual dated September, 1967, by the Council of Petroleum Accountants Societies of North America and sucker rods in all wells. For the adjustment of investment only the materials hereinafter enumerated shall be valued as follows:

Tubular Goods	
Casing -	Surface casing no value. One string of casing from the surface to the top perforation or interval open to production all weights, grades and sizes \$1.00 per foot.
Tubing -	All weights and grades 2-3/8" O.D. at \$.50 per foot 2-7/8" O.D. at \$.65 per foot
Line Pipe -	No value
Metal Cattle Guards -	No value
Buildings -	All buildings taken over pursuant to 7.1.2 having 80 square feet or more: wood frame corrugated iron - \$1.00 per sq. ft.; pre-fab steel - \$2.00 per sq. ft.

Units, Pumping -	at 2¢ per inch-pound of peak torque - all types
Heads, Casing -	\$50.00 each
Heads, Tubing -	\$100.00 each
Rods, Sucker -	all grades, no credit for scrapers 3/4" - 35 cents per foot 7/8" - 45 cents per foot 1" - 55 cents per foot
Bottom hole pumps -	2" and under \$200 2 1/4" \$250 3" \$300
Electric motors -	\$15.00/hp

The Lessees will determine the average price per barrel of capacity for purchasing and installing insulation and heat tapes on tanks, treaters and heaters. Such price multiplied by 0.75 shall be the "insulation value." The value of each insulated vessel taken over by Unit Operator shall be increased by an amount determined by multiplying the barrels of capacity of such vessel by the insulation value.

Except for prices listed above, all materials and equipment taken over shall be priced in accordance with the provisions of Section IV of Exhibit "E."

7.3 Initial Investment Adjustment. Upon approval of Lessees of the inventory and evaluation, investments shall be adjusted as follows:

7.3.1 Each Lessee shall be credited with the value of its interest in all personal property taken over under Section 7.1.2 and evaluated under Section 7.2 and shall be charged with an amount equal to that obtained by multiplying the total value of all personal property taken over under Section 7.1.2 and evaluated under Section 7.2 by such Lessee's Phase II Unit Participation.

7.3.2 If the charge against any Lessee under Section 7.3.1 is greater than the amount credited to such Lessee, the resulting net charge shall be an item of Unit Expense chargeable against such Lessee. If the credit to any Lessee under Section 7.3.1 is greater

than the amount charged against such Lessee the resulting net credit shall be paid to such Lessee by Unit Operator out of funds received by it in settlement of the net charges described above.

7.4 General Facilities. The acquisition of warehouses, warehouse stocks, lease houses, camps, facility systems, and office buildings necessary for Unit Operations shall be by negotiation between the owners thereof and Unit Operator, subject to the approval of the Operating Committee.

7.5 Ownership of Personal Property and Facilities. Each Lessee, individually, shall by virtue hereof own an undivided interest, equal to its Phase II Unit Participation in all personal property and facilities taken over or otherwise acquired by Unit Operator pursuant to this agreement.

7.6 Condition of Wells. All wells delivered to Unit Operator in accordance with Section 7.1 shall be considered to be in usable physical condition to produce from the Unitized Formation unless Unit Operator shall have made a report to the Lessees within a reasonable period of time (not to exceed six months) setting forth those wells which were unusable on the effective date of the Unit and are needed for Unit Operations, together with an estimate of costs to make such wells usable. Upon approval by Lessees in accordance with Section 1.6.2, Unit Operator will restore such wells to a usable condition or redrill same if necessary. The Lessees owning the tract upon which any such well is located shall reimburse Unit Operator for the actual costs and expenses incurred by Operator in restoring such well to a usable condition or redrilling same up to a maximum amount of \$30,300.00. If the total money expenditure for restoring such well to a usable condition exceeds such maximum amount, then the difference between the actual cost and expenses and the maximum amount will be charged as a Unit Expense, in accordance with Unit Participation set out for Phase II on Exhibit C.

Any unusable well not needed for Unit operations will not be restored to usable condition and there will be no assessment levied against the tract under this Section.

7.7 Intangible Investment Adjustment. Attached hereto and marked Exhibit G is a schedule to be used for making intangible investment adjustments as herein provided. Exhibit G sets forth the name of each Lessee and the amount such Lessee shall pay or receive at the time each intangible investment adjustment is made. The first such adjustment shall be made promptly upon commencement of the third new well drilled in the Unit Area for the joint account after the effective date of this Plan of Unitization and thereafter promptly upon commencement of each new well, with the final such adjustment being made upon commencement of the tenth such new well. The redrilling of an unusable well pursuant to Section 7.5 hereof shall not be deemed a new well. Upon each such adjustment, each Lessee owing money as shown on Exhibit G shall pay such amount to Unit Operator. From funds so paid Unit Operator shall pay those Lessee's entitled to receive money, the amounts shown on said Exhibit G. The Lessees, the debits, the credits and amounts to be paid or received, set forth on Exhibit G are based upon ownership of the wells in the Unit Area on the date shown on Exhibit G. If upon the commencement of any such new well (third through the tenth) the ownership has changed for any reason, the names and amounts shall be revised, using the same basis of computation, and such adjustment shall be made upon the basis of the ownership at that time.

ARTICLE 8 UNIT EXPENSE

8.1 Basis of Charge to Lessees. Unit Operator initially shall pay all Unit Expense. Each Lessee shall reimburse Unit Operator for its share of Unit Expense. Each Lessee's share shall be the same as its Unit Participation in effect at the time; provided that, all Unit Expense for

investments and operating costs attributable to secondary recovery operations shall be borne by Lessees in proportion to their Phase II Unit Participation. All charges, credits and accounting for Unit Expense shall be in accordance with Exhibit E.

8.2 Budgets. Before or as soon as practical after the effective date hereof, Unit Operator shall prepare a budget of estimated Unit Expense including a capital budget for the remainder of the calendar year, and, on or before the first day of each September thereafter, shall prepare such a budget for the ensuing calendar year. A budget shall set forth the estimated Unit Expense by quarterly periods. Budgets shall be estimates only, and shall be adjusted or corrected by the Operating Committee and Unit Operator whenever an adjustment or correction is proper. A copy of each budget and adjusted budget shall promptly be furnished to each Lessee.

8.3 Advance Billings. Unit Operator shall have the right to require Lessees to advance their respective shares of estimated Unit Expense by submitting to Lessees, on or before the 15th day of any month, an itemized estimate thereof for the succeeding month, with a request for payment in advance. Within fifteen (15) days thereafter, each Lessee shall pay to Unit Operator its share of such estimate. Adjustments between estimated and actual Unit Expense shall be made by Unit Operator at the close of each calendar month, and the accounts of Lessees shall be adjusted accordingly.

8.4 Commingling of Funds. No funds received by Unit Operator under this agreement need be segregated or maintained by it as a separate fund, but may be commingled with its own funds.

8.5 Lien of Unit Operator. Each Lessee grants to Unit Operator a lien upon its Oil and Gas Rights in each Tract, and a security interest in its share of Unitized Substances when extracted and its interest in all Unit equipment, to secure

payment of its share of Unit Expense, together with interest thereon at the rate of ten percent (10%) per annum. To the extent that Unit Operator has a security interest under the Uniform Commercial Code of the State, Unit Operator shall be entitled to exercise the rights and remedies of a secured party under the Code. The bringing of a suit and the obtaining of judgment by Unit Operator for the secured indebtedness shall not be deemed an election of remedies or otherwise affect the lien rights or security interest as security for the payment thereof. In addition, upon default by any Lessee in the payment of its share of Unit Expense, Unit Operator shall have the right, without prejudice to other rights or remedies, to collect from the purchaser the proceeds from the sale of such Lessee's share of Unitized Substances until the amount owed by such Lessee, plus interest, has been paid. Each purchaser shall be entitled to rely upon Unit Operator's written statement concerning the amount of any default.

8.6 Unpaid Unit Expense. If any Lessee fails to pay its share of Unit Expense within sixty (60) days after rendition of a statement therefor by Unit Operator, each other Lessee agrees, upon request of Unit Operator, to pay its proportionate part of the unpaid share of Unit Expense of the defaulting Lessee. The Lessees that pay the share of Unit Expense of a defaulting Lessee shall be reimbursed by the Unit Operator for the amount so paid, plus any interest collected thereon, upon receipt by Unit Operator of any past due amount collected from the defaulting Lessee. Any Lessee so paying a defaulting Lessee's share of Unit Expense shall be subrogated to the lien and rights herein granted Unit Operator and the Dickinson Heath Sand Unit.

8.7 Uncommitted Royalty. Should a Royalty Interest in any Tract not be subject to this Plan of Unitization, and as a result thereof, the actual Royalty Interest payments with respect to such Tract are more or less than the Royalty Interest payments

computed on the basis of the Unitized Substances that are allocated to such Tract under the Unit Agreement, the difference shall be borne by or inure to the benefit of Lessees, in proportion to their respective Unit Participations in effect at the time; however, the difference to be borne by or inure to the benefit of Lessees shall not exceed an amount computed on the basis of one-eighth (1/8) of the difference between the Unitized Substances allocated to the Tract and the Unitized Substances produced from the Tract. Such adjustments shall be made by charges and credits to the joint account.

ARTICLE 9 NONUNITIZED FORMATIONS

9.1 Right to Operate. Any Lessee that now has or hereafter acquires the right to drill for and produce oil, gas or other minerals, from other than the Unitized Formation, shall have the right to do so notwithstanding this agreement or the Unit Agreement. In exercising the right, however, the Lessee shall exercise reasonable precaution to prevent unreasonable interference with Unit Operations. No Lessee shall produce Unitized Substances through any well drilled or operated by it. If any Lessee drills any well into or through the Unitized Formation, the Unitized Formation shall be protected in a manner satisfactory to Lessees so that the production of Unitized Substances will not be adversely affected.

ARTICLE 10 TITLES

10.1 Warranty and Indemnity. Each party hereto who may claim to own a Lessee Interest in and to any Tract or the Unitized Substances allocated thereto hereby agrees to indemnify and hold harmless the other Lessees from any loss due to failure, in whole or in part, of its title to any such interest, except failure of title arising out of Unit Operations; provided that, such indemnity shall be limited to an amount equal to the net value that has been received from the sale or receipt of Unitized

Substances attributed to the interest as to which title failed. Each failure of title will be deemed to be effective, insofar as this agreement is concerned, as of the first day of the calendar month in which such failure is finally determined, and there shall be no retroactive adjustment of Unit Expense, or retroactive allocation of Unitized Substances or the proceeds therefrom, as a result of title failure.

10.2 Failure Because of Unit Operations. The failure of title to any Lessee Interest in any Tract by reason of Unit Operations, including nonproduction from such Tract, shall not change the Unit Participation of the Lessee whose title failed in relation to the Unit Participations of the other Lessees at the time of the title failure.

ARTICLE 11 LIABILITY, CLAIMS AND SUITS

11.1 Individual Liability. The duties, obligations, and liabilities of Lessees shall be several and not joint or collective.

11.2 Settlements. Unit Operator may settle any single damage claim or suit involving Unit Operations not involving an expenditure in excess of Two Thousand Five Hundred Dollars (\$2,500.00) provided the payment is in complete settlement of such claim or suit. If the amount required for settlement exceeds the above specified amount, the Operating Committee shall assume and take over the further handling of the claim or suit unless such authority is expressly delegated to Unit Operator. All costs and expense of handling, settling, or otherwise discharging such claim or suit shall be an item of Unit Expense. If a claim is made against any Lessee or if any Lessee is sued on account of any matter arising from Unit Operations and over which such Lessee individually has no control because of the rights given Lessees and Unit Operator by this agreement and the Unit Agreement, the Lessee shall immediately notify the Unit Operator, and the claim or suit shall be treated as any other claim or suit involving Unit Operations.

ARTICLE 12
INTERNAL REVENUE PROVISION

12.1 Internal Revenue Provision. Notwithstanding any provisions herein that the rights and liabilities of the parties hereunder are several and not joint or collective, or that this agreement and the operations hereunder shall not constitute a partnership, if for Federal income tax purposes this agreement and the operations hereunder are regarded as a partnership, then each of the parties hereto hereby elects to be excluded from the application of all of the provisions of Subchapter K, Chapter 1, Subtitle A, of the Internal Revenue Code of 1954, as permitted and authorized by Section 761 of said Code and the regulation promulgated thereunder. Operator is hereby authorized and directed to execute on behalf of each of the parties hereto such evidence of this election as may be required by the Secretary of the Treasury of the United States or the Federal Internal Revenue Service, including specifically, but not by way of limitation, all of the returns, statements, and the data required by Federal Regulations 1.761-1(a). Should there be any requirement that each party hereto further evidence this election, each party hereto agrees to execute such documents and furnish such other evidence as may be required by the Federal Internal Revenue Service or as may be necessary to evidence this election. Each party hereto further agrees not to give any notices or take any other action inconsistent with the election made hereby. If any present or future income tax laws of the state in which the property covered by this agreement is located, or any future income tax law of the United States, contain, or shall hereafter contain, provisions similar to those contained in Subchapter K, Chapter 1, Subtitle A, of the Internal Revenue Code of 1954, under which an election similar to that provided by Section 761 of said Subchapter K is permitted, each of the parties hereto hereby makes such election or agrees to make such election as may be permitted by such laws. In making this election, each of the parties hereto hereby states that the income derived by him from the operations under this agreement can be

adequately determined without the computation of partnership taxable income.

ARTICLE 13
NOTICES

13.1 Notices. All notices required hereunder shall be in writing and shall be deemed to have been properly served when sent by mail or telegram to the address of the representative of each Lessee on the Operating Committee as furnished to Unit Operator in accordance with Section 1.1.

ARTICLE 14
WITHDRAWAL OF LESSEE

14.1 Withdrawal. A Lessee may withdraw from this agreement by transferring, without warranty of title, either express or implied, to the other Lessees who do not wish to withdraw, all of its Oil and Gas Rights together with its interest in all Unit Equipment and in all wells used in Unit Operations. Such transfer shall not relieve said Lessee from any obligation or liability incurred prior to the date of delivery of the transfer, which delivery may be made to Unit Operator as agent for the transferees. The interest transferred shall be owned by the transferees in proportion to their respective Unit Participation. The transferees, in proportion to the respective interests so acquired, shall pay transferor, for its interest in Unit Equipment, the fair net salvage value thereof, after deducting costs of plugging and abandoning wells, salvaging Unit Equipment, and returning the Unit Area to its original condition, as estimated and fixed by Lessees. After the date of delivery of the transfer, the withdrawing Lessee shall be relieved from all further obligations and liability hereunder, and the rights of such Lessee hereunder shall cease insofar as they existed by virtue of the interest transferred.

ARTICLE 15
ABANDONMENT OF WELLS

15.1 Rights of Former Owners. If the Operating Committee decides to abandon permanently any well within the Unit Area prior

to termination of the Unit Agreement, Unit Operator shall give written notice thereof to the Lessees of the Tract on which the well is located, and they shall have the option for a period of ninety (90) days after the sending of such notice to notify Unit Operator in writing of their election to take over and own the well. Within ten (10) days after the Lessees of the Tract have notified Unit Operator of their election to take over the well, they shall pay Unit Operator, for credit to the joint account, the amount estimated by Lessees to be the net salvage value of the casing and equipment in and on the well. The Lessees of the Tract, by taking over the well, agree to seal off effectively and protect the Unitized Formation, and upon abandonment to plug the well in compliance with applicable laws and regulations.

15.2 Plugging. If the Lessees of a Tract do not elect to take over a well located thereon which is proposed for abandonment, Unit Operator shall plug and abandon the well in compliance with applicable laws and regulations.

ARTICLE 16 ABANDONMENT OF OPERATIONS

16.1 Termination. Upon termination of the Plan of Unitization the following will occur:

16.1.1 Oil and Gas Rights. Oil and Gas Rights in and to each separate Tract shall no longer be affected by this agreement, and thereafter the parties shall be governed by the terms and provisions of the leases, contracts, and other instruments affecting the separate Tracts.

16.1.2 Right to Operate. Lessees of any Tract that desire to take over and continue to operate wells located thereon may do so by paying Unit Operator, for credit to the joint account, the net salvage value of the casing and equipment in and on the wells taken over, as estimated by Lessees, and by agreeing to plug properly each well at such time as it is abandoned.

16.1.3 Salvaging Wells. Unit Operator shall salvage as much of the casing and equipment in or on wells not taken over by Lessees of separate Tracts as can economically and reasonably be salvaged, and shall cause the wells to be plugged and abandoned properly.

16.1.4 Cost of Salvaging. Lessees shall share the cost of salvaging, liquidation or other distribution of assets and properties used in Unit Operations in proportion to their then effective respective Unit Participations.

IN WITNESS WHEREOF, the parties hereto have executed this agreement on the dates opposite their respective signatures.

UNIT OPERATOR AND LESSEE

CONTINENTAL OIL COMPANY

Date August 7, 1972

By

D. F. Mc
Attorney in Fact

LESSEES

Date _____

Date _____

Date _____

Date _____

Date _____

Date _____

Date _____

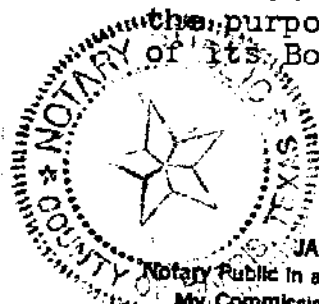
Date _____

STATE OF TEXAS }
COUNTY OF HARRIS } ss.

On this 7th day of AUGUST, 1972,
before me, the undersigned Notary Public, personally appeared

F. E. ELLIS

known to me to be and who, being by me duly sworn, did say that he is the person who is described in the within and foregoing instrument as Attorney in Fact of CONTINENTAL OIL COMPANY, a Delaware corporation, and who, as such Attorney in Fact, subscribed, signed and executed said instrument and he duly acknowledged to me that as such Attorney in Fact he subscribed, signed and executed said instrument as his free and voluntary act and deed on behalf of and as the free and voluntary act and deed of said CONTINENTAL OIL COMPANY, as principal, and for the purposes therein contained, and by authority of a resolution of its Board of Directors.



My commission expires: JUNE 1, 1973

Witness my hand and official seal.

JAUNITA DUPY
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1973

Jaunita Dupy
Notary Public (Signature)

JAUNITA DUPY
Notary's Name (Typed or Printed)

HOUSTON, TEXAS
Notary's Residence (Typed or Printed)

STATE OF _____ }
COUNTY OF _____ } ss.

On this _____ day of _____, 19____, before
me personally appeared _____,
known to me to be the _____ President of the corporation
described in and that executed the within instrument, and acknowl-
edged to me that such corporation executed the same.

Given under my hand and official seal this _____ day
of _____, 19____.

Notary Public

Name of Notary, typed or
Printed

My commission expires: _____

EXHIBIT "A"

DICKINSON HEATH SAND UNIT

Attached to and made a part of the Dickinson Heath Plan of Unitization:

<u>Tract No.</u>	<u>Legal Description</u>	<u>Tract Participation</u>	
		<u>Phase I</u>	<u>Phase II</u>
1	Lots 1, 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 4, T139N, R97W	.0000343	.0004796
2	Lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, Sec. 3, T139N, R97W	.0064385	.0186188
3	Lots 3, 4, S $\frac{1}{2}$ NW $\frac{1}{4}$, SW $\frac{1}{4}$, Sec. 2, T139N, R97W	.0069305	.0144771
4	SE $\frac{1}{4}$, Sec. 2, T139N, R97W	.0000009	.0000127
5	Lots 1, 2, S $\frac{1}{2}$ NE $\frac{1}{4}$, Sec. 2, T139N, R97W	.0005575	.0078047
6	Lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, Sec. 1, T139N, R97W	.0001380	.0019321
7	S $\frac{1}{2}$, Sec. 33, T140N, R97W	.0153918	.0107250
8	N $\frac{1}{2}$, Sec. 33, T140N, R97W	.0005443	.0076196
9	W $\frac{1}{2}$, Sec. 34, T140N, R97W	.0188121	.0212066
10	E $\frac{1}{2}$, Sec. 34, T140N, R97W	.0425022	.0621159
11	S $\frac{1}{2}$, Sec. 35, T140N, R97W	.0178525	.0483440
12	N $\frac{1}{2}$, Sec. 35, T140N, R97W	.0419617	.0465061
13	S $\frac{1}{2}$, Sec. 36, T140N, R97W	.0383328	.0244750
14	N $\frac{1}{2}$, Sec. 36, T140N, R97W	.0515164	.0687483
15	Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 31, T140N, R96W	.0031382	.0189942
16	Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 31, T140N, R96W	.0088562	.0219841
17	NE $\frac{1}{4}$, Sec. 31, T140N, R96W	.0172943	.0266113
18	SW $\frac{1}{4}$, Sec. 32, T140N, R96W	.0008564	.0119894
19	SE $\frac{1}{4}$, Sec. 32, T140N, R96W	.0114521	.0093428
20	NW $\frac{1}{4}$, Sec. 32, T140N, R96W	.0044658	.0197317
21	NE $\frac{1}{4}$, Sec. 32, T140N, R96W	.0037993	.0096794
22	N $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 33, T140N, R96W	.0000138	.0001927
23	N $\frac{1}{2}$, Sec. 33, T140N, R96W	.0067652	.0054512
24	S $\frac{1}{2}$, Sec. 27, T140N, R97W	.0268149	.0130041
25	NW $\frac{1}{4}$, Sec. 27, T140N, R97W	.0000507	.0007099
25A	NE $\frac{1}{4}$, Sec. 27, T140N, R97W	.0002451	.0034309
26	W $\frac{1}{2}$, Sec. 26, T140N, R97W	.0133241	.0156815
27	E $\frac{1}{2}$, Sec. 26, T140N, R97W	.0361328	.0339601
28	S $\frac{1}{2}$, Sec. 25, T140N, R97W	.0376244	.0540176
29	NW $\frac{1}{4}$, Sec. 25, T140N, R97W	.0001252	.0017533

Tract No.	Legal Description	Tract Participation	
		Phase I	Phase II
30	NE $\frac{1}{4}$, Sec. 25, T140N, R97W	.0002781	.0038926
31	Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$, Sec. 30, T140N, R96W	.0545098	.0281301
32	SE $\frac{1}{4}$, Sec. 30, T140N, R96W	.0008423	.0097316
33	Lots 1, 2, E $\frac{1}{2}$ NW $\frac{1}{4}$, Sec. 30, T140N, R96W	.0284200	.0192818
34	NE $\frac{1}{4}$, Sec. 30, T140N, R96W	.0404603	.0275386
35	SW $\frac{1}{4}$, Sec. 29, T140N, R96W	.0025171	.0081254
36	SE $\frac{1}{4}$, Sec. 29, T140N, R96W	.0052661	.0126215
37	N $\frac{1}{2}$, Sec. 29, T140N, R96W	.0281971	.0324250
38	S $\frac{1}{2}$, Sec. 28, T140N, R96W	.0022607	.0067879
39	N $\frac{1}{2}$, Sec. 28, T140N, R96W	.0055502	.0149947
40	W $\frac{1}{2}$, Sec. 27, T140N, R96W	.0066458	.0018212
41	SE $\frac{1}{4}$, Sec. 22, T140N, R97W	.0000049	.0000681
42	S $\frac{1}{2}$, Sec. 23, T140N, R97W	.0089000	.0050399
43	SW $\frac{1}{4}$, Sec. 24, T140N, R97W	.0000223	.0003126
44	SE $\frac{1}{4}$, Sec. 24, T140N, R97W	.0000022	.0000306
45	Lots 3, 4, E $\frac{1}{2}$ SW $\frac{1}{4}$, T140N, R96W	.0001858	.0026014
46	E $\frac{1}{2}$, Sec. 19, T140N, R96W	.0026126	.0093493
47	S $\frac{1}{2}$, Sec. 20, T140N, R96W	.0400628	.0255737
48	N $\frac{1}{2}$, Sec. 20, T140N, R96W	.0396916	.0202703
49	S $\frac{1}{2}$, Sec. 21, T140N, R96W	.0110967	.0222063
50	N $\frac{1}{2}$, Sec. 21, T140N, R96W	.0573161	.0348998
51	S $\frac{1}{2}$, Sec. 22, T140N, R96W	.0013592	.0085652
52	N $\frac{1}{2}$, Sec. 22, T140N, R96W	.0867022	.0427044
53	W $\frac{1}{2}$, Sec. 23, T140N, R96W	.0277060	.0182180
54	SE $\frac{1}{4}$, Sec. 23, T140N, R96W	.0000338	.0004725
55	NE $\frac{1}{4}$, Sec. 23, T140N, R96W	.0000893	.0012498
56	S $\frac{1}{2}$, NE $\frac{1}{4}$, Sec. 17, T140N, R96W	.0242209	.0074167
57	SW $\frac{1}{4}$, Sec. 16, T140N, R96W	.0004287	.0060023
58	SE $\frac{1}{4}$, Sec. 16, T140N, R96W	.0000482	.0006745
59	NW $\frac{1}{4}$, Sec. 16, T140N, R96W	.0000986	.0013797
60	W $\frac{1}{2}$, Sec. 15, T140N, R96W	.0002594	.0036321
61	E $\frac{1}{2}$, Sec. 15, T140N, R96W	.0590487	.0237544
62	W $\frac{1}{2}$, Sec. 14, T140N, R96W	.0530413	.0185398

<u>Tract No.</u>	<u>Legal Description</u>	<u>Tract Participation</u>	
		<u>Phase I</u>	<u>Phase II</u>
63	E $\frac{1}{2}$, Sec. 14, T140N, R96W	.0001357	.0019002
64	SE $\frac{1}{4}$, Sec. 3, T139N, R97W	.0000001	.0000004
65	Lots 1, 2, 3, 4, S $\frac{1}{2}$ N $\frac{1}{2}$, Sec. 5, T139N, R96W	.0000134	.0001879
	Totals	1.0000000	1.0000000

R. 97 W.

R. 96 W.

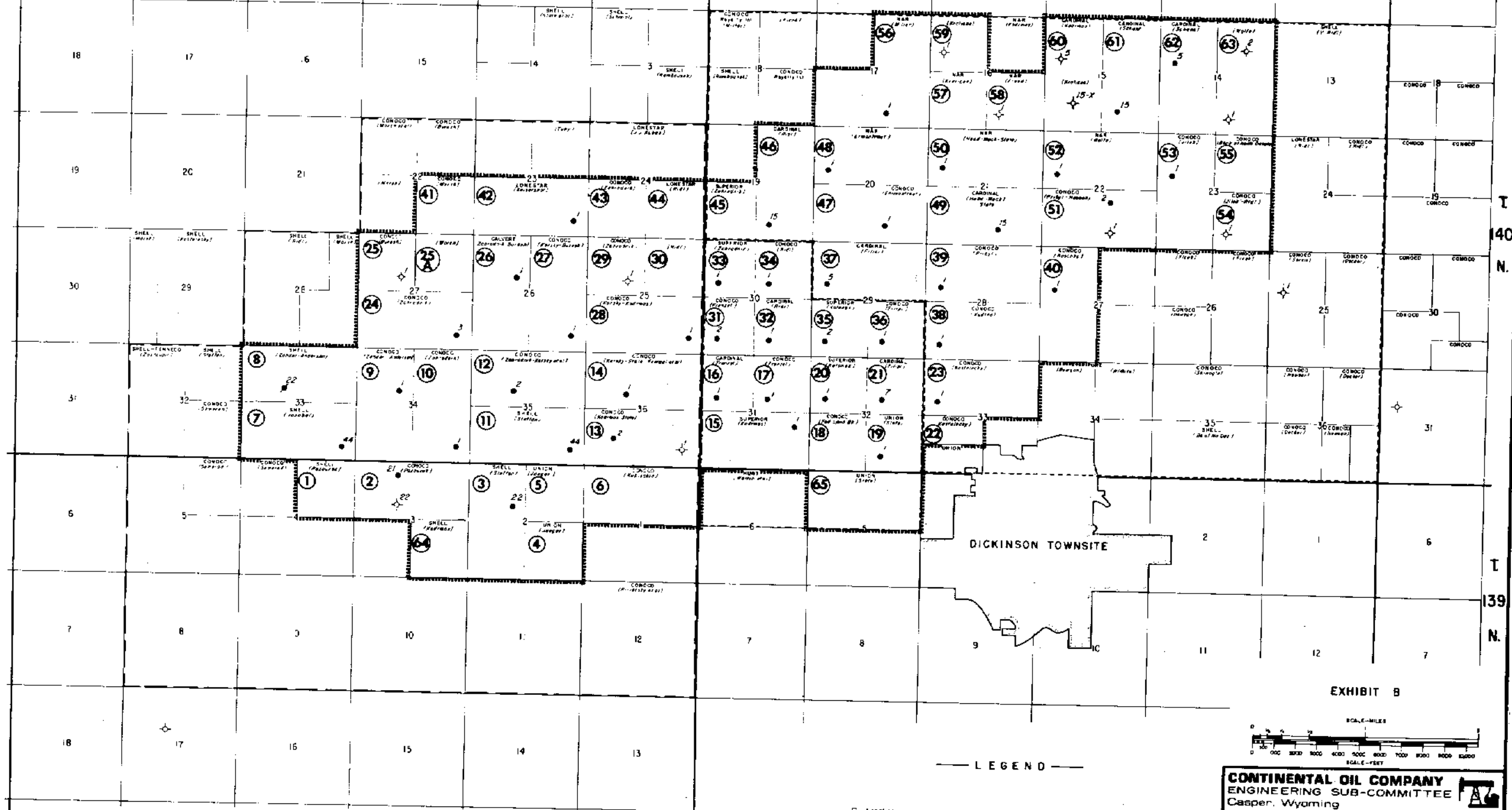


EXHIBIT B



— LEGEND —

- Location
- Oil Well
- ✱ Shut-in Well
- ✱ Abandoned
- Dickinson Field 160 Acre Spacing
- Dickinson Field 320 Acre Spacing
- West Dickinson Field 320 Acre Spacing
- Unit Outline — Proposed

33

Tract Number

CONTINENTAL OIL COMPANY
ENGINEERING SUB-COMMITTEE
Casper, Wyoming

WEST DICKINSON — DICKINSON FIELDS
TRACT AND OWNERSHIP MAP

County: Stark State: North Dakota
Engineering Committee Draftsman: B.S. Date: 10-11-71
Scale: 1" = 2640' Well Status: Partial to: 1-73
Rev. by: Date: 2-73

EXHIBIT "C"

DICKINSON HEATH SAND UNIT

Attached to and made a part of the Dickinson Heath Plan of Unitization:

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
M. R. Canon	6	7.45258%	<u>.0000103</u>	<u>.0001440</u>
Totals			.0000103	.0001440
Cardinal Petroleum Company	16	98.35527%	.0087105	.0216225
	21	97.50%	.0037043	.0094374
	32	100%	.0008423	.0097316
	37	97.5%	.0274922	.0316144
	46	50%	.0013063	.0046746
	49	100%	.0110967	.0222063
	58	50%	.0000241	.0003373
	60	69.92188%	.0001814	.0025396
	61	31.91964%	.0188481	.0075823
	62	61.58854%	<u>.0326674</u>	<u>.0114184</u>
Totals			.1048733	.1211644
Central Oil Company	26	58.59375%	<u>.0078071</u>	<u>.0091884</u>
Totals			.0078071	.0091884
Cities Service Oil Company	20	25%	.0011164	.0049329
	35	25%	<u>.0006293</u>	<u>.0020314</u>
Totals			.0017457	.0069643
Continental Oil Company	2	50%	.0032193	.0093094
	5	16.66667%	.0000929	.0013008
	6	84.31020%	.0001163	.0016290
	8	12.5%	.0000680	.0009524
	9	50%	.0094061	.0106033
	10	50%	.0212511	.0310580
	12	50%	.0209808	.0232530
	13	60%	.0229997	.0146850
	14	30.46875%	.0156965	.0209467
	15	50%	.0015691	.0094971

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Continental Oil Company	17	70.99125%	.0122775	.0188917
	18	51.56250%	.0004415	.0061820
	22	100%	.0000138	.0001927
	23	100%	.0067652	.0054512
	24	50%	.0134075	.0065021
	25	100%	.0000507	.0007099
	27	50%	.0180664	.0169800
	28	50%	.0188122	.0270088
	29	100%	.0001252	.0017533
	31	75%	.0408824	.0210975
	34	100%	.0404603	.0275386
	36	75%	.0039495	.0094661
	38	75%	.0016955	.0050909
	39	80.13600%	.0044477	.0120162
	40	100%	.0066458	.0018212
	41	50%	.0000024	.0000341
	43	100%	.0000223	.0003126
	46	50%	.0013063	.0046747
	47	75%	.0300471	.0191803
	48	13.12254%	.0052085	.0026600
	50	18.75%	.0107468	.0065437
	51	62.50%	.0008495	.0053533
	52	18.75%	.0162566	.0080071
	53	100%	.0277060	.0182180
	54	35.06250%	.0000085	.0001184
	55	50%	.0000447	.0006249
	56	4.68750%	.0011354	.0003476
	60	2.34375%	.0000061	.0000851
	63	100%	<u>.0001357</u>	<u>.0019002</u>
Totals			.3569169	.3519969
Felmont Oil Corporation	14	18.75%	.0096593	.0128903
	18	18.75%	<u>.0001606</u>	<u>.0022480</u>
Totals			.0098199	.0151383

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
A. G. Golden	48	1.56250%	<u>.0006202</u>	<u>.0003167</u>
Totals			.0006202	.0003167
G. G. Green	26	3.90625%	<u>.0005205</u>	<u>.0006125</u>
Totals			.0005205	.0006125
Helmerich & Payne, Inc.	56	23.43750%	.0056768	.0017383
	60	11.71875%	<u>.0000304</u>	<u>.0004257</u>
Totals			.0057072	.0021640
Lewis W. Hill, Jr.	13	20%	.0076665	.0048950
	14	10.15625%	.0052321	.0069823
	17	11.83188%	.0020462	.0031486
	18	7.03125%	.0000602	.0008430
	31	12.50%	.0068137	.0035163
	36	12.50%	.0006583	.0015777
	38	12.50%	.0002826	.0008485
	47	10.93750%	.0043819	.0027971
	48	15.02991%	.0059656	.0030466
	50	20.31250%	.0116423	.0070890
	51	11.42578%	.0001553	.0009786
	52	40.62500%	.0352228	.0173487
	56	1.17190%	.0002838	.0000869
	57	25%	.0001072	.0015006
	59	17.05800%	.0000169	.0002353
	60	13.67187%	.0000354	.0004966
	61	16.18304%	.0095559	.0038442
	62	9.68192%	<u>.0051354</u>	<u>.0017950</u>
Totals			.0952621	.0610300
Huston Huffman	56	4.68750%	.0011353	.0003477
	60	2.34375%	<u>.0000061</u>	<u>.0000851</u>
			.0011414	.0004328

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
Hunt Petroleum Corporation	48	25%	<u>.0099229</u>	<u>.0050676</u>
Totals			.0099229	.0050676
H. L. Hunt	21	2.50%	.0000950	.0002420
	37	2.50%	<u>.0007049</u>	<u>.0008106</u>
Totals			.0007999	.0010526
Glyde W. Jones	16	1.64473%	.0001457	.0003616
(Glyde W. Jones - 50%				
and	17	1.64500%	.0002845	.0004378
Linda K. Jones - 50%)	18	3.12500%	<u>.0000268</u>	<u>.0003747</u>
Totals			.0004570	.0011741
Gene C. Litch	5	8.33333%	<u>.0000465</u>	<u>.0006504</u>
Totals			.0000465	.0006504
Lone Star Producing Company	42	100%	.0089000	.0050399
	44	100%	.0000022	.0000306
	54	74.93750%	.0000253	.0003541
	55	50%	<u>.0000446</u>	<u>.0006249</u>
Totals			.0089721	.0060495
Vicent and Mary Marsh et al	25A	100%	<u>.0002451</u>	<u>.0034309</u>
Totals			.0002451	.0034309
J. Hiram Moore	39	19.86400%	.0011025	.0029785
(J. Hiram Moore,				
Betty Jane Moore,	51	2.34375%	.0000319	.0002007
Michael Harrison Moore,	59	5.20620%	.0000051	.0000718
Trustees of the Moore	61	3.57142%	.0021089	.0008484
Trust)	62	2.67857%	<u>.0014208</u>	<u>.0004966</u>
Totals			.0046692	.0045960
North American Royalties, Inc.	13	20%	.0076666	.0048950
	14	10.15625%	.0052321	.0069823
	17	15.53187%	.0026861	.0041332
	18	7.03125%	.0000602	.0008430
	20	25%	.0011165	.0049329

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u> <u>Phase I</u>	<u>Phase II</u>
North American Royalties, Inc.	31	12.50%	.0068137	.0035163
	35	25%	.0006293	.0020313
	36	12.50%	.0006583	.0015777
	38	12.50%	.0002826	.0008485
	47	14.06250%	.0056338	.0035963
	48	45.28505%	.0179744	.0091794
	50	60.93750%	.0349270	.0212671
	51	23.73047%	.0003225	.0020326
	52	40.62500%	.0352228	.0173486
	56	66.01560%	.0159896	.0048962
	57	75%	.0003215	.0045017
	58	50%	.0000241	.0003372
	59	77.73580%	.0000766	.0010726
	61	28.68304	.0169370	.0068135
	62	19.05692	<u>.0101080</u>	<u>.0035331</u>
Totals			.1626827	.1043385
Joe and Lillian Ridd	30	100%	<u>.0002781</u>	<u>.0038926</u>
Totals			.0002781	.0038926
Shell Oil Company	1	100%	.0000343	.0004796
	2	50%	.0032192	.0093094
	3	100%	.0069305	.0144771
	7	100%	.0153918	.0107250
	8	87.5%	.0004763	.0066672
	9	50%	.0094060	.0106033
	10	50%	.0212511	.0310579
	11	100%	.0178525	.0483440
	12	50%	.0209809	.0232531
	14	30.46875%	.0156964	.0209467
	24	50%	.0134074	.0065020
	26	37.5%	.0049965	.0058806
	27	50%	.0180664	.0169801

<u>Lessees</u>	<u>Tracts</u>	<u>Interest In Tract</u>	<u>Participation</u>	
			<u>Phase I</u>	<u>Phase II</u>
	28	50%	.0188122	.0270088
	41	50%	.0000025	.0000340
	64	100%	<u>.0000001</u>	<u>.0000004</u>
Totals			.1665241	.2322692
Hudson Smart	18	12.50%	<u>.0001071</u>	<u>.0014987</u>
Totals			.0001071	.0014987
Superior Oil Company	15	50%	.0015691	.0094971
	20	50%	.0022329	.0098659
	33	100%	.0284200	.0192818
	35	50%	.0012585	.0040627
	45	100%	<u>.0001858</u>	<u>.0026014</u>
Totals			.0336663	.0453089
Union Oil Company	4	100%	.0000009	.0000127
	5	75%	.0004181	.0058535
	19	100%	.0114521	.0093428
	65	100%	<u>.0000134</u>	<u>.0001879</u>
Totals			.0118845	.0153969
I. S. Wilhite	6	8.23722%	<u>.0000114</u>	<u>.0001591</u>
Totals			.0000114	.0001591

Tracts 61 and 62 Subgroup - Unleased

	<u>Tract</u>	<u>Participation</u>	
		<u>Phase I</u>	<u>Phase II</u>
Theodore Kellogg	61	.0005074	.0002041
	62	.0004558	.0001593
Ward M. Kirby	61	.0010149	.0004083
	62	.0009117	.0003187
Paul G. Kloster	61	.0008458	.0003402
	62	.0007597	.0002656
E. F. & Gladys M. Rakowski	61	.0007469	.0003005
	62	.0006709	.0002345
Jacob & Kathryn Schank	61	.0074690	.0030047
Gordon W. Schnell	61	.0005074	.0002041
	62	.0004558	.0001593
John L. Sherman	61	.0005074	.0002041
	62	<u>.0004558</u>	<u>.0001593</u>
Total Subgroup		<u>.0153085</u>	<u>.0059627</u>
Total - All Working Interest Owners		<u>1.0000000</u>	<u>1.0000000</u>

EXHIBIT "D"

SCHEDULE SHOWING THE PERCENTAGE AND KIND OF OWNERSHIP OF OIL AND GAS INTERESTS IN ALL LANDS
IN THE Dickinson Heath Sand UNIT AREA, Stark COUNTY, N. Dakota

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
1.	Township 139 North, Range 97 West Section 4: Lots 1, 2, S/2NE/4	158.23	HBP	Rudolf Pazourek and Marie Pazourek 12.50%		Shell Oil Company 100%	Shell Oil Company 100%
2.	Township 139 North, Range 97 West Section 3: Lots 1, 2, 3, 4, S/2N/2	316.16	HBP	Rudolf Pazourek and Marie Pazourek 12.50%	(2) David C. Jones 2.5%	Shell Oil Company 50% (1) Continental Oil Company 50%	Shell Oil Company 50% Continental Oil Company 50%
3.	Township 139 North, Range 97 West Section 2: Lots 3, 4, S/2NW/4, SW/4	317.65	HBP	Charles J. Steffan 12.50%	Robert L. Grady General Grude Oil Company .50% 6.25%	Shell Oil Company 100%	Shell Oil Company 100%
4.	Township 139 North, Range 97 West Section 2: SE/4	160.00	9-29-74	Monica Jaeger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	Union Oil Company of California 100%
5.	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Shelia J. Boulger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	Union Oil Company of California 75.0000% Continental Oil Company 16.6667% Gene C. Litch 8.3333%
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Richard V. and Luella M. Boulger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	

(1) This footnote has been eliminated.

(2) Payable out of Continental Oil Company Interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
5.	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Delmar L. and Phyllis Boulger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Jack A. and Lorraine Boulger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Chester E. and Betty Boulger Carpenter 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	6.55625 157.35000	10- 8-74	Joan M. Patterson 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	13.11250 157.35000	3-29-73	Mildred D. Burnett and Glenn R. Burnett 12.50%		Continental Oil Company 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	13.11250 157.35000		Gene C. Litch 12.50%		Gene C. Litch 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	13.11250 157.35000	3-29-73	Calvin M. Litch 12.50%		Continental Oil Company 100%	
	Township 139 North, Range 97 West Section 2: Lots 1, 2, S/2NE/4	78.67500 157.35000	9-29-74	Monica Jaeger 12.50%	R. E. Moore 2.0%	Union Oil Company of California 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
6.	Township 139 North, Range 97 West Section 1: Lots 1, 2, 3, 4, S/2N/2	237.67 317.34	8-28-73	Joseph F. Kubischta and Victoria Kubischta 12.50%		Continental Oil Company 100%	Continental Oil Company 84.31020% I. J. Wilhite 8.23722% Myrtle Ray Canon 7.45258%
	Township 139 North, Range 97 West Section 1: Lots 1, 2, 3, 4, S/2N/2	26.14 317.34		I. J. Wilhite		I. J. Wilhite 100%	
	Township 139 North, Range 97 West Section 1: Lots 1, 2, 3, 4, S/2N/2	29.88 317.34	6-11-73	Sam Sloven 18.75% and Western Steel & Plumbing Supply Co.		Continental Oil Company 100%	
	Township 139 North, Range 97 West Section 1: Lots 1, 2, 3, 4, S/2N/2	23.65 317.34		Myrtle Ray Canon 12.50%		Myrtle Ray Canon 100%	
7.	COMMUNITIZED TRACT:						
	Township 140 North, Range 97 West Section 33: SE/4	120.00 160.00	HBP	Joseph W. Vozabal 4.16667% A. G. Golden 2.08333% Clyde W. Jones 1.04167% R. E. Moore 2.08333% C. C. Spencer 1.82292% Fred H. Wurden .26042% Linda K. Jones 1.04166% total 12.50000%		Shell Oil Company 100%	Shell Oil Company 100%
	Township 140 North, Range 97 West Section 33: SE/4	40.00 160.00	HBP	General Crude Oil Company 25.00000%	Robert L. Grady 1/2 of 1% of 12 1/2%	Shell Oil Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
7.	<u>Township 140 North, Range 97 West</u> <u>Section 33: SW/4</u>	160.00	HBP	Norman J. Zander and Marie E. Zander 6.25% Andrew J. Anderson and Louise Anderson 6.25% total 12.50%		Shell Oil Company 100%	
8.	<u>COMMUNITIZED TRACT:</u> <u>Township 140 North, Range 97 West</u> <u>Section 33: NW/4</u>	160.00	HBP	Norman J. Zander and Marie E. Zander 6.25% Andrew J. Anderson and Louise Anderson 6.25% total 12.50%		Shell Oil Company 100%	Continental Oil Company 12.5% Shell Oil Company 87.5%
	<u>Township 140 North, Range 97 West</u> <u>Section 33: NE/4</u>	80.00 160.00	HBP	Norman J. Zander and Marie E. Zander 12.50%	(a) Robert L. Grady .50%	Continental Oil Company 25% Shell Oil Company 75%	
	<u>Township 140 North, Range 97 West</u> <u>Section 33: NE/4</u>	80.00 160.00	HBP	Andrew J. Anderson and Louise Anderson 6.25000% R. E. Moore 3.12500% C. C. Spencer 2.73438% Fred H. Wurden .39062% total 12.50000%	(a) Robert L. Grady .50%	Continental Oil Company 25% Shell Oil Company 75%	

(a) This overriding royalty out of Shell Oil Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
9.	<u>Township 140 North, Range 97 West</u> <u>Section 34: W/2</u>	160.00 <u>320.00</u>	HBP	Andrew J. Anderson and Louise Anderson 6.25000% R. E. Moore 3.12500% C. C. Spencer 2.73438% Fred H. Wurden <u>.39062%</u> total 12.50000%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
	<u>Township 140 North, Range 97 West</u> <u>Section 34: W/2</u>	160.00 <u>320.00</u>	HBP	Norman J. Zander and Marie E. Zander 12.50%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	
10.	<u>Township 140 North, Range 97 West</u> <u>Section 34: E/2</u>	320.00	HBP	Louis L. Zahradnik and Mildred D. Zahradnik 7.8125% Louis L. Zahradnik 3.1250% Mildred Zahradnik <u>1.5625%</u> total 12.5000%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
11.	<u>Township 140 North, Range 97 West</u> <u>Section 35: S/2</u>	320.00	HBP	Charles J. Steffan 12.50%	Robert L. Grady General Crude Oil Company .50% 6.25%	Shell Oil Company 100%	Shell Oil Company 100%

(3) This overriding royalty out of Shell Oil Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
12.	<u>COMMUNITIZED TRACT:</u>						
	<u>Township 140 North, Range 97 West</u> <u>Section 35: NE/4</u>	80.00 160.00	HBP	Louis Karsky and Agnes Karsky	12.50% (3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
	<u>Township 140 North, Range 97 West</u> <u>Section 35: NE/4</u>	40.00 160.00	HBP	First National Bank of Dickinson, N. Dakota	(3) Robert L. Grady .50% 12.50%	Continental Oil Company 50% Shell Oil Company 50%	
	<u>Township 140 North, Range 97 West</u> <u>Section 35: NE/4</u>	40.00 160.00	HBP	Donald F. Martin 6.25% Dorothy Ponton 6.25% total 12.50%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	
	<u>Township 140 North, Range 97 West</u> <u>Section 35: NW/4</u>	160.00	HBP	Louis L. Zahradnik and Mildred D. Zahradnik 12.50%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	
13.	<u>COMMUNITIZED TRACT:</u>						
	<u>Township 140 North, Range 97 West</u> <u>Section 36: S/2</u>	160.00 320.00	HBP	J. J. Kadrmas, Jr. and Mildred Kadrmas 2.50% Linda Kadrmas 2.50% Arnold E. Kadrmas 2.50% Joan Schmidt 2.50% J. J. Kadrmas, Jr., custodian of Douglas Kadrmas, a minor 2.50% total 12.50%	(3) Robert L. Grady .50%	Continental Oil Company 60% North American Royalties, Inc. 20% Louis W. Hill, Jr. 20%	(5) Continental Oil Company 47.57812% North American Royalties, Inc. 15.85938% Shell Oil Company 17.57812% Louis W. Hill, Jr. 15.85938% Felmont Oil Corporation 3.12500%

(3) This overriding royalty out of Shell Oil Company working interest.

(5) After 200% non-consent payout - prior to payout, Continental Oil Company 60%; North American Royalties, Inc. 20% and Louis W. Hill, Jr. 20%.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
	<u>Township 140 North, Range 97 West</u> <u>Section 36: SW/4</u>	<u>80.00</u> <u>160.00</u>	HBP	State of North Dakota	12.50% ; Robert L. Grady .50%	Continental Oil Company 32.8125% (4) Shell Oil Company 32.8125% North American Royalties, Inc. 10.9375% Louis W. Hill, Jr. 10.9375% (4) Felmont Oil Corporation 12.5000%	
	<u>Township 140 North, Range 97 West</u> <u>Section 36: SE/4</u>	<u>80.00</u> <u>160.00</u>	HBP	State of North Dakota	12.50% ; Robert L. Grady .50%	Continental Oil Company 37.50% (6) Shell Oil Company 37.50% North American Royalties, Inc. 12.50% Louis W. Hill, Jr. 12.50%	
14.	<u>COMMUNITIZED TRACT:</u>						
	<u>Township 140 North, Range 97 West</u> <u>Section 36: N/2</u>	<u>160.00</u> <u>320.00</u>	HBP	State of North Dakota	12.50% ; Robert L. Grady .50%	Continental Oil Company 30.46875% Shell Oil Company 30.46875% North American Royalties, Inc. 10.15625% Louis W. Hill, Jr. 10.15625% Felmont Oil Corporation 18.75000%	Continental Oil Company 30.46875% Shell Oil Company 30.46875% North American Royalties, Inc. 10.15625% Louis W. Hill, Jr. 10.15625% Felmont Oil Corporation 18.75000%

(4) Shell Oil Company and Felmont Oil Corporation interest is a carried working interest until payout.

(3) This overriding royalty out of Shell Oil Company working interest.

(6) Shell Oil Company interest is a carried working interest until payout.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
	Township 140 North, Range 97 West Section 36: NE/4	80.00 160.00	HBP	Rose Frenzel 12.50%	(a) Robert L. Grady .50%	Continental Oil Company 30.46875% Shell Oil Company 30.46875% North American Royalties, Inc. 10.15625% Louis W. Hill, Jr. 10.15625% Felmont Oil Corporation 18.75000%	
	Township 140 North, Range 97 West Section 36: NW/4	80.00 160.00	HBP	Louis Karsky and Agnes Karsky 12.50%	(a) Robert L. Grady .50%	Continental Oil Company 30.46875% Shell Oil Company 30.46875% North American Royalties, Inc. 10.15625% Louis W. Hill, Jr. 10.15625% Felmont Oil Corporation 18.75000%	
15.	Township 140 North, Range 96 West Section 31: SE/4, E/2SW/4, Lots 3, 4	308.49	HBP	Joe J. Kadrmas, Jr. and Mildred Kadrmas 6.250% Felmont Oil Corporation 3.125% North American Royalties, Inc. 3.125% total 12.5000%	(a) The Superior Oil Company 6.25%	The Superior Oil Company 50% Continental Oil Company 50%	The Superior Oil Company 50% Continental Oil Company 50%

(a) This overriding royalty out of Continental Oil Company working interest.

(a) This overriding royalty out of Shell Oil Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
16.	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	31.86682 143.65000	HBP	Rose Frenzel 12.50%	T. D. Rimmer Placid Oil Company David A. Provinse (s) J. Philip Goan Henry K. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100% Cardinal Petroleum Company 98.35527% Clyde W. Jones .82236% Linda K. Jones .82237%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	5.90666 143.65000	HBP	First Trust Company of Saint Paul in Trust for Elsie Fors Hill 18.75%	T. D. Rimmer Placid Oil Company David A. Provinse (s) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	1.96889 143.65000	HBP	First Trust Company of Saint Paul in Trust for Johanna Maud Hill 18.75%	T. D. Rimmer Placid Oil Company David A. Provinse (s) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	1.96889 143.65000	HBP	First Trust Company of Saint Paul in Trust for Louis Fors Hill 18.75%	T. D. Rimmer Placid Oil Company David A. Provinse (s) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%

(s) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	1.96889 143.65000	HBP	First Trust Company of Saint Paul in Trust for Mari Hill 18.75%	T. D. Rimmer Placid Oil Company David A. Provinse (8) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	3.22729 143.65000	HBP	John M. Grinde 12.50%	T. D. Rimmer Placid Oil Company David A. Provinse (8) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	2.36266 143.65000	HBP	Clyde W. Jones 6.25% Linda K. Jones 6.25%			Clyde W. Jones 100% Linda K. Jones 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	.64546 143.65000	HBP	Mabel J. Karow, widow of Paul Karow, deceased	12.50% T. D. Rimmer Placid Oil Company David A. Provinse (8) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	.64546 143.65000	HBP	Clifford O. Knudtson 12.50%	T. D. Rimmer Placid Oil Company David A. Provinse (8) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	21.26398 143.65000	HBP	North American Royalties, Inc. 12.50%	T. D. Rimmer Placid Oil Company David A. Provinse (8) J. Philip Goan Henry R. C. Elser	1.250% 3.125% .750% .250% .250%	Cardinal Petroleum Company 100%

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
	Township 140 North, Range 96 West Section 31: Lots 1, 2, E/2NW/4	71.82500 <u>143.65000</u>	HBP	The Federal Land Bank of Saint Paul 12.50%	T. D. Rimmer 1.250% Placid Oil Company 3.125% David A. Provinse .750% (8) J. Philip Goan .250% Henry R. C. Elser .250%	Cardinal Petroleum Company 100%	
17.	Township 140 North, Range 96 West Section 31: NE/4	35.494 <u>160.000</u>	HBP	Rose Frenzel 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 70.99125% Louis W. Hill, Jr. 11.83188% North American Royalties, Inc. 15.53187% Clyde W. Jones .82250% Linda K. Jones .82250%
	Township 140 North, Range 96 West Section 31: NE/4	6.579 <u>160.000</u>	HBP	First Trust Company of Saint Paul in Trust for Elsie Fors Hill 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	2.194 <u>160.000</u>	HBP	First Trust Company of Saint Paul in Trust for Johanna Maud Hill 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	2.194 <u>160.000</u>	HBP	First Trust Company of Saint Paul in Trust for Louis Fors Hill 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.						

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
17.	Township 140 North, Range 96 West Section 31: NE/4	2.194 160.000	HBP	First Trust Company of Saint Paul in Trust for Mari Hill 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	3.595 160.000	HBP	John M. Grinde 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	2.632 160.000	HBP	Clyde W. Jones 6.25% Linda K. Jones 6.25%		Clyde W. Jones 100.0% Linda K. Jones 100.0%	
	Township 140 North, Range 96 West Section 31: NE/4	.719 160.000	HBP	Mabel J. Karow, widow of Paul Karow, deceased 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	.719 160.000	HBP	Clifford O. Knudtson 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
17.	Township 140 North, Range 96 West Section 31: NE/4	17.76 160.00	HBP	North American Royalties, Inc. 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 31: NE/4	5.92 160.00		North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100.0%	
	Township 140 North, Range 96 West Section 31: NE/4	80.00 160.00	HBP	The Federal Land Bank of Saint Paul 12.50%	(9) Placid Oil Company 18.75%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
18.	Township 140 North, Range 96 West Section 32: SW/4	2.50 160.00	HBP	First Trust Company of Saint Paul, as Trustee for Johanna Maud Hill 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 51.56250% North American Royalties, Inc. 7.03125% Louis W. Hill, Jr. 7.03125% Hudson Smart 12.50000% Clyde W. Jones 1.56250%
	Township 140 North, Range 96 West Section 32: SW/4	7.50 160.00	HBP	First Trust Company of Saint Paul, as Trustee for Elsie Fors Hill 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Felmont Oil Corporation 18.75000% Linda K. Jones 1.56250%

(9) This overriding royalty out of Continental Oil Company working interest on basis of 75% x 18.75%
North American Royalties, Inc. 12.5% x 18.75% and Louis W. Hill, Jr. 12.5% x 18.75%.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
18.	Township 140 North, Range 96 West Section 32: SW/4	2.50 160.00	HBP	First Trust Company of Saint Paul, as Trustee for Louis Fors Hill 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 32: SW/4	2.50 160.00	HBP	First Trust Company of Saint Paul, as Trustee for Mari Hill 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 32: SW/4	40.00 160.00		Continental Oil Company 7.42188% Felmont Oil Corporation 3.12500% Louis W. Hill, Jr. .97656% North American Royalties, Inc. .97656% total 12.50000%		Continental Oil Company 59.3750% North American Royalties, Inc. 7.8125% Louis W. Hill, Jr. 7.8125% Felmont Oil Corporation 25.0000%	
	Township 140 North, Range 96 West Section 32: SW/4	80.00 160.00	11- 4-76	The Federal Land Bank of Saint Paul 12.50%	(9)Placid Oil Company 18.75%	Continental Oil Company 59.3750% North American Royalties, Inc. 7.8125% Louis W. Hill, Jr. 7.8125% Felmont Oil Corporation 25.0000%	

(9)This overriding royalty out of Continental Oil Company working interest on basis of 75% x 18.75%; North American Royalties, Inc. 12.5% x 18.75%; and Louis W. Hill, Jr. 12.5% x 18.75%.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
18.	Township 140 North, Range 96 West Section 32: SW/4	5.00 160.00		Clyde W. Jones 6.25% Linda K. Jones 6.25%		Clyde W. Jones 100% Linda K. Jones 100%	
	Township 140 North, Range 96 West Section 32: SW/4	20.00 160.00		Hudson Smart 12.50%		Hudson Smart 100%	
19.	Township 140 North, Range 96 West Section 32: SE/4	160.00	HBP	State of North Dakota 12.50%		Union Oil Company of California 100%	Union Oil Company of California 100%
20.	Township 140 North, Range 96 West Section 32: NW/4	160.00	HBP	John F. Trunk and/or Mildred M. Trunk .39060% Johnnie Mae Cannon .97660% J. F. Brown .09765% Beeman Dockery .83980% Mildred S. Kalanek, Guardian 3.12500% Darlene McKinley Lane .78130% E. E. Trumbull .78130% Mary Margaret Pugh .58590% E. L. and Virginia Sherron 1.56250% Pacific West Lease Company .19530% Elizabeth H. Welch .78130% Jos. E. Biallas and Elsie Biallas .39060% Clark E. Jones .07810% N. H. and Mary Pearl Lake .78130% M. H. Lang .09765% Zula Mae Pugh .07810% Dr. Carl Stroud and Dr. Fayette K. Stroud .11720% J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust .83980% total 12.50000%		The Superior Oil Company 50% North American Royalties, Inc. 25% Cities Service Oil Company 25%	The Superior Oil Company 50% North American Royalties, Inc. 25% Cities Service Oil Company 25%

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
21.	Township 140 North, Range 96 West Section 32: NE/4	11.667 160.000	HBP	J. Hiram Moore, 18.75% Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	H. L. Hunt Cardinal Petroleum Company 2.50% 97.50%
	Township 140 North, Range 96 West Section 32: NE/4	1.667 160.000	HBP	Dewitt Landis, Jr. 9.375% Charles E. Landis 9.375%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	1.666 160.000	HBP	Elizabeth Landis 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	1.666 160.000	HBP	Viola L. Younger 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	1.666 160.000	HBP	Emna L. Purves 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.							

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
21.	Township 140 North, Range 96 West Section 32: NE/4	1.667 160.000	HBP	Johnnie L. Service 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (s) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	6.00 150.00	HBP	Continental Oil Company 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (s) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	6.00 160.00	HBP	Mary H. Ayala 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (s) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	6.667 160.000	HBP	Seth Eby, Jr. 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (s) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 32: NE/4	6.667 160.000	HBP	J. H. Morris, Agent 18.75%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (s) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	

(s) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
21.	<u>Township 140 North, Range 96 West</u> <u>Section 32: NE/4</u>	10.667 160.000	HBP	North American Royalties, Inc. 12.50%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 32: NE/4</u>	100.00 160.00	HBP	Frank Filipi and Mary T. Filipi 12.50%	T. D. Rimmer 1.4375% C. C. Spencer 1.0000% R. E. Moore 1.0000% David A. Provinse .8625% (8) J. Philip Goan .2875% Henry R. C. Elser.2875%	Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 32: NE/4</u>	4.00 160.00	HBP	Mary E. Clare 12.50%		H. L. Hunt 100%	
22.	<u>Township 140 North, Range 96 West</u> <u>Section 33: N/2SW/4</u>	20.00 80.00	HBP	Harry V. Kostelecky 12.50%		Continental Oil Company 100%	Continental Oil Company 100%
	<u>Township 140 North, Range 96 West</u> <u>Section 33: N/2SW/4</u>	20.00 80.00	HBP	Rose Kostelecky 12.50%		Continental Oil Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 33: N/2SW/4</u>	10.00 80.00	HBP	Gladys Zimmerman 12.50%		Continental Oil Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 33: N/2SW/4</u>	10.00 80.00	HBP	Larry Kostelecky 12.50%		Continental Oil Company 100%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
22.	Township 140 North, Range 96 West Section 33: N/2SW/4	10.00 80.00	HBP	Ronald Kostelecky 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: N/2SW/4	10.00 80.00	HBP	Marlene Ann Fowler 12.50%		Continental Oil Company 100%	
23.	COMMUNITIZED TRACT:						
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	60.00 240.00	HBP	Harry V. Kostelecky 12.50%		Continental Oil Company 100%	Continental Oil Company 100%
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	60.00 240.00	HBP	Rose Kostelecky 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	24.00 240.00	HBP	Gladys Zimmerman 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	24.00 240.00	HBP	Larry Kostelecky 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	24.00 240.00	HBP	Ronald Kostelecky 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	24.00 240.00	HBP	Marlene Ann Fowler 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: W/2NE/4, NW/4	24.00 240.00	HBP	Patricia Kostelecky 12.50%		Continental Oil Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
23.	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	17.50 70.00	HBP	Harry V. Kostelecky 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	17.50 70.00	HBP	Rose Kostelecky 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	7.00 70.00	HBP	Gladys Zimmerman 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	7.00 70.00	HBP	Larry Kostelecky 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	7.00 70.00	HBP	Ronald Kostelecky 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
23.	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	7.00 70.00	HBP	Marlene Ann Fowler 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: SE/4NE/4, NW/4NE/4NE/4, S/2NE/4NE/4	7.00 70.00	HBP	Patricia Kostelecky 12.50%	R. E. Moore .26954% Arthur C. Bauer .13672% Elene N. Shjeflo.02734% Patricia Ann Whitney Swaney .02734% John K. Whitney .02734% John D. Decker .13672%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 33: NE/4NE/4NE/4	10.00	HBP	Richard Ficek 12.50%	R. E. Moore .26954%	Continental Oil Company 100%	
24.	Township 140 North, Range 97 West Section 27: S/2	320.00	HBP	Louis L. Zahradnik and Mildred D. Zahradnik 12.50%	(3) Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
25-A	Township 140 North, Range 97 West Section 27: NE/4	160.00		Vincent Marsh and Mary Marsh, Eva Loran, Otto Marsh, Ella Mulholland, Adam Marsh and Martha Niehoff 12.50%		Vincent Marsh and Mary Marsh, Eva Loran, Otto Marsh, Ella Mulholland, Adam Marsh and Martha Niehoff 100%	Vincent Marsh and Mary Marsh, Eva Loran, Otto Marsh, Ella Mulholland, Adam Marsh and Martha Niehoff 100%

(3) This overriding royalty out of Shell Oil Company interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
25.	Township 140 North, Range 97 West Section 27: NW/4	160.00	12-14-82	Tony F. Buresh and Gertrude M. Buresh 12.50%		Continental Oil Company 100%	Continental Oil Company 100%
26.	COMMUNITIZED TRACT: Township 140 North, Range 97 West Section 26: NW/4	160.00	HBP	Tony F. Buresh and Gertrude M. Buresh 12.50%	(10) Continental Oil Company 6.250% (11) Robert L. Grady .625%	(12) G. G. Green 3.1250% (13) Central Oil Company 46.8750% Shell Oil Company 50.0000%	Shell Oil Company 37.50000% G. G. Green 3.90625% Central Oil Company 58.59375%
	Township 140 North, Range 97 West Section 26: E/2SW/4	80.00	HBP	Minerva Irene Zahradnik 6.25% Minerva Irene Zahradnik, Guardian of Dennis Joseph Zahradnik and Diana Mae Zahradnik, Minors 6.25% total 12.50%	(14) The Superior Oil Company 3.125%	G. G. Green 6.25% Central Oil Company 93.75%	

(10) At payout, Continental's 6.25% ORR (gross), 3.125% (net) may be converted to 50% Working Interest (gross), 25% (net).

(11) Robert L. Grady's ORR after payout increases to .325% and is proportionately out of the interest of Central Oil Company and G. G. Green.

(12) At payout, Working Interest will be: G. G. Green 2.68493%; Central Oil Company 40.27395%; Calvert Drilling & Producing Co. 7.04112%; Shell Oil Company 50%.

(13) At payout, Superior Oil Company's 3.125% ORR (gross and net) may be converted to a 50% Working Interest (gross and net).

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
26.	Township 140 North, Range 97 West Section 25: W/2SW/4	80.00	HBP	Minerva Irene Zahradnik Minerva Irene Zahradnik, Guardian of Dennis Joseph Zahradnik and Diana Mae Zahradnik, Minors 6.25% total 12.50%	Robert L. Grady .50%	Shell Oil Company 50.000% G. G. Green 3.125% Central Oil Company 46.875%	
27.	COMMUNITIZED TRACT: Township 140 North, Range 97 West Section 25: NE/4	160.00	HBP	Tony I. Buresh and Gertrude M. Buresh 12.50%	(3)Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
	Township 140 North, Range 97 West Section 26: SE/4	160.00	HBP	Louis Karsky and Agnes Karsky First National Bank of Dickinson, North Dakota Donald F. Martin Dorothy Ponton 6.2500% 3.1250% 1.5625% 1.5625% total 12.5000%	(3)Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	

(3)This overriding royalty out of Shell Oil Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
28.	<u>COMMUNITIZED TRACT:</u>						
	<u>Township 140 North, Range 97 West</u> <u>Section 25: SE/4</u>	160.00	HBP	Joseph J. Kadrmas and Mildred J. Kadrmas 12.50%	(3)Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50.0% Shell Oil Company 50.0%
	<u>Township 140 North, Range 97 West</u> <u>Section 25: SW/4</u>	160.00	HBP	Louis Karsky and Agnes Karsky 6.2500% First National Bank of Dickinson, North Dakota 3.1250% Donald P. Marvin 1.5625% Dorothy Ponton 1.5625% total 12.5000%	(3)Robert L. Grady .50%	Continental Oil Company 50% Shell Oil Company 50%	
29.	<u>Township 140 North, Range 97 West</u> <u>Section 25: NW/4</u>	160.00	12-18-77	Louis L. Zahradnik and Mildred D. Zahradnik 12.50%		Continental Oil Company 100%	Continental Oil Company 100.0%
30.	<u>Township 140 North, Range 97 West</u> <u>Section 25: NE/4</u>	160.00	HBP	Joe V. Ridl and Lillian Ridl 12.50%		Joe V. Ridl and Lillian Ridl 100%	Joe V. Ridl and Lillian Ridl 100.0%
31.	<u>Township 140 North, Range 96 West</u> <u>Section 30: Lots 3, 4, E/2SW/4</u>	66.28 141.46	HBP	Rose Frenzel 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 75.0% Louis W. Hill, Jr. 12.5% North American Royalties, Inc. 12.5%

(3)This overriding royalty out of Shell Oil Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
31.	Township 14C North, Range 96 West Section 30: Lots 3, 4, E/2SW/4	3.17 141.46	HBP	John M. Grinde 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 30: Lots 3, 4, E/2SW/4	.64 141.46	HBP	Mabel J. Karow, widow of Paul Karow, deceased 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 30: Lots 3, 4, E/2SW/4	.64 141.46	HBP	Clifford O. Knudtson 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 30: Lots 3, 4, E/2SW/4	70.73 141.46	HBP	The Federal Land Bank of Saint Paul 12.50%	(9)Placid Oil Company 12.50%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	

(9)This overriding royalty out of Continental Oil Company working interest on basis of 75% x 12.50%; North American Royalties, Inc. 12.5% x 12.50% and Louis W. Hill, Jr. 12.5% x 12.50%.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
32.	Township 140 North, Range 96 West Section 30: SE/4	80.00 160.00	HBP	Joe V. Ridl and Lillian Ridl 12.50%	T. D. Rimmer 1.250% David A. Provinse .750% (8) J. Philip Goan .250% Henry R. C. Elser.250%	Cardinal Petroleum Company 100%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 30: SE/4	80.00 160.00	HBP	The Federal Land Bank of Saint Paul 12.50%	T. D. Rimmer 1.250% Placid Oil Company 6.250% David A. Provinse .750% (8) J. Philip Goan .250% Henry R. C. Elser.250%	Cardinal Petroleum Company 100%	
33.	Township 140 North, Range 96 West Section 30: Lots 1, 2, E/2NW/4	141.86	HBP	Minerva Irene Zahradnik 6.250% Minerva Irene Zahradnick, Guardian of Dennis Joseph Zahradnick and Diana Mae Zahradnick, Minors 6.250% total 12.500%		The Superior Oil Company 100%	The Superior Oil Company 100%

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

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Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
35.	Township 140 North, Range 96 West Section 29: SW/4	160.00	HBP	John F. Trunk and/or Mildred M. Trunk .39062% N. H. Lake .39063% E. L. Sherron .78125% Mildred S. Kalanek, Guardian of person and Estate of Gerald David Kalanek .69444% Vivian Miller 1.21528% Jos. E. Biallas and Elsie Biallas .39063% Beeman Dockery .83984% Darlene McKinley Lane .78125% J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust .83984% Mary Margaret Pugh .58594% Pacific West Lease Company .19531% Elizabeth H. Welch .78125% Mary Pearl Lake .39063% Virginia L. Sherron .78125% Dr. Carl Stroud and Dr. Fayette K. Stroud .11718% Mary Daphne Hibl 1.21528% Johnnie Mae Cannon .97656% Clark E. Jones .07813% A. O. Lang, Jr. .19531% Zula Mae Pugh .07813% E. E. Trumbull .78125%		The Superior Oil Company 50% North American Royalties, Inc. 25% Cities Service Oil Company 25%	The Superior Oil Company 50% North American Royalties, Inc. 25% Cities Service Oil Company 25%
				total	12.50000%		

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
36.	Township 140 North, Range 96 West Section 29: SE/4	160.00	HBP	Ludwig Filipi 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%
37.	<u>COMMUNITIZED TRACT:</u>						
	Township 140 North, Range 96 West Section 29: N/2	13.334 320.000	HBP	J. Hiram Moore, 18.75% Betty Jane Moore Michael Harrison Moore, Trustees of the Moore Trust	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100.0%	Cardinal Petroleum Company 97.5% H. L. Hunt 2.5%
	Township 140 North, Range 96 West Section 29: N/2	3.333 320.000	HBP	Dewitt Landis, Jr. 9.375% Charles E. Landis 9.375%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100.0%	
	Township 140 North, Range 96 West Section 29: N/2	3.333 320.000	HBP	Elizabeth Landis 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100.0%	
	Township 140 North, Range 96 West Section 29: N/2	3.333 320.000	HBP	Viola L. Younger 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100.0%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
37.	Township 140 North, Range 96 West Section 29: N/2	3.333 320.000	HBP	Emna L. Purves 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	3.333 320.000	HBP	Johnnie L. Service 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	12.00 320.00	HBP	Continental Oil Company 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	12.00 320.00	HBP	Mary H. Ayala (formerly Mary C. S. Henderson) 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	2.50 320.00	HBP	The Home-Stake Royalty Corporation 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	2.50 320.00	HBP	The Home-Stake Oil and Gas Company 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	13.334 320.000	HBP	Seth Eby, Jr. 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
37.	Township 140 North, Range 96 West Section 29: N/2	2.500 320.000	HBP	Louis W. Hill, Jr. 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	13.333 320.000	HBP	J. H. Morris, Agent 18.75%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	23.834 320.000	HBP	North American Royalties, Inc. 12.50%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	200.000 320.000	HBP	Frank Filipi and Mary T. Filipi 12.50%	T. D. Rimmer 2.4375% David A. Provinse 1.4625% (8) J. Philip Goan .4875% Henry R. C. Elser .4875%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 29: N/2	8.000 320.000	HBP	Mary E. Clare 12.50%		H. L. Hunt 100%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
38.	COMMUNITIZED TRACT:						
	Township 140 North, Range 96 West Section 28: A Portion of the S/2 described as follows: Beginning at a point 33 feet north of the southeast corner and on the east line of Section 28; thence in a westerly direction 3550 feet parallel to the south line of said Section 28; thence at right angles in a northerly direction 625 feet; thence at right angles in an easterly direction 3550 feet; thence at right angles in a southerly direction 625 feet to the point of beginning.	12.50 50.00	HBP	Anton J. Schwindt 12.50%	Henry R. C. Elser .25% (*)J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%
	Township 140 North, Range 96 West Section 28: S/2	30.00 320.00	HBP	Jack Neill 18.75%	Henry R. C. Elser .25% (*)J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	40.00 320.00	HBP	W. C. Merrill 18.75%	Henry R. C. Elser .25% (*)J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	40.00 320.00	HBP	L. A. Edwards, Jr. 18.75%	Henry R. C. Elser .25% (*)J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	

(*)J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
38.	Township 140 North, Range 96 West Section 28: S/2	10.00 320.00	HBP	Henry Minnett and Henry Minnett, as Executor of Estate of Norma Minnett, Deceased. 18.75%	Henry R. C. Elser .25% (*) J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	10.00 320.00	HBP	Phyllis Swarts Hulme 12.50%	Henry R. C. Elser .25% (*) J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	10.00 320.00	HBP	F. Wallace Laws 6.25% Samuel L. Laws 6.25% Donna Gail Hasecuster 6.25%	Henry R. C. Elser .25% (*) J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	20.00 320.00	HBP	Ola Neill Ross 18.75%	Henry R. C. Elser .25% (*) J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2 less that metes and bounds description in that certain Warranty Deed recorded in Book 118, Page 339.	75.37 319.00	HBP	Frank A. Kudrna and Mary Kudrna 12.27444% Vincent Bren and Beatrice Bren .22556%	Henry R. C. Elser .25% (*) J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
				total	12.50000%		

(*) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
38.	Township 140 North, Range 96 West Section 28: A fractional portion of the southeast quarter of Section 28, described as follows: Beginning at a point 130 feet west and 500 feet south of the northeast corner of said quarter section, thence west a distance of 300 feet; thence south a distance of 120 feet, thence east a distance of 300 feet, thence north a distance of 120 feet to the point of beginning.	.50 1.00	HBP	Albert J. Dukart and Marion R. Dukart 12.50%	Henry R. C. Elser .25% J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: S/2	71.63 320.00	HBP	North American Royalties, Inc. 12.50%	Henry R. C. Elser .25% J. Philip Goan .25% David A. Provinse .75% T. D. Rimmer 1.25%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
39.	Township 140 North, Range 96 West Section 28: N/2	6.25 320.00	HBP	The First Trust Company of Saint Paul as Trustee for Johanna Maud Hill 18.75% The First Trust Company of Saint Paul as Trustee for Louis Fors Hill 18.75% The First Trust Company of Saint Paul as Trustee for Mari Hill 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 17.18750% Continental Oil Company 62.10938% Louis W. Hill, Jr. 10.35156% North American Royalties, Inc. 10.35156% 100.00000%

®J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Note: The interests in Tract No. 39 are based on 320.00 acres as agreed to by parties in Division Order for N/2 of Section 28, Township 140 North, Range 96 West. Revenue will be paid to Continental Oil Company 80.136% and J. Hiram Moore 19.864% until 200% non-consent payout achieved.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
39.	Township 140 North, Range 96 West Section 28: N/2 less that tract of land situated in the NE/4 of Section 28, Township 140 North, Range 96 West bounded by a line commencing at a point within said NE/4 which is located 1118 feet (westerly) from the east boundary line of said Section 28 and 1020 feet (northerly) from the south boundary line of said NE/4 of said Section 28; thence running from said point of beginning north, parallel to said east boundary line of said section, a distance of 340 feet, thence running west parallel to the north boundary line of said section a distance of 320 feet, thence running south parallel to said east boundary line of said Section, a distance of 340 feet, thence running east, parallel to said north boundary of said section, a distance of 320 feet to the point of beginning, afore said; which tract of land was conveyed to the West Plains Electric Cooperative Inc., said deed being recorded in Book 76 of Deeds, Page 359.	25.833 320.000		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 12.50%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.0%	
	Township 140 North, Range 96 West Section 28: N/2	5.834 320.000	HBP	Elizabeth Landis 18.75%	Dale F. Monthaven 9.375%	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.0%	
	Township 140 North, Range 96 West Section 28: N/2	5.834 320.000	HBP	Viola L. Younger 18.75%	Dale F. Monthaven 9.375%	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.0%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
39.	Township 140 North, Range 96 West Section 28: N/2 less that tract of land situated in the NE/4 of Section 28, Township 140 North, Range 96 West bounded by a line commencing at a point within said NE/4 which is located 1118 feet (westerly) from the east boundary line of said Section 28 and 1020 feet (northerly) from the south boundary line of said NE/4 of said Section 28; thence running from said point of beginning north, parallel to said east boundary line of said section, a distance of 340 feet, thence running west parallel to the north boundary line of said section a distance of 320 feet, thence running south, parallel to said east boundary line of said section, a distance of 340 feet, thence running east, parallel to said north boundary of said section, a distance of 320 feet to the point of beginning, aforesaid, which tract of land was conveyed to the West Plains Electric Cooperative, Inc., said deed being recorded in Book 76 of Deeds, Page 359.	158.00 320.00	HBP	Louie Pribyl and Magdalene Pribyl 6.25% Anton Pribyl and Mary Pribyl 6.25% total 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: N/2	6.25 320.00	HBP	The Home-Stake Oil and Gas Company 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: N/2	6.25 320.00	HBP	The Home-Stake Royalty Corporation 18.75%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
39.	Township 140 North, Range 96 West Section 28: N/2	6.25 320.00	HBP	North American Royalties, Inc.	12.50%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
	Township 140 North, Range 96 West Section 28: N/2 less that tract of land recorded in Book 76 of Deeds, Page 359.	80.00 320.00	HBP	E. B. Kelly and Naomi Kelly	12.50%	(*)John B. Hawley, Jr. and G. S. Davidson, Trustees under John B. Hawley, Jr. Trust No. 1 3.125% A. G. Golden .125% Steven H. Harris .250% John N. Klemer.250% James L. Brown.250% William H. Champion .125% total 4.125%	Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%
	Township 140 North, Range 96 West Section 28: N/2	5.833 320.000	HBP	Charles E. Landis DeWitt Landis, Jr.	9.375% 9.375%	Dale F. Monthaven 9.375%	J. Hiram Moore 100.0% Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.0%
	Township 140 North, Range 96 West Section 28: N/2	5.833 320.000	HBP	Emma L. Purves	18.75%	Dale F. Monthaven 9.375%	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.0%

(*)This overriding royalty out of working interest on basis of Continental Oil Company 75%; North American Royalties, Inc. 12.5%; Louis W. Hill, Jr. 12.5%.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
39.	Township 140 North, Range 96 West Section 28: N/2	5.833 320.000	HBP	Johnnie L. Service and C. T. Service 18.75%	Dale F. Monthaven 9.375%	J. Hiram Moore 100.0%	
	Township 140 North, Range 96 West Section 28: A tract of land situated in the NE/4 bounded by a line commencing at a point within said NE/4 which is located 1118 feet westerly from the east boundary line of said Section 28 and 1020 feet northerly from the south boundary line of said NE/4 of Section 28; thence running from said point of beginning north, parallel to said east boundary line of said section, a distance of 340 feet, thence running west, parallel to the north boundary line of said section, a distance of 320 feet, thence running south parallel to said east boundary line of said section, a distance of 340 feet, thence running east, parallel to said north boundary of said section, a distance of 320 feet to the point of beginning, together with an easement over, upon and across said NE/4 for ingress to and egress from the above described tract.	2.00 320.00	HBP	Louis Pribyl and Magdalene Pribyl 6.25% Anton Pribyl and Mary Pribyl 6.25% total 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	
40.	Township 140 North, Range 96 West Section 27: W/2	40.00 320.00	HBP	M. J. Raschko and Katherine Lefor Raschko 1.56250%	LeRoy Blaylock 2.500%	Continental Oil Company 100.0%	Continental Oil Company 100%
	Township 140 North, Range 96 West Section 27: W/2	160.00 320.00	HBP	First National Bank of Dickinson, North Dakota 6.25000%		Continental Oil Company 100.0%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
40.	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Shirley Ruth Shapiro .31250%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Evelyn Margaret Rauch .31250%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	16.00 320.00	HBP	Theodore Kellogg .62500%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	6.00 320.00	HBP	Norbert J. Muggli .23437%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	2.00 320.00	HBP	Ward M. Kirby .07813%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	20.00 320.00	HBP	Gilbert Saxowsky .78125%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Vernon F. Raschko and Dorothy C. Raschko .31250%	LeRoy Blaylock 2.500%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Michael A. Raschko .31250%	LeRoy Blaylock 2.500%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Patrick P. Raschko .31250%	LeRoy Blaylock 2.500%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	James M. Raschko and Bettyann Raschko .31250%	LeRoy Blaylock 2.500%	Continental Oil Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
40.	Township 140 North, Range 96 West Section 27: W/2	8.00 320.00	HBP	Ronald W. Krebs and Marlene R. Krebs .31250%	LeRoy Blaylock 2.500%	Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 27: W/2	20.00 320.00	HBP	Gilbert Saxowsky .78125%		Continental Oil Company 100%	
				total	12.50000%		
41.	Township 140 North, Range 97 West Section 22: SE/4	160.00	1-23-74	Vincent Marsh and Mary Marsh 3.571425% Eva Loran 1.785715% Ella Molholland 1.785715% Otto Marsh 1.785715% Adam J. Marsh 1.785715% Martha Niehoff 1.785715%		Continental Oil Company 50% Shell Oil Company 50%	Continental Oil Company 50% Shell Oil Company 50%
				total	12.500000%		

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
42.	Township 140 North, Range 97 West Section 23: S/2	320.00	HBP	Frank T. Kaisershot and Mary Kaisershot 8.854169% Evelyn Riedl .520833% Glenn L. Kaisershot .520833% Dale R. Kaisershot .520833% Angelina Kosteletzky .520833% Donald F. Kaisershot .520833% Georgiann Haverlock .520833% Alfred L. Kaisershot .520833%	Peter J. Farley 1.5625% Vincent J. Duncan .3907% Raymond T. Duncan .3906% J. Walter Duncan, Jr. .3515% Walter Duncan III .0391% Walter Duncan .3906% 3.1250%	Lone Star Producing Company 100%	Lone Star Producing Company 100%
				12.500000%			
43.	Township 140 North, Range 97 West Section 24: SW/4	160.00	12-18-77	Louis Zahradnik and Mildred Zahradnik 12.50%		Continental Oil Company 100%	Continental Oil Company 100%
44.	Township 140 North, Range 97 West Section 24: SE/4	160.00	3- 1-74	Joe V. Ridl and Lillian Ridl 12.50%		Lone Star Producing Company 100%	Lone Star Producing Company 100%
45.	Township 140 North, Range 96 West Section 19: Lots 3, 4, E/2SW/4	142.45	HBP	Minerva Irene Zahradnik 6.250% Minerva Irene Zahradnik, Guardian of Dennis Joseph Zahradnik and Diana Mae Zahradnik, Minors 6.250% total 12.500%		The Superior Oil Company 100%	The Superior Oil Company 100%

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
46.	Township 140 North, Range 96 West Section 19: E/2	320.00	HBP	Joe V. Ridl and Lillian Ridl 12.50%	(14) (T. D. Rimmer 1.250% (David A. Provinse .750% (J. Philip Goan .250% (Henry R. C. Elser .250%	Cardinal Petroleum Company 50.0% Continental Oil Company 50.0%	Cardinal Petroleum Company 50.0000% Continental Oil Company 50.0000%
47.	COMMUNITIZED TRACT: Township 140 North, Range 96 West Section 20: SW/4	120.00 160.00	HBP	Laudie Filipi 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	Continental Oil Company 75.0000% Louis W. Hill, Jr. 10.9375% North American Royalties, Inc. 14.0625%
	Township 140 North, Range 96 West Section 20: SW/4	30.00 160.00	HBP	North American Royalties, Inc. 12.50%		Continental Oil Company 100.0%	
	Township 140 North, Range 96 West Section 20: SW/4	10.00 160.00		North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100.0%	
	Township 140 North, Range 96 West Section 20: SE/4	160.00	HBP	Jack Ehrmantraut and Veronica Ehrmantraut 12.50%		Continental Oil Company 75.0% North American Royalties, Inc. 12.5% Louis W. Hill, Jr. 12.5%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

(14) This overriding royalty out of Cardinal Petroleum Company working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
48.	COMMUNITIZED TRACT:						
	Township 140 North, Range 96 West Section 20: NW/4	160.00	HBP	Jack Ehrmantraut and Veronica Ehrmantraut 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	Continental Oil Company 13.12254% Louis W. Hill, Jr. 15.02991% North American Royalties, Inc. 45.28505% A. G. Golden 1.56250% Hunt Petroleum Corporation 25.00000%
	Township 140 North, Range 96 West Section 20: NE/4	80.00 160.00	HBP	Adolph F. Ficek and Emma Ficek 12.50%		Hunt Petroleum Corporation 100.0000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.083 160.000	HBP	DeWitt Landis, Jr. Charles E. Landis 9.375% 9.375%		North American Royalties, Inc. 75.00000% Louis W. Hill, Jr. 25.00000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.083 160.000	HBP	Elizabeth Landis 18.75%		North American Royalties, Inc. 75.00000% Louis W. Hill, Jr. 25.00000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.083 160.000	HBP	Viola L. Younger 12.50%		Continental Oil Company 18.75000% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
48.	Township 140 North, Range 96 West Section 20: NE/4	2.084 160.000	HBP	Johnnie L. Service 18.75%		North American Royalties, Inc. 75.00000% Louis W. Hill, Jr. 25.00000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.084 160.000	HBP	Emna L. Purves 18.75%		North American Royalties, Inc. 75.00000% Louis W. Hill, Jr. 25.00000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.083 160.000	HBP	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 18.75%		North American Royalties, Inc. 75.00000% Louis W. Hill, Jr. 25.00000%	
	Township 140 North, Range 96 West Section 20: NE/4	10.000 160.000	HBP	J. M. Bryan 12.50%		Continental Oil Company 18.75000% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	7.500 160.000	HBP	Cecelia J. Weir, Executrix of the Estate of Harlan J. Weir 12.50%		Continental Oil Company 18.75000% North American Royalties, Inc. 60.93750% Louis W. Hill, Jr. 20.3125%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
48.	Township 140 North, Range 96 West Section 20: NE/4	7.50 160.00	HBP	Marjorie Weir 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	5.00 160.00	HBP	Mary D. Kack 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	10.00 160.00	HBP	Shirley Ruth Shapiro 25.00%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	10.00 160.00	HBP	Evelyn Margaret Rauch 25.00%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
48.	Township 140 North, Range 96 West Section 20: NE/4	2.50 160.00	HBP	Fred D. Vercellino and Marie R. Vercellino 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	5.00 160.00	HBP	R. H. Lowrey, Sr. and Zelma Lowrey 12.50%		A. G. Golden 100.0000%	
	Township 140 North, Range 96 West Section 20: NE/4	2.50 160.00	HBP	The First Trust Company of Saint Paul, Trustee for Johanna Maud Hill, Louis Fors Hill and Mari Hill 18.75%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	2.50 160.00	HBP	The Home-Stake Oil and Gas Company 18.75%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 20: NE/4	2.50 160.00	HBP	The Home-Stake Royalty Corporation 18.75%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
48.	Township 140 North, Range 96 West Section 20: NE/4	.625 160.000		North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100.0000%	
	Township 140 North, Range 96 West Section 20: NE/4	1.875 160.000	HBP	North American Royalties, Inc. 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
49.	COMMUNITIZED TRACT: Township 140 North, Range 96 West Section 21: E/2SE/4	80.00	HBP	Douglas P. Head and Ruth C. Head 12.50%	T. D. Rimmer 2.1875% David A. Provinse 1.3125% (s) J. Philip Goan .4375% Henry R. C. Elser .4375% M. R. Everett .3125% Beulah Crews Holman and Millikin National Bank of Decatur, Illinois, Trustees .2500% Wilma T. Higgins .0625%	Cardinal Petroleum Company 100.0000%	Cardinal Petroleum Company 100%
	Township 140 North, Range 96 West Section 21: W/2SE/4	80.00	HBP	Douglas P. Head and Ruth C. Head 12.50%	T. D. Rimmer 2.1875% David A. Provinse 1.3125% (s) J. Philip Goan .4375% Henry R. C. Elser .4375% M. R. Everett .3125% Beulah Crews Holman and Millikin National Bank of Decatur, Illinois, Trustees .2500% Wilma T. Higgins .0625%	Cardinal Petroleum Company 100.0000%	

(s) J. Philip Goan, as Executor of the Estate of
William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
49.	Township 140 North, Range 96 West Section 21: SW/4	78.584715 157.169430	HBP	Margaret Wock 12.50%	T. D. Rimmer 2.1875% David A. Provinse 1.3125% (8) J. Philip Goan .4375% M. R. Everett .3125% Beulah Crews Holman and Millikin National Bank of Decatur, Decatur, Illinois, Trustees .2500% Wilma T. Higgins .0625% Henry R. C. Elser .4375%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 21: SW/4	80.00 160.00	HBP	State of North Dakota 12.50%	T. D. Rimmer 2.1875% David A. Provinse 1.3125% (8) J. Philip Goan .4375% Henry R. C. Elser .4375% M. R. Everett .3125% Beulah Crews Holman and Millikin National Bank of Decatur, Decatur, Illinois, Trustees .2500% Wilma T. Higgins .0625%	Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 21: That portion of the SW/4 described as follows: Commencing at SW corner of said Section 21; thence N. along W. line of said Section a distance of 900'; thence E., parallel with S. line of said Section, a distance of 137'; thence S., parallel with W. line of said Section, a distance of 900'; thence W. along S. line of said Section a distance of 137' to point of beginning.	1.415285 2.830570	HBP	Adam F. Wock and Arlene A. Wock 12.50%	T. D. Rimmer 2.1875% David A. Provinse 1.3125% (8) J. Philip Goan .4375% Henry R. C. Elser .4375% M. R. Everett .3125% Beulah Crews Holman and Millikin National Bank of Decatur, Decatur, Illinois, Trustees .2500% Wilma T. Higgins .0625%	Cardinal Petroleum Company 100%	

(8) J. Philip Goan, as Executor of the Estate of William S. Goan, deceased.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
50.	COMMUNITIZED TRACT:						
	Township 140 North, Range 96 West Section 21: NW/4	80.00 160.00	HBP	Margaret Wock 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%
	Township 140 North, Range 96 West Section 21: NW/4	80.00 160.00	HBP	State of North Dakota 12.50%		Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 21: W/2NE/4	80.00	HBP	Douglas P. Head 12.50%	M. R. Everett 1.250% Wilma T. Higgins .250% Beaulah Crews Holman and Millikin National Bank of Decatur, Decatur, Illinois, Trustees 1.000%	Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	
	Township 140 North, Range 96 West Section 21: E/2NE/4	80.00	HBP	Douglas P. Head 12.50%	M. R. Everett 1.250% Wilma T. Higgins .250% Beaulah Crews Holman and Millikin National Bank of Decatur, Decatur, Illinois, Trustees 1.000%	Continental Oil Company 18.7500% North American Royalties, Inc. 60.9375% Louis W. Hill, Jr. 20.3125%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
51.	COMMUNITIZED TRACT:						
	Township 140 North, Range 96 West Section 22: SW/4	120.00 160.00	HBP	Walter E. Hewson and Barbara Hewson 6.25% Frank Hoff and Clementine Hoff 6.25%		Continental Oil Company 75.00% North American Royalties, Inc. 12.50% Louis W. Hill, Jr. 12.50%	Continental Oil Company 62.50000% North American Royalties, Inc. 23.73047% Louis W. Hill, Jr. 11.42578% J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 2.34375%
	Township 140 North, Range 96 West Section 22: SW/4	10.00 160.00	HBP	C. J. Winbauer and Joan M. Winbauer 12.50%		Continental Oil Company 75.00% North American Royalties, Inc. 12.50% Louis W. Hill, Jr. 12.50%	
	Township 140 North, Range 96 West Section 22: SW/4	30.00 160.00	HBP	A. W. Lucas Company 12.50%		Continental Oil Company 75.00% North American Royalties, Inc. 12.50% Louis W. Hill, Jr. 12.50%	
	Township 140 North, Range 96 West Section 22: SE/4	80.00 160.00	HBP	Anton Pribyl and Mary Pribyl 12.50%		Continental Oil Company 100.00%	
	Township 140 North, Range 96 West Section 22: SE/4	40.00 160.00	HBP	E. B. Kelly 12.50%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
51.	Township 140 North, Range 96 West Section 22: SE/4	6.25 160.00	HBP	North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100.00%	
	Township 140 North, Range 96 West Section 22: SE/4	6.25 160.00	HBP	The Home-Stake Oil and Gas Company 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	
	Township 140 North, Range 96 West Section 22: SE/4	6.25 160.00	HBP	The Home-Stake Royalty Corporation 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	
	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	DeWitt Landis, Jr., Charles E. Landis 9.375% 9.375%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.00%	
	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	Elizabeth Landis 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.00%	
	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	Viola L. Younger 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	
	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	Johnnie L. Service 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
51.	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	Enna L. Purves 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	
	Township 140 North, Range 96 West Section 22: SE/4	6.25 160.00	HBP	The First Trust Company of Saint Paul, as Trustee for Johanna Maud Hill, Louis Fors Hill and Mari Hill 18.75%		North American Royalties, Inc. 75.00% Louis W. Hill, Jr. 25.00%	
	Township 140 North, Range 96 West Section 22: SE/4	2.50 160.00	HBP	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 12.50%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100.00%	
52.	Township 140 North, Range 96 West Section 22: N/2	320.00	HBP	A. L. Wolfe and Rose Wolfe 9.375% Renee Wolfe 3.125% total 12.500%		Continental Oil Company 18.7500% North American Royalties, Inc. 40.6250% Louis W. Hill, Jr. 40.6250%	Continental Oil Company 18.750% North American Royalties, Inc. 40.625% Louis W. Hill, Jr. 40.625%
53.	Township 140 North, Range 96 West Section 23: W/2	320.00	HBP	Wayne Jilek and Diane M. Jilek 9.375% Anton F. Jilek and Sophie J. Jilek 3.125% total 12.500%		Continental Oil Company 100.00%	Continental Oil Company 100.000%

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
54.	Township 140 North, Range 96 West Section 23: SW/4SE/4	40.00	HBP	Wayne Jilek and Diane M. Jilek 9.375% Anton F. Jilek and Sophie J. Jilek 3.125% total 12.500%		Continental Oil Company 100.00%	Continental Oil Company 25.0625% Lone Star Producing Company 74.9375%
	Township 140 North, Range 96 West Section 23: The south 66.00 feet of .10 the SE/4SE/4 of Section 23, Township 140 North, Range 96 West, 5th Principle Meridian, North Dakota, more particularly described as follows: Commencing at the quarter section corner on the line between Sections 23 and 26, Township 140 North, Range 96 West, 5th Principle Meridian, North Dakota, thence North 89°54', East 1318.02 feet along said line to the point of beginning; thence North 66.00 feet along the North South centerline of the SE/4 of Section 23, thence 89°54' East 66.00 feet, thence South 66.00 feet to the line between Sections 23 and 26, thence South 89° 54' West 66.00 feet along said line to point of beginning. The tract as described contains 0.10 acres.		11-30-77	USA M-3737 (ND) (Acq.) 12.50%		Continental Oil Company 100.00%	
	Township 140 North, Range 96 West Section 23: E/2SE/4, NW/4SE/4 (Less .10 acre owned by U.S.A. -- See U.S. Government Lease M-3737 (ND) (Acq.) described above.	119.90	3-19-74	Anton A. Ridl, a/k/a Anton Ridl and Eleanor M. Ridl, Anton J. Ridl and Aakoka Ridl, Raymond A. Ridl and Regina Ridl 12.50%		Lone Star Producing Company 100.00%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
55.	Township 140 North, Range 96 West Section 23: NE/4	80.00 160.00	HBP	Wayne Jilek and Diane M. Jilek 6.25% Anton F. Jilek and Sophie J. Jilek 6.25% total 12.50%		Continental Oil Company 100%	Continental Oil Company 50% Lone Star Producing Company 50%
	Township 140 North, Range 96 West Section 23: NE/4	80.00 160.00	8-25-75	Bank of North Dakota 12.50%		Lone Star Producing Company 100%	
56.	Township 140 North, Range 96 West Section 17: S/2, NE/4	13.50 480.00	5-28-74	Inland Oil & Gas Corporation 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	Continental Oil Company 4.6875% Huston Huffman 4.6875% Louis W. Hill, Jr. 1.1719% North American Royalties, Inc. 66.0156%
	Township 140 North, Range 96 West Section 17: S/2, NE/4	9.00 480.00	5-28-74	Inland Oil & Gas Corporation 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	Helmerich and Payne, Inc. 23.4375%
	Township 140 North, Range 96 West Section 17: S/2, NE/4	120.00 480.00	HBP	Joseph F. and Edith May Miller 1.7858% George F. and Evelyn M. Miller 1.7857% Jack F. and Veronica Miller 1.7857% Theresia and Jacob Kainz 1.7857% Rose and Robert Otto 1.7857% Pauline and Matt Anheluk 1.7857% Mike J. and Betty J. Miller 1.7857% total 12.5000%		North American Royalties, Inc. 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
56.	Township 140 North, Range 96 West Section 17: S/2, NE/4	120.00 480.00	HRP	Mike J. Miller and Betty Jane Miller	12.50%	North American Royalties, Inc. 100%	
	Township 140 North, Range 96 West Section 17: S/2, NE/4	60.00 480.00		North American Royalties, Inc.	12.50%	North American Royalties, Inc. 100%	
	Township 140 North, Range 96 West Section 17: S/2, NE/4	112.50 480.00		Helmerich and Payne, Inc.	12.50%	Helmerich and Payne, Inc. 100%	
	Township 140 North, Range 96 West Section 17: S/2, NE/4	22.50 480.00		Huston Huffman	12.50%	Huston Huffman 100%	
	Township 140 North, Range 96 West Section 17: S/2, NE/4	22.50 480.00		Continental Oil Company	12.50%	Continental Oil Company 100%	
57.	Township 140 North, Range 96 West Section 16: SW/4	4.44 160.00	5-27-74	G. G. Tunstall	12.50%	North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%
	Township 140 North, Range 96 West Section 16: SW/4	26.68 160.00	5-27-74	A. M. Pate, Jr. and Sebert L. Pate	12.50%	North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: SW/4	4.44 160.00	5-27-74	Warren Donaldson	12.50%	North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
57.	Township 140 North, Range 96 West Section 16: SW/4	120.00 160.00	10-17-76	Anton J. Kralicek and Bertha Kralicek 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: SW/4	4.44 160.00	5-27-74	Charles Travis Floyd, Administrator, Gus E. Holmstrom Estate and Mary Louise Floyd and Rose C. Holstrom 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
58.	Township 140 North, Range 96 West Section 16: SE/4	80.00 160.00	3-27-77	Amos Freed, DuWayne R. Freed and Arlis Freed; and Howard A. Freed and Barbara Freed 12.50%	(14) R. E. Moore and Mildred A. Moore 2.50%	Cardinal Petroleum Company 100%	Cardinal Petroleum Company 50% North American Royalties, Inc. 50%
	Township 140 North, Range 96 West Section 16: SE/4	80.00 160.00		North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100%	
59.	Township 140 North, Range 96 West Section 16: NW/4	2.50 160.00	9-30-76	Home-Stake Royalty Corporation 18.75%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	North American Royalties, Inc. 71.48594% Louis W. Hill, Jr. 23.30781% J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 5.20625%

(14) Payable out of Cardinal Petroleum Company's interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
59.	Township 140 North, Range 96 West Section 16: NW/4	2.50 160.00	9-30-76	Home-Stake Oil and Gas Company 18.75%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	2.50 160.00	9-30-76	First Trust Company of Saint Paul, Trustee for Mari Hill, Louis Fors Hill and Johanna Maud Hill 18.75%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	5.00 160.00	9-30-76	Moran Company 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	1.66 160.00		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 12.50%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 16: NW/4	5.00 160.00	9-30-76	Richard W. Neuman and Lucy M. Neuman 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	.84 160.00	10-15-76	Charles E. Landis 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 16: NW/4	.84 160.00	10-15-76	DeWitt Landis, Jr. 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
89.	Township 140 North, Range 96 West Section 16: NW/4	1.66 160.00	10-15-76	Elizabeth Landis 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 16: NW/4	1.66 160.00	10-15-76	Viola L. Younger 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 16: NW/4	1.67 160.00	10-15-76	Emna L. Purves 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 16: NW/4	1.67 160.00	9-30-76	Johannie L. Service 18.75%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	80.00 160.00	9-22-76 (a)	Mary Kralicek; Joseph Kralicek, Jr. and Josephine Kralicek; Anton Kralicek and Bertha Kralicek 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	5.00 160.00	9-30-76	Valentine J. Rohrich, Administrator of Estate of Johanna Rohrich, deceased. 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	40.00 160.00	3-08-77	George Gabbert and Emma Gabbert 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	

(a) Mary Kralicek has a life estate only.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
59.	Township 140 North, Range 96 West Section 16: NW/4	5.00 160.00	10-26-76	Robert L. Striebel and Betty M. Striebel 12.50%		North American Royalties, Inc. 75% Louis W. Hill, Jr. 25%	
	Township 140 North, Range 96 West Section 16: NW/4	2.50 160.00		North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100%	
60.	<u>COMMUNITIZED TRACT:</u>						
	Township 140 North, Range 96 West Section 15: SW/4	4.50 160.00	7-14-74	Inland Oil & Gas Corporation 12.50%	(u)North American Royalties, Inc. 6.25%	Cardinal Petroleum Company 50% Louis W. Hill, Jr. 50%	Cardinal Petroleum Company 69.92188% Louis W. Hill, Jr. 13.67187% Huston Huffman 2.34375%
	Township 140 North, Range 96 West Section 15: SW/4	3.00 160.00	7-14-74	Inland Oil & Gas Corporation 12.50%	(u)North American Royalties, Inc. 6.25%	Cardinal Petroleum Company 50% Louis W. Hill, Jr. 50%	Helmerich & Payne, Inc. 11.71875% Continental Oil Company 2.34375%
	Township 140 North, Range 96 West Section 15: SW/4	40.00 160.00	7-17-77	R. E. Moore North American Royalties, Inc. 12.50%	(u)North American Royalties, Inc. 6.25%	Cardinal Petroleum Company 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: SW/4	40.00 160.00	7-21-77	Joseph Kralicek, Jr. and Josephine Kralicek 12.50%	(u)North American Royalties, Inc. 6.25%	Cardinal Petroleum Company 50% Louis W. Hill, Jr. 50%	

(u)Overriding royalty payable out of Cardinal Petroleum Company's working interest.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	The Home-Stake Royalty Corporation 18.75%		(17) North American Royalties, Inc. 50% Louis W Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>2.7499995</u> <u>320.000000</u>		Theodore Kellogg 12.50%		Theodore Kellogg 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.4999990</u> <u>320.000000</u>		Ward M. Kirby 12.50%		Ward M. Kirby 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>2.7499995</u> <u>320.000000</u>		Gordon W. Schnell 12.50%		Gordon W. Schnell 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>4.5833325</u> <u>320.000000</u>		Paul G. Kloster 12.50%		Paul G. Kloster 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>2.7499995</u> <u>320.000000</u>		John L. Sherman 12.50%		John L. Sherman 100%	

(17) North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	Township 140 North, Range 96 West Section 15: E/2	5.714285 320.000000	HBP	The Home-Stake Oil and Gas Company 18.75%		(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: E/2	5.714285 320.000000	HBP	First Trust Company of Saint Paul, as Trustee for Johanna Maud Hill, Louis Fors Hill and Mari Hill 18.75%		(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: E/2	22.857160 320.000000	HBP	E. O. Hancock 12.50%		(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: E/2	2.857145 320.000000	HBP	Frank Rummel, Jr. and (16)R. E. Moore Margaret Rummel 18.75%	2.50%	(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: E/2	5.714285 320.000000	HBP	Sebastian A. Mischel and Odessa Mischel 12.50%		(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 15: E/2	2.857145 320.000000	HBP	John A. Hoff and Irene M. Hoff 12.50%		(17)North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

(16)Royalty payable out of working interest of North American Royalties, Inc. and Louis W. Hill, Jr.

(17)North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	Tillie Fischer 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>4.047619</u> <u>320.000000</u>		E. F. Rakowski and Gladys M. Rakowski 12.50%		E. F. Rakowski and Gladys M. Rakowski 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	Cardinal Petroleum Company 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	George P. Ficek 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>3.857150</u> <u>320.000000</u>	HBP	Wilma T. Higgins 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>.828570</u> <u>320.000000</u>	HBP	J. M. Schultz Investment Company 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

(17) North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>1.028570</u> <u>320.000000</u>	HBP	James E. Burke 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>3.809520</u> <u>320.000000</u>	HBP	Viola L. Younger 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>3.809520</u> <u>320.000000</u>	HBP	Emna L. Purves 18.75%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>3.809520</u> <u>320.000000</u>	HBP	Johnnie L. Service and C. T. Service, her husband 18.75%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>6.428570</u> <u>320.000000</u>	HBP	William Rummel 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

(17) North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	Cardinal Petroleum Company 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>5.714285</u> <u>320.000000</u>	HBP	Julian Toskey and Pearl Toskey 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>1.142855</u> <u>320.000000</u>	HBP	Norbert J. Muggli and Doris Muggli 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>1.142855</u> <u>320.000000</u>	HBP	Ward Kirby and Virginia J. Kirby 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>22.000000</u> <u>320.000000</u>	HBP	Theodore Kellogg and Kathleen Kellogg 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>20.714290</u> <u>320.000000</u>	HBP	Shirley Ruth Shapiro and Sidney K. Shapiro 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	<u>20.714290</u> <u>320.000000</u>	HBP	Evelyn Margaret Rauch and Lloyd Rauch 18.75%		Cardinal Petroleum Company 100%	

(17) North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
61.	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	20.000000 320.000000	HBP	D. E. Balch 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	4.285720 320.000000	HBP	Janet M. Reichert 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	12.142860 320.000000	HBP	Margaret H. Rummel 18.75%		Cardinal Petroleum Company 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	3.809520 320.000000	HBP	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 12.50%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	3.809520 320.000000	HBP	Elizabeth Landis 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	3.809520 320.000000	HBP	Dewitt Landis, Jr. 9.375% Charles E. Landis 9.375%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	<u>Township 140 North, Range 96 West</u> <u>Section 15: E/2</u>	40.000000 320.000000	HBP	North American Royalties, Inc. 12.50%		(a) North American Royalties, Inc. 100%	

(a) North American Royalties, Inc. and Louis W. Hill, Jr. leases in tract are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62. **	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	30.357145 240.000000	HBP	Jacob Schank and Kathryn Schank 18.75%		Cardinal Petroleum Company 100%	Cardinal Petroleum Company 61.5885400% Louis W. Hill, Jr. 9.6819200% North American Royalties, Inc. 19.0569200%
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	The Home-Stake Royalty Corporation 18.75%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 2.6785700% E. F. Rakowski and Gladys M. Rakowski 1.2648800% Theodore Kellogg .8593755%
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	First Trust Company of Saint Paul, Trustee for Johanna Maud Hill, Louis Fors Hill and Mari Hill 18.75%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	Ward M. Kirby 1.7187510% Paul G. Kloster 1.4322925% John L. Sherman .8593755% Gordon W. Schnell .8593755%
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	17.142840 240.000000	HBP	E. C. Hancock 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	The Home-Stake Oil and Gas Company 18.75%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.142855 240.000000	HBP	Frank Rummel, Jr. and (16) R. E. Moore Margaret Rummel 18.75%	2.50%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

** Due to lack of division order information, the ownership shown for this tract is questionable.

(16) Royalty payable out of working interest of North American Royalties, Inc. and Louis W. Hill, Jr.

(17) Working Interest revenue payable to Cardinal Petroleum Company 94.8108% and J. Hiram Moore, Betty Jane Moore and Michael Harrison Moore, Trustees of the Moore Trust, 5.1892% until development costs are recovered. North American Royalties, Inc. and Louis W. Hill, Jr. leases are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62.	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	Sebastian A. Mischel and Odessa Mischel 12.50%		(17) Louis W. Hill, Jr. North American Royalties, Inc. 50% 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.062500 240.000000		Theodore Kellogg 12.50%		Theodore Kellogg 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.125000 240.000000		Ward M. Kirby 12.50%		Ward M. Kirby 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.062500 240.000000		Gordon W. Schnell 12.50%		Gordon W. Schnell 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	3.437500 240.000000		Paul G. Kloster 12.50%		Paul G. Kloster 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.062500 240.000000		John L. Sherman 12.50%		John L. Sherman 100%	

(17) Working Interest revenue payable to Cardinal Petroleum Company 94.8108% and J. Hiram Moore, Betty Jane Moore and Michael Harrison Moore, Trustees of the Moore Trust, 5.1892% until development costs are recovered. North American Royalties, Inc. and Louis W. Hill, Jr. leases are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62.	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.142855 240.000000	HBP	John A. Hoff and Irene M. Hoff 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	Tillie Fischer 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	3.0357145 240.000000		E. F. Rakowski and Gladys M. Rakowski 12.50%		E. F. Rakowski and Gladys M. Rakowski 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	Cardinal Petroleum Company 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	George P. Ficek 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.892860 240.000000	HBP	Wilma T. Higgins 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

(17) Working interest revenue payable to Cardinal Petroleum Company 94.8108% and J. Hiram Moore, Betty Jane Moore, and Michael Harrison Moore, Trustees of the Moore Trust 5.1892% until development costs are recovered. North American Royalties, Inc. and Louis W. Hill, Jr. leases are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62.	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	.621430 240.000000	HBP	J. M. Schultz Investment Company	12.50%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	.771430 240.000000	HBP	James E. Burke	12.50%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857147 240.000000	HBP	Viola L. Younger	12.50%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857147 240.000000	HBP	Emna L. Purves	18.75%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857146 240.000000	HBP	Johnnie L. Service and G. L. Service, her husband	18.75%	(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	

(17) Working interest revenue payable to Cardinal Petroleum Company 94.8108% and J. Hiram Moore, Betty Jane Moore, and Michael Harrison Moore, Trustees of the Moore Trust 5.1892% until development costs are recovered. North American Royalties, Inc. and Louis W. Hill, Jr. leases are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62.	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.821430 240.000000	HBP	William Rummel 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	Cardinal Petroleum Company 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	4.285715 240.000000	HBP	Julian Toskey and Pearl Toskey 12.50%		(17) North American Royalties, Inc. 50% Louis W. Hill, Jr. 50%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	.857145 240.000000	HBP	Norbert J. Muggli and Doris Muggli 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	.857145 240.000000	HBP	Ward Kirby and Virginia J. Kirby 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	16.500000 240.000000	HBP	Theodore Kellogg and Kathleen Kellogg 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	15.535710 240.000000	HBP	Shirley Ruth Shapiro and Sidney K. Shapiro 18.75%		Cardinal Petroleum Company 100%	

(17) Working interest revenue payable to Cardinal Petroleum Company 94.8108% and J. Hiram Moore, Betty Jane Moore, and Michael Harrison Moore, Trustees of the Moore Trust 5.1892% until development costs are recovered. North American Royalties, Inc. and Louis W. Hill, Jr. leases are subject to litigation.

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
62.	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	15.535710 240.000000	HBP	Evelyn Margaret Rauch and Lloyd Rauch 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	15.000000 240.000000	HBP	D. E. Balch 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	3.214280 240.000000	HBP	Janet M. Reichert 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	9.107140 240.000000	HBP	Margaret H. Rummel 18.75%		Cardinal Petroleum Company 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857145 240.000000	HBP	J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 12.50%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857145 240.000000	HBP	Elizabeth Landis 18.75%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	2.857145 240.000000	HBP	De Witt Landis, Jr. 9.375% Charles E. Landis 9.375%		J. Hiram Moore, Betty Jane Moore, Michael Harrison Moore, Trustees of the Moore Trust 100%	
	Township 140 North, Range 96 West Section 14: SW/4, W/2NW/4	30.000000 240.000000	HBP	North American Royalties, Inc. 12.50%		North American Royalties, Inc. 100%	
	Township 140 North, Range 96 West Section 14: E/2NW/4	60.000000 80.000000	HBP	John J. Wolfe 12.50%	Continental Oil Company 6.25%	Cardinal Petroleum Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
52.	Township 140 North, Range 96 West Section 14: E/2NW/4	20.00 80.00	HBP	Arthur J. Wolfe 12.50%	Continental Oil Company 6.25%	Cardinal Petroleum Company 100%	
63.	Township 140 North, Range 96 West Section 14: E/2	80.00 320.00	11- 4-74	John J. Wolfe 12.50%		Continental Oil Company 100%	Continental Oil Company 100%
	Township 140 North, Range 96 West Section 14: E/2	80.00 320.00	11- 4-74	Arthur J. Wolfe 12.50%		Continental Oil Company 100%	
	Township 140 North, Range 96 West Section 14: E/2	160.00 320.00	10-13-74	The Federal Land Bank of Saint Paul 12.50%		Continental Oil Company 100%	
64.	Township 139 North, Range 97 West Section 3: SE/4	76.66667 160.00000	2-20-76	H. S. Swan .54348% W. F. Eisenberg 1.08696% E. Orcutt 1.08695% Paul Harrel .54348% Cecil Kelsey .54348% Marshall Cator 1.08695% George A. Broome 1.63043% E. B. Kelly 5.97824% total 12.50000%		Shell Oil Company 100%	Shell Oil Company 98.02735% Henry Kadrmas 1.899375% Patsy Ann O'Gilvy } Neal O'Gilvy } .07890% Evelyn West } Bill West }
	Township 139 North, Range 97 West Section 3: SE/4, except that part of the Stark County, North Dakota road formerly U.S. Highway No. 10 located in the SE/4 of Section 3.	3.20708 153.94000	1-20-76	Patsy Ann O'Gilvy } Neal O'Gilvy } 12.50% Evelyn West } Bill West }		Shell Oil Company 100%	

Tract No.	Description Of Tract	No. of Acres	Expiration Date of Lease	Land Owners and Royalty Rate	Name of Owner and Percentage of Overriding Royalty Under Option Agreement or Assignment	Working Interest Owner and Percentage of Interest	Working Interest By Tracts
64.	Township 139 North, Range 97 West Section 3: SE/4, except that part of the Stark County, North Dakota road formerly U.S. Highway No. 10 located in the SE/4 of Section 3.	76.97 ~~153.94~~	9-16-74	Henry Kadrmas 12.50%		Shell Oil Company 100%	
	Township 139 North, Range 97 West Section 3: All that part of the Stark County, North Dakota road formerly U.S. Highway No. 10 located in the SE/4 of Section 3.	.12625 ~~6.06000~~		Patsy Ann O'Gilvy } Neal O'Gilvy } 12.50% Evelyn West } Bill West }		Patsy Ann O'Gilvy } Neal O'Gilvy } Evelyn West } 100% Bill West }	
	Township 139 North, Range 97 West Section 3: All that part of the Stark County, North Dakota road formerly U.S. Highway No. 10 located in the SE/4 of Section 3.	3.03000 ~~6.06000~~		Henry Kadrmas 12.50%		Henry Kadrmas 100%	
65.	Township 139 North, Range 96 West Section 5: Lots 1, 2, 3, and 4, S/2N/2	323.78	HBP	State of North Dakota 12.50%		Union Oil Company of California 100%	Union Oil Company of California 100%
TOTAL ACRES		16,308.42					

EXHIBIT " E "

Attached to and made a part of PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

ACCOUNTING PROCEDURE JOINT OPERATIONS

I. GENERAL PROVISIONS

1. Definitions

"Joint Account" shall mean the account showing the charges and credits accruing because of the Joint Operations and which are to be shared by the Parties.

"Joint Property" shall mean the real and personal property subject to the agreement to which this Accounting Procedure is attached.

"Joint Operations" shall mean all operations necessary or proper for the development, operation, protection and maintenance of the Joint Property.

"Operator" shall mean the party designated to conduct the Joint Operations.

"Non-Operators" shall mean the parties to this agreement other than the Operator.

"Parties" shall mean Operator and Non-Operators.

"Material" shall mean personal property, equipment or supplies acquired or held for use on the Joint Property.

"Controllable Material" shall be defined as set forth under the subparagraph selected below:

- A. ☒ Material which at the time is so classified in the Material Classification Manual as most recently recommended by the Council of Petroleum Accountants Societies of North America.
- B. ☐ Material which is ordinarily so classified and controlled by Operator in the conduct of its operations. List shall be furnished Non-Operators upon request.

2. Statements and Billings

Operator shall bill Non-Operators on or before the last day of each month for their proportionate share of costs and expenses for the preceding month. Such bills will be accompanied by statements reflecting the total charges and credits as set forth under the subparagraph selected below:

- A. ☐ Statement in detail of all charges and credits to the Joint Account.
- B. ☐ Statement of all charges and credits to the Joint Account, summarized by appropriate classifications indicative of the nature thereof.
- C. ☒ Statement of all charges and credits to the Joint Account, summarized by appropriate classification indicative of the nature thereof, except that items of Controllable Material and unusual charges and credits shall be detailed.

3. Advances and Payments by Non-Operators

Unless otherwise provided for in the agreement, the Operator may require the Non-Operators to advance their share of estimated cash outlay for the succeeding month's operation. Operator shall adjust each monthly billing to reflect advances received from the Non-Operators.

Each Non-Operator shall pay its proportion of all bills within fifteen (15) days after receipt. If payment is not made within such time, the unpaid balance shall bear interest monthly at the rate of ten per cent (10%) per annum or the maximum contract rate permitted by the applicable usury laws in the state in which the Joint Property is located, whichever is the lesser.

4. Adjustments

Payment of any such bills shall not prejudice the right of any Non-Operator to protest or question the correctness thereof; provided however, all bills and statements rendered to Non-Operators by Operator during any calendar year shall conclusively be presumed to be true and correct after twenty-four (24) months following the end of any such calendar year, unless within the said twenty-four (24) month period a Non-Operator takes written exception thereto and makes claim on Operator for adjustment. No adjustment favorable to Operator shall be made unless it is made within the same prescribed period. The provisions of this paragraph shall not prevent adjustments resulting from a physical inventory of the Joint Property as provided for in Section VII.

5. Audits

A Non-Operator, upon notice in writing to Operator and all other Non-Operators, shall have the right to audit Operator's accounts and records relating to the accounting hereunder for any calendar year within the twenty-four (24) month period following the end of such calendar year; provided however, the making of an audit shall not extend the time for the taking of written exception to and the adjustments of accounts as provided for in Paragraph 4 of this Section I. Where there are two or more Non-Operators, the Non-Operators shall make every reasonable effort to conduct joint or simultaneous audits in a manner which will result in a minimum of inconvenience to the Operator. Operator shall bear no portion of the Non-Operators' audit cost incurred under this paragraph unless agreed to by the Operator.

6. Approval by Non-Operators

Where an approval or other agreement of Non-Operators is expressly required under Paragraphs 5A, 5B, 6A and 8 of Section II, Section III, Section V, Section VI, and Paragraph 4 of Section VII, of this Accounting Procedure and if the agreement to which this Accounting Procedure is attached contains no contrary provisions in regard thereto, the Operator shall notify all Non-Operators and the agreement or approval of a majority in interest of the Non-Operators shall be controlling on all Non-Operators.

II. DIRECT CHARGES

Operator shall charge the Joint Account with the following items:

1. Rentals and Royalties

Lease rentals and royalties paid by Operator for the Joint Operations.

2. Labor

- A. (1) Salaries and wages of Operator's employees directly employed on the Joint Property in the conduct of Joint Operations.
- (2) Salaries of first-level supervisors in the field if such charges are excluded from overhead rates in Option A of Section III.
- (3) Salaries and wages of technical employees temporarily assigned to and directly employed on the Joint Property if such charges are excluded from overhead rates in Option B of Section III.
- (4) Salaries and wages of technical employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property if such charges are excluded from overhead rates in Option C of Section III.
- B. Operator's cost of holiday, vacation, sickness and disability benefits and other customary allowances paid to the employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II and Paragraph 1A of Section III; except that in the case of those employees only a pro rata portion of whose salaries and wages are chargeable to the Joint Account under Paragraph 1A of Section III, not more than the same pro rata portion of the benefits and allowances herein provided for shall be charged to the Joint Account. Cost under this Paragraph 2B may be charged on a "when and as paid basis" or by "percentage assessment" on the amount of salaries and wages chargeable to the Joint Account under Paragraph 2A of this Section II and Paragraph 1A of Section III. If percentage assessment is used, the rate shall be based on the Operator's cost experience.
- C. Expenditures or contributions made pursuant to assessments imposed by governmental authority which are applicable to Operator's labor cost of salaries and wages chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II and Paragraph 1A of Section III.
- D. Reasonable personal expenses of those employees whose salaries and wages are chargeable to the Joint Account under Paragraph 2A of this Section II and for which expenses the employees are reimbursed under Operator's usual practice.

3. Employee Benefits

Operator's current cost of established plans for employees' group life insurance, hospitalization, pension, retirement, stock purchase, thrift, bonus, and other benefit plans of a like nature, applicable to Operator's labor cost chargeable to the Joint Account under Paragraphs 2A and 2B of this Section II and Paragraph 1A of Section III shall be chargeable as indicated in the subparagraph selected below:

- A. ☐ Operator's actual cost.
- B. ☒ Operator's actual cost not to exceed fifteen per cent (15%).

4. Material

Material purchased or furnished by Operator for use on the Joint Property as provided under Section IV. So far as it is reasonably practical and consistent with efficient and economical operation, only such Material shall be purchased for or transferred to the Joint Property as may be required for immediate use; and the accumulation of surplus stocks shall be avoided.

5. Transportation

Transportation of employees and Material necessary for the Joint Operations but subject to the following limitations:

- A. If Material is moved to the Joint Property from the Operator's warehouse or other properties, no charge shall be made to the Joint Account for a distance greater than the distance from the nearest reliable supply store, recognized barge terminal, or railway receiving point where like material is normally available, unless agreed to by Operator and Non-Operators.
- B. If surplus Material is moved to Operator's warehouse or other storage point, no charge shall be made to the Joint Account for a distance greater than the distance to the nearest reliable supply store, recognized barge terminal, or railway receiving point unless agreed to by Operators and Non-Operators. No charge shall be made to the Joint Account for moving Material to other properties belonging to Operator, unless agreed to by Operator and Non-Operators.
- C. In the application of Subparagraphs A and B above, there shall be no equalization of actual gross trucking costs of \$100 or less.

6. Services

- A. The cost of contract services and utilities procured from outside sources other than services covered by Paragraph 8 of this Section II and Paragraph 1B of Section III. The cost of professional consultant services shall not be charged to the Joint Account unless agreed to by Operator and Non-Operators.
- B. Use and service of equipment and facilities furnished by Operator as provided in Paragraph 5 of Section IV.

7. Damages and Losses to Joint Property

All costs or expenses necessary for the repair or replacement of Joint Property made necessary because of damages or losses incurred by fire, flood, storm, theft, accident, or other cause, except to the extent that the damage or loss could have been avoided through the exercise of reasonable diligence on the part of Operator. Operator shall furnish Non-Operators written notice of damages or losses incurred as soon as practicable after a report thereof has been received by Operator.

8. Legal Expense

All costs and expenses of handling, investigating, and settling litigation or claims arising by reason of the Joint Operations or necessary to protect or recover the Joint Property, including, but not limited to, attorney's fees, court costs, cost of investigation or procuring evidence and amounts paid in settlement or satisfaction of any such litigation or claims; provided, (a) no charge shall be made for the services of Operator's legal staff or other regularly employed personnel (such services being considered to be Administrative Overhead under Section III), unless agreed to by Operator and Non-Operators, and (b) no charge shall be made for the fees and expenses of outside attorneys unless the employment of such attorneys is agreed to by Operator and Non-Operators.

9. Taxes

All taxes of every kind and nature assessed or levied upon or in connection with the Joint Property, the operation thereof, or the production therefrom, and which taxes have been paid by the Operator for the benefit of the Parties.

10. Insurance

Net premiums paid for insurance required to be carried on the Joint Property for the protection of the Parties. In the event Joint Operations are conducted in a state in which Operator may act as self-insurer for Workmen's Compensation and/or Employers Liability under the respective state's laws, Operator may, at its election, include the risk under its self-insurance program and in that event, Operator shall include a charge therefor on the following basis:

11. Other Expenditures

Any other expenditure not covered or dealt with in the foregoing provisions of this Section II, or in Section III, and which is incurred by the Operator for the necessary and proper conduct of the Joint Operations.

III. INDIRECT CHARGES

Operator may charge the Joint Account for indirect costs either by use of an allocation of district expense items plus the rate for administrative overhead, and plus the warehousing charges, all as provided for in Paragraph 1 of this Section III or by combining all three of said items under the rates provided for in Paragraph 2 or 3 of this Section III, as indicated next below:

OPERATOR SHALL CHARGE INDIRECT COSTS TO THE JOINT ACCOUNT UNDER THE TERMS OF:

- [] Paragraph 1. (District Expense, Administrative Overhead and Warehousing)
- [X] Paragraph 2. (Combined Rates - Well Basis)
- [] Paragraph 3. (Combined Rates - Percentage Basis)

The cost and expense of services from outside sources in connection with matters of taxation, traffic, accounting or matters before or involving governmental agencies shall be considered as included in the overhead rates provided for in the above selected Paragraph of this Section III unless such cost and expense are agreed to by Operator and Non-Operators as a direct charge to the Joint Account.

THE OVERHEAD RATES PROVIDED FOR IN ANY OF THE PARAGRAPHS SELECTED ABOVE

- A. [] shall [X] shall not include salaries and personal expenses of first-level supervisors in the field.
- B. [] shall [X] shall not include salaries, wages and personal expenses of technical employees temporarily assigned to and directly employed on the Joint Property.
- C. [X] shall [] shall not include salaries, wages and personal expenses of technical employees either temporarily or permanently assigned to and directly employed in the operation of the Joint Property.

but not on

1. District Expense, Administrative Overhead and Warehousing

A. District Expense

Operator shall charge the Joint Account with a pro rata portion of the salaries, wages and expenses of Operator's production superintendent and other employees serving the Joint Property and other properties of the Operator in the same operating area, whose time is not allocated directly to the properties, and a pro rata portion of the cost of maintaining and operating a production office known as Operator's office located at or near (or a comparable office if location changed); and necessary sub-offices (if any), maintained for the convenience of the above-described office, and all necessary camps, including housing facilities for employees if required, used in connection with the operations of the Joint Property and other properties in the same operating area. The expense of, less any revenue from, such facilities may, at the option of Operator, include depreciation of investment or a fair monthly rental in lieu of depreciation. Such charges shall be apportioned to all properties served on some equitable basis consistent with Operator's accounting practice.

B. Administrative Overhead

Operator shall charge administrative overhead to the Joint Account at the following rates, which charge shall be in lieu of the cost and expense of all offices of the Operator not covered by Paragraph 1A of this Section III, including salaries, wages and expenses of personnel assigned to such offices. Such charge shall be in addition to the salaries, wages and expenses of employees of Operator authorized to be charged direct as provided in Paragraphs 2 and 8 of Section II. Such charge shall be made on the basis indicated below, either (1) well basis or (2) percentage basis, at the rates shown thereunder.

(1) [] Well Basis

RATE PER WELL PER MONTH

Well Depth	DRILLING WELL RATE (Use Total Depth)	PRODUCING WELL RATE (Use Current Producing Depth)		
	Each Well	First Five	Next Five	All Wells Over Ten

(2) [] Percentage Basis

PERCENTAGE BASIS

Development:

Percent (%) of the cost of development of the Joint Property exclusive of costs provided under Paragraph 8 of Section II and all salvage credits.

Operating:

Percent (%) of the cost of operating the Joint Property exclusive of costs provided under Paragraphs 1 and 8 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

C. Operator's Warehouse Operating and Maintenance Expense

- [] Included in district expense
 [X] No charge either direct or indirect
 [] Percentage basis (describe fully)

2. Combined Rates - Well Basis

Operator shall charge the Joint Account for the services covered by Paragraph 1 of this Section III on the basis indicated below:

Well Depth	RATE PER WELL, PER MONTH		
	DRILLING WELL RATE (Use Total Depth)	PRODUCING WELL RATE (Use Current Producing Depth)	
	Each Well	First Five	All Wells
All	1180		150

3. Combined Rates - Percentage Basis

Operator shall charge the Joint Account for the services covered by Paragraph 1 of this Section III on the basis indicated below:

PERCENTAGE BASIS

A. Development:

Percent (%) of the cost of development of the Joint Property exclusive of costs provided under Paragraph 8 of Section II and all salvage credits.

B. Operating:

Percent (%) of the cost of operating the Joint Property exclusive of costs provided under Paragraphs 1 and 8 of Section II, all salvage credits, the value of injected substances purchased for secondary recovery and all taxes and assessments which are levied, assessed and paid upon the mineral interest in and to the Joint Property.

4. Application of Administrative Overhead or Combined Rates - Well Basis

The following limitations, instructions and charges shall apply in the application of the rates as provided under either Paragraph 1B (1) or Paragraph 2 of this Section III.

A. Charges for drilling wells shall begin on the date each well is spudded and terminate on the date the drilling or completion rig is released, whichever is later, except that no charge shall be made during the suspension of drilling operations for fifteen (15) or more consecutive days.

B. The status of wells shall be as follows:

- (1) Producing gas wells, injection wells for recovery operations, water supply wells utilized for waterflood-ing operations and salt water disposal wells shall be considered the same as producing oil wells.
- (2) Wells permanently shut down but on which plugging operations are deferred shall be dropped from the well schedule at the time the shutdown is effected. Any well being plugged or produced during any portion of the month shall be considered as a producing well for the entire month.
- (3) Wells being plugged back, drilled deeper, converted to a source or input well, or which are undergoing any type of workover that requires the use of a drilling rig or workover rig capable of drilling shall be considered the same as drilling wells.
- (4) Temporarily shut-down wells, which are not produced or worked upon for a period of a full calendar month, shall not be included in the well schedule. ~~provided however, wells shut in by governmental regulatory body shall be included in the well schedule only in the event the allowable production is transferred to some other well or wells on the Joint Property. In the event of a unit allowable shut-in, wells shall be counted in determining the charge hereunder for such month if said wells contribute allow-able production that is actually produced during such month from one or more unit wells as a result of allowable transfer, to be used in the unit allowable or other circumstances, but the total shut-in well count shall be limited to the minimum number of shut-in wells necessary to provide the contributed allowable actually produced during the month.~~
- (5) Gas wells shall be included in the well schedule if directly connected to a permanent sales outlet even though temporarily shut in due to overproduction or failure of purchaser to take the allowed production.
- (6) Wells completed in multiple horizons, shall be considered as a producing well for each separately pro- ducing horizon, providing each completion is considered a separate well by governmental or other state- wide regulatory authority.

C. The well rates for producing wells shall be applied to the individual leases; provided that, whenever leases covered by this agreement are operated as a unitized project, the well rates shall be applied to the total number of producing wells, irrespective of individual leases.

D. The well rates shall be adjusted as of the first day of April each year following the effective date of the agreement to which this Accounting Procedure is attached. The adjustment shall be computed by multiplying the rate currently in use by the percentage increase or decrease in the average weekly earnings of Crude Petroleum and Gas Production Workers for the last calendar year compared to the preceding calendar year as shown by "The Index of Average Weekly Earnings of Crude Petroleum and Gas Production Workers" as published by the United States Department of Labor, Bureau of Labor Statistics, or the equivalent Canadian Index as published by the Dominion Bureau of Statistics, as applicable. The adjusted rates shall be the rates currently in use, plus or minus the computed adjustment.

5. Application of Administrative Overhead or Combined Rates - Percentage Basis

For the purpose of determining charges on a Percentage Basis under Paragraph 1B (2) or Paragraph 3 of this Section III, Development shall include all costs in connection with drilling, redrilling, deepening or any remedial operations on any or all wells involving the use of drilling crew and equipment; also, preliminary expenditures necessary in preparation for drilling and expenditures incurred in abandoning when well is not completed as a producer; and original cost of construction or installation of fixed assets, the expansion of fixed assets and any other project clearly discernible as a fixed asset, except Major Construction as defined in Paragraph 6 of this Section III. All other costs shall be considered as Operating.

6. Major Construction Overhead

For the construction of compressor plants, water stations, secondary recovery systems, drilling and production platforms, salt water disposal facilities, and other such projects, as distinguished from the more usual drilling

and producing operations, Operator in addition to the Administrative Overhead or Combined Rates provided for in Paragraph 1, 2 or 3 of this Section III shall either negotiate a rate prior to beginning of construction or shall charge the Joint Account with an additional overhead charge as follows:

- A. Total cost less than \$25,000, no charge.
- B. Total cost more than \$25,000, but less than \$100,000, ... 3 % of total cost.
- C. Total cost of \$100,000 or more, ... 3 % of the first \$100,000 plus 2 % of all over \$100,000 of total cost.

Total cost shall mean the total gross cost of any one project. For the purpose of this paragraph the component parts of a single project shall not be treated separately and the cost of drilling wells shall be excluded.

7. Amendment of Rates

The specific rates provided for in this Section III may be amended from time to time by mutual agreement between the Parties hereto if, in practice, the rates are found to be insufficient or excessive.

IV. BASIS OF CHARGES TO JOINT ACCOUNT

Subject to the further provisions of this Section IV, Operator will procure all Material and services for the Joint Property. At the Operator's option, Non-Operators may supply Material or services for the Joint Property.

1. Purchases

Material purchased and service procured shall be charged at the price paid by Operator after deduction of all discounts actually received.

2. Material furnished from Operator's Warehouse or Other Properties

A. New Material (Condition "A")

- (1) Tubular goods, except line pipe, shall be priced on a maximum carload and/or barge load weight basis regardless of quantity transferred and equalized to the lowest prevailing price f.o.b. railway receiving point or recognized barge terminal nearest the Joint Property where such Material is normally available effective at date of transfer.
- (2) Line pipe shall be priced at the current replacement cost effective at date of transfer from a reliable supply store nearest the Joint Property where such Material is normally available if the movement is less than 30,000 pounds. If the movement is 30,000 pounds or more, it shall be priced on the same basis as casing and tubing under Subparagraph (1) of this paragraph.
- (3) When the Operator has equalized actual hauling costs as provided for in Paragraph 5 of Section II, Operator is permitted to include ten cents (10¢) per hundred-weight on all tubular goods furnished from his stocks in lieu of loading and unloading costs sustained.
- (4) Other Material shall be priced at the current replacement cost of the same kind of Material, effective at date of movement and f.o.b. the supply store or railway receiving point nearest the Joint Property where Material of the same kind is normally available.
- (5) The Joint Account shall not be credited with cash discounts applicable to prices provided for in this Paragraph 2 of Section IV.

B. Used Material (Condition "B" and "C")

- (1) Material in sound and serviceable condition and suitable for reuse without reconditioning, shall be classified as Condition "B" and priced at seventy-five per cent (75%) of the current price of new Material.
- (2) Material which is not suitable for its original function until after reconditioning shall be furnished to the Joint Account under one of the two methods defined below:
 - (a) Classified as Condition "B" and priced at seventy-five per cent (75%) of the current price of new Material. The cost of reconditioning shall be absorbed by the Operator of the transferring property.
 - (b) Classified as Condition "C" and priced at fifty per cent (50%) of current price of new Material. The cost of reconditioning also shall be charged to the receiving property, provided Condition "C" value, plus cost of reconditioning, does not exceed Condition "B" value.
- (3) Obsolete Material or Material which cannot be classified as Condition "B" or Condition "C" shall be priced at a value commensurate with its use. Material no longer suitable for its original purpose but usable for some other purpose, shall be priced on a basis comparable with that of items normally used for such other purpose.
- (4) Material involving erection costs shall be charged at applicable percentage of the current knocked-down price of new Material.

3. Premium Prices

Whenever Material is not readily obtainable at prices specified in Paragraphs 1 and 2 of this Section IV because of national emergencies, strikes or other unusual causes over which the Operator has no control, the Operator may charge the Joint Account for the required Material at the Operator's actual cost incurred in procuring such Material, in making it suitable for use, and in moving it to the Joint Property, provided, that notice in writing is furnished to Non-Operators of the proposed charge prior to billing Non-Operators for such Material. Each Non-Operator shall have the right, by so electing and notifying Operator within 10 days after receiving notice from Operator, to furnish in kind all or part of his share of such Material suitable for use and acceptable to Operator.

4. Warranty of Material Furnished by Operator

Operator does not warrant the Material furnished. In case of defective Material, credit shall not be passed to the Joint Account until adjustment has been received by Operator from the manufacturers or their agents.

5. Equipment and Facilities Furnished by Operator

- A. Operator shall charge the Joint Account for use of equipment and facilities at rates commensurate with cost of ownership and operation. Such rates shall include cost of maintenance, repairs, other operating expense, insurance, taxes, depreciation, and interest on investment not to exceed six per cent (6%) per annum, provided such rates shall not exceed those currently prevailing in the immediate area within which the Joint Property is located. In lieu of rates based on costs of ownership and operation of equipment, other than automotive, Operator may elect to use commercial rates prevailing in the area of the Joint Property less 20%; for automotive equipment, rates as published by the Petroleum Motor Transport Association may be used. Rates for laboratory services shall not exceed those currently prevailing if performed by

outside service laboratories. Rates for trucks, tractors and well service units may include wages and expenses of operator.

- B. Whenever requested, Operator shall inform Non-Operators in advance of the rates it proposes to charge.
- C. Rates shall be revised and adjusted from time to time when found to be either excessive or insufficient.

V. DISPOSAL OF MATERIAL

The Operator may purchase, but shall be under no obligation to purchase, interest of Non-Operators in surplus Condition "A" or "B" Material. The disposition of surplus Controllable Material, not purchased by Operator, shall be agreed to by Operator and Non-Operators, provided Operator shall dispose of normal accumulations of junk and scrap Material either by transfer or sale from Joint Property.

1. Material Purchased by the Operator or Non-Operators.

Material purchased by either the Operator or Non-Operators shall be credited by the Operator to the Joint Account for the month in which the Material is removed by the purchaser.

2. Division in Kind

Division of Material in kind, if made between Operator and Non-Operators, shall be in proportion to the respective interests in such Material. The Parties will thereupon be charged individually with the value of the Material received or receivable. Proper credits shall be made by the Operator to the Joint Account.

3. Sales to Outsiders

Sales to outsiders of Material from the Joint Property shall be credited by Operator to the Joint Account at the net amount collected by Operator from vendee. Any claim by vendee related to such sale shall be charged back to the Joint Account if and when paid by Operator.

VI. BASIS OF PRICING MATERIAL TRANSFERRED FROM JOINT ACCOUNT

Material purchased by either Operator or Non-Operators or divided in kind, unless agreed to by Operator and Non-Operators shall be priced on the following basis:

1. New Price Defined

New price as used in this Section VI shall be the price specified for new Material in Section IV.

2. New Material

New Material (Condition "A"), being new Material procured for the Joint Property but never used, at one hundred per cent (100%) of current new price (plus sales tax if any).

3. Good Used Material

Good used Material (Condition "B"), being used Material in sound and serviceable condition, suitable for reuse without reconditioning:

- A. At seventy-five per cent (75%) of current new price if Material was charged to Joint Account as new, or
- B. At sixty-five per cent (65%) of current new price if Material was originally charged to the Joint Account as secondhand at seventy-five per cent (75%) of new price.

4. Other Used Material

Used Material (Condition "C"), at fifty per cent (50%) of current new price, being used Material which:

- A. Is not in sound and serviceable condition but suitable for reuse after reconditioning, or
- B. Is serviceable for original function but not suitable for reconditioning.

5. Bad-Order Material

Material (Condition "D"), no longer suitable for its original purpose without excessive repair cost but usable for some other purpose at a price comparable with that of items normally used for such other purpose.

6. Junk Material

Junk Material (Condition "E"), being obsolete and scrap Material, at prevailing prices.

7. Temporarily Used Material

When the use of Material is temporary and its service to the Joint Property does not justify the reduction in price as provided for in Paragraph 3B of this Section VI, such Material shall be priced on a basis that will leave a net charge to the Joint Account consistent with the value of the service rendered.

VII. INVENTORIES

The Operator shall maintain detailed records of Controllable Material.

1. Periodic Inventories, Notice and Representation

At reasonable intervals, inventories shall be taken by Operator of the Joint Account Controllable Material. Written notice of intention to take inventory shall be given by Operator at least thirty (30) days before any inventory is to begin so that Non-Operators may be represented when any inventory is taken. Failure of Non-Operators to be represented at an inventory shall bind Non-Operators to accept the inventory taken by Operator.

2. Reconciliation and Adjustment of Inventories

Reconciliation of inventory with the Joint Account shall be made, and a list of overages and shortages shall be furnished to the Non-Operators. Inventory adjustments shall be made by Operator with the Joint Account for overages and shortages, but Operator shall be held accountable to Non-Operators only for shortages due to lack of reasonable diligence.

3. Special Inventories

Special Inventories may be taken whenever there is any sale or change of interest in the Joint Property. It shall be the duty of the party selling to notify all other Parties as quickly as possible after the transfer of interest takes place. In such cases, both the seller and the purchaser shall be governed by such inventory.

4. Expense of Conducting Periodic Inventories

The expense of conducting periodic inventories shall not be charged to the Joint Account unless agreed to by Operator and Non-Operators.

EXHIBIT "F" **DICKINSON HEATH SAND UNIT**

Unless exempted by Federal law, regulation or order, the following terms and conditions shall apply during the performance of this contract:

I. EQUAL OPPORTUNITY CLAUSE

A. During the performance of this contract, the CONTRACTOR agrees as follows:

- (1) The CONTRACTOR will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The CONTRACTOR will take affirmative action to ensure that applicants are employed and that employees are treated during employment, without regard to their race, color, religion, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer, recruitment or recruitment advertising; layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. The CONTRACTOR agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided by the contracting officer setting forth the provisions of this nondiscrimination clause.
- (2) The CONTRACTOR will, in all solicitations or advertisements for employees placed by or on behalf of the CONTRACTOR, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- (3) The CONTRACTOR will send to each labor union or representative of workers with which has a collective bargaining agreement or other contract or understanding, a notice to be provided by the agency contracting officer, advising the labor union or workers' representative of the CONTRACTOR'S commitments under Section 202 of Executive Order 11246 of September 24, 1965, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- (4) The CONTRACTOR will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- (5) The CONTRACTOR will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by the rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the contracting agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations, and orders.
- (6) In the event of the CONTRACTOR'S noncompliance with the nondiscrimination clauses of this Agreement or with any of such rules, regulations, or orders, this Agreement may be cancelled, terminated or suspended in whole or in part and the CONTRACTOR may be declared ineligible for further Government contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rule, regulation, or order of the Secretary of Labor, or as otherwise provided by law.
- (7) The CONTRACTOR will include the provisions of paragraphs (1) through (7) in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The CONTRACTOR will take such action with respect to any subcontract or purchase order as the contracting agency may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, however, that in the event the CONTRACTOR becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the contracting agency, the CONTRACTOR may request the United States to enter into such litigation to protect the interests of the United States.

B. If required to do so by Federal law, regulation, or order, CONTRACTOR agrees that he shall:

- (1) File with the Office of Federal Contract Compliance or agency designated by it, a complete and accurate report on Standard Form 100 (EEO-1) within 30 days after the signing of this Agreement (unless such a report has been filed in the last 12 months), and continue to file such reports annually, on or before March 31st;
- (2) Develop and maintain a written affirmative action compliance program for each of its establishments in accordance with the regulations of the Secretary of Labor promulgated under Executive Order 11246, as amended.

II. CERTIFICATE OF NONSEGREGATED FACILITIES

CONTRACTOR certifies that he does not and will not maintain or provide for his employees any segregated facilities at any of his establishments, and that he does not and will not permit his employees to perform their services at any location, under his control, where segregated facilities are maintained. CONTRACTOR understands that the phrase "segregated facilities" includes facilities which are in fact segregated on a basis of race, color, creed, or national origin, because of habit, local custom, or otherwise. CONTRACTOR understands and agrees that maintaining or providing segregated facilities for his employees or permitting his employees to perform their services at any locations, under his control, where segregated facilities are maintained is a violation of the Equal Opportunity Clause required by Executive Order No. 11246 of September 24, 1965, and the regulations of the Secretary of Labor set out in 41 CFR Chapter 60. CONTRACTOR further agrees that (except where it has obtained identical certifications from proposed subcontractors for specific time periods) it will obtain identical or substantially identical certifications from proposed subcontractors prior to the award of subcontracts exceeding \$10,000 which are not exempt from the provisions of the Equal Opportunity Clause.

EXHIBIT "G"
DICKINSON HEATH SAND UNIT
INTANGIBLE INVESTMENT ADJUSTMENT

The Intangible Investment Adjustment Schedule shows how the adjustment will effect all Working Interest Owners based upon current ownership. Tracts 2, 13, 26, 39, and 62 may have changes in ownership in the future which will require revisions in the Schedule.

<u>Working Interest Owners</u>	<u>Phase II Participation</u>	<u>Debit Column 2 x \$80,625</u>	<u>Intangible Investment Credit Schedule</u>	<u>Net Column 4 Minus Column 3</u>
Boswell Corporation	.0093094	\$ 750.57	\$ 937.50	\$ 186.93*
Cardinal Petroleum Company	.1277892	10,303.00	12,611.18	2,308.18*
Central Oil Company	.0091884	740.82	1,098.63	357.81*
Cities Service Oil Company	.0069643	561.50	937.50	376.00
Continental Oil Company	.3369819	27,169.17	27,598.24	429.07*
Felmont Oil Corporation	.0151383	1,220.53	351.57	(868.96)*
A. G. Golden	.0003167	25.53	29.30	3.77
G. G. Green	.0006125	49.38	73.24	23.86*
Helmerich and Payne, Inc.	.0021640	174.47	439.45	264.98
Louis W. Hill, Jr.	.0615680	4,963.92	3,843.66	(1,120.26)*
Huston Huffman	.0004328	34.89	87.89	53.00
Hunt Petroleum Corporation	.0050676	408.58	468.75	60.17
H. L. Hunt	.0010526	84.86	93.75	8.89
Clyde W. Jones	.0011741	94.66	61.68	(32.98)
King Resources	.0041408	333.85		(333.85)
Gene C. Litch	.0006504	52.44		(52.44)
Lone Star Producing Company	.0060495	487.74	1,875.00	1,387.26
J. Hiram Moore	.0045960	370.55	533.58	163.03*
North American Royalties, Inc.	.1031384	8,315.54	7,919.04	(396.50)*
Joe V. Ridl	.0038926	313.84		(313.84)
Shell Oil Company	.2322692	18,726.70	15,102.54	(3,624.16)*
Hudson Smart	.0014987	120.83		(120.83)
C. C. Spencer	.0013008	104.88		(104.88)
David J. Sorenson	.0019321	155.78		(155.78)
Superior Oil Company	.0453089	3,653.03	4,687.50	1,034.47*
Union Oil Company	.0153969	1,241.38	1,875.00	633.62
Louis Zahradnik	.0020659	166.56		(166.56)
Totals	1.0000000	\$80,625.00	\$80,625.00	\$0,000.00

Dated June 1, 1972

*Interest will change at payout.

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-11-72

Name: Frances M. Abram

Address: 30919-54th W

Lemoore, Wash
98636

STATE OF WASHINGTON }
COUNTY OF SNOHOMISH } ss.

On this 11th day of SEPTEMBER, 1972, before me personally appeared FRANCES M. ABRAM, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that SHE executed the same.

Given under my hand and official seal this 11th day of SEPTEMBER, 1972.

Giles J. Isaacson
Notary Public

GILES J. ISAACSON
Name of Notary, typed or printed

My commission expires: 4-5-73



Royalty Interest Only

2

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 24, 1972

Name: Andrew J. Anderson

Address: Box 547 953-5TH Ave. W.

Dickinson, North Dakota 58601

STATE OF NORTH DAKOTA)
COUNTY OF STARK) ss.

On this 24th day of August, 1972, before me personally appeared Andrew J. Anderson and Louise Anderson, known to me to be the persons who ~~is~~ described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

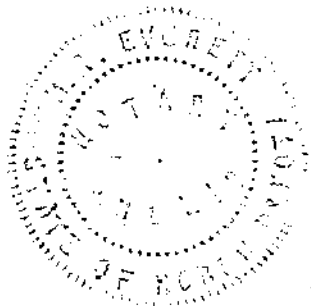
Given under my hand and official seal this 24th day of August, 1972.

M. R. Everett

M. R. Everett
Notary Public

M. R. Everett
Name of Notary, typed or printed
Notary Public, Stark County, North Dakota

My commission expires: March 1, 1976



Royalty Interest Only

11, 8, 9

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Name:

Pauline Andeluk

Address: 706 - 9TH AVE W

BISMARCK, N. DAK. 58001

MATT Andeluk

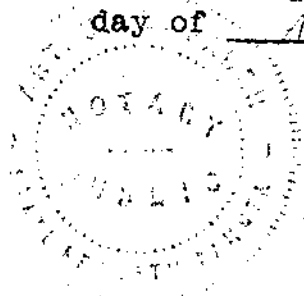
STATE OF NORTH DAKOTA

COUNTY OF STARK

ss.

On this 19TH day of AUGUST, 1972, before me personally appeared PAULINE ANDELUK AND MATT ANDELUK, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that THEY executed the same.

Given under my hand and official seal this 19TH day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

4

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

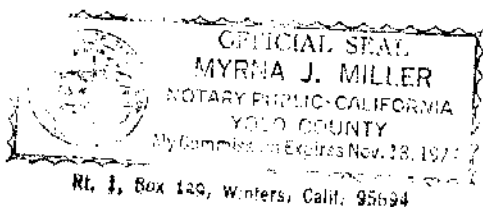
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972 Name: Walter H. A. J.
Address: 747 Plum Lane
Davis, CA 95616

STATE OF California }
COUNTY OF Yuba } ss.

On this 7th day of August, 1972,
before me personally appeared Walter H. A. J.,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7th
day of August, 1972.



Myrna J. Miller
Notary Public

MYRNA J. MILLER
Name of Notary, typed or printed

My commission expires: November 28, 1974

Royalty Interest Only

#21,37

5

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Feb. 2, 1973

Name: Duward E Balch

Address: 4909 Bywood West

Minneapolis, Minn 55436

STATE OF MINNESOTA

COUNTY OF HENNEPIN

ss.

On this 2nd day of February, 1973,
before me personally appeared Duward E Balch,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 2nd
day of February, 1973.

Michael J. Bailey
Notary Public

MICHAEL J. BAILEY
Notary Public, Hennepin Co.
My Commission Expires Nov 22, 74

Name of Notary, typed or printed

My commission expires: _____

My signature is based on the representations in letter to me from W.C. Blackburn, Continental Oil Company, dated January 18, 1973 including the representation that similar ratification and joinder signatures have been obtained from Theodore Kellogg and Ward Kirby, other royalty owners.

Duward E Balch
Royalty Interest Only

6

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

THE PRESIDENT OF THE BANK OF NORTH DAKOTA,
AS TRUSTEE FOR THE STATE OF NORTH DAKOTA

Dated: November 27, 1972

Name: H. L. Thorndal, President

Address: The Bank of North Dakota

Bismarck, North Dakota

STATE OF North Dakota

COUNTY OF Burleigh

ss.

On this 27th day of November, 1972,
before me personally appeared H. L. Thorndal,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 27th
day of November, 1972.

Ernest W. Pederson
Notary Public

Ernest W. Pederson

Name of Notary, typed or printed

My commission expires: ERNEST W. PEDERSON

My Commission Expires SEPT. 12, 1975

Royalty Interest Only

7

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name: Arthur C. Bauer

Address: P.O. Box 144

Bismarck, N. Dak. 58501

STATE OF NORTH DAKOTA

COUNTY OF BURLEIGH

} ss.

On this 28th day of July, 1972,
before me personally appeared Arthur C. Bauer,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of July, 1972.

Beatrice S. Cass
Notary Public

BEATRICE S. CASS
Name of Notary, typed or printed

My commission expires: June 3, 1973

Royalty Interest Only

8

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 7 1972

Name: Evelyn Meduna Beyers

Address: Evelyn Meduna Beyers
c/o University of Dayton
Research Institute
Dayton, Ohio 45469

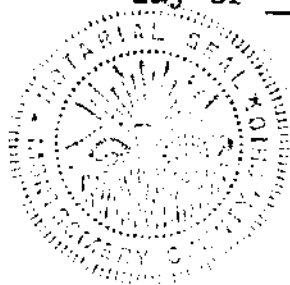
STATE OF Ohio

COUNTY OF Montgomery

ss.

On this 7th day of August, 1972,
before me personally appeared Evelyn Meduna Beyers,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7th
day of August, 1972



Mary Shay
Notary Public

Mary Shay

Name of Notary, typed or printed

My commission expires: 3/15/75

Royalty Interest Only

9

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name: Jose E. Biallas
Elsie Biallas

Address: 675 Oakwood Ave
Oakland Calif
94610

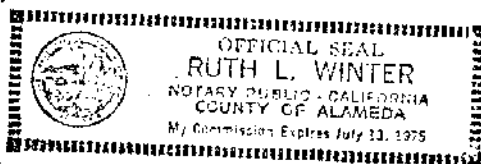
STATE OF Calif.

COUNTY OF Alameda

SS.

On this 28th day of July, 1972,
before me personally appeared JOS. E. BIALLAS and ELSIE BIALLAS,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 28th
day of July, 1972.



Ruth L. Winter
Notary Public

Ruth L. Winter

Name of Notary, typed or printed

My commission expires: July 13, 1975

Royalty Interest Only

1 35

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: ~~fully~~ July 29, 1972

Name: *Leroy Blaylock*
Address: Leroy Blaylock
18-L Brooks Towers
1020 15th Street
Denver, Colorado 80202

STATE OF Colorado }
COUNTY OF Denver } ss.

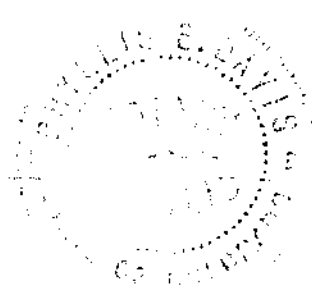
On this 29th day of July, 1972, before me personally appeared Leroy Blaylock known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that executed the same.

Given under my hand and official seal this 29th day of July, 1972.

Phyllis E. Davis
Notary Public

Phyllis E. Davis
Name of Notary, typed or printed

My commission expires: 7/31/74



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Name: Richard V. Boulger

Dated: August 25, 1972

Name: Luella M. Boulger

Address: 4852 North Bengston

Fresno, California 93705

STATE OF California }
COUNTY OF Fresno } ss.

On this 25th day of August, 1972, before me personally appeared Luella M. Boulger and Richard V. Boulger known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that executed the same.

Given under my hand and official seal this 25th day of August, 1972.

O. H. B. Boulger
U.S. DISTRICT COURT
EASTERN DIST. OF CALIF.
Name of Notary, typed or printed

My commission expires: 1975

12

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Delmar L. Boulger
Name: DELMAR L. BOULGER

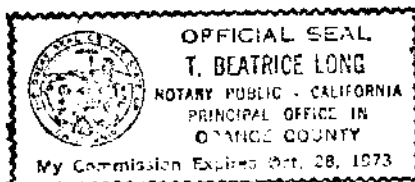
Address: 18382 Taft Ave.

Villa Park, California. 92667

STATE OF California }
COUNTY OF Orange } ss.

On this 19 day of August, 1972,
before me personally appeared Delmar L. Boulger
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 19
day of August, 1972.



T. Beatrice Long
Notary Public

T. Beatrice Long
Name of Notary, typed or printed

My commission expires: Oct. 28, 1973

Royalty Interest Only

12

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 19, 1972

Name: Phyllis Boulger

Address: 18383 Taft Ave.

Vill Park, California. 92667

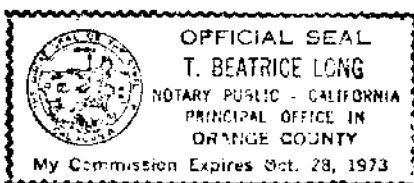
STATE OF California

COUNTY OF Orange

ss.

On this 19 day of August, 197 2,
before me personally appeared Phyllis Boulger,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 19
day of August, 197 2.



T. Beatrice Long
Notary Public

T. Beatrice Long
Name of Notary, typed or printed

My commission expires: Oct. 28, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 6 Sept 1977 Name: Jack A. Boulger
Address: Danville Boulger
24-B Stuart Towne
Beaumont, S. Cal.
29902

STATE OF South Carolina
COUNTY OF Beaufort } ss.

On this 6th day of September, 1972, before me personally appeared Jack A. Boulger known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 6th day of September, 1972

Walter I. Boulger
Notary Public

Name of Notary, typed or printed

My Commission Expires February 13, 1979

My commission expires: _____

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 11 August 1972

Name: Shelia J. Boulger

Address: West-Citizens Bank Building

U.S. M. C. B.S.

Cherry Point, North

Carolina 28533

STATE OF

North Carolina

ss.

COUNTY OF

Craven

On this 11 day of Aug, 1972,
before me personally appeared Shelia J. Boulger,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 11th
day of Aug, 1972.

Jo Anne F. Snell
Notary Public

JO ANNE F. SNELL
Name of Notary, typed or printed

My commission expires:

9-27-75

16

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 16, 1972

Name: Vincent Bren

Address: 232 - E. 2ND ST. DICKINSON N. DAK.

Beatrice Bren 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 16TH day of AUGUST, 1972, before me personally appeared VINCENT BREN AND BEATRICE BREN, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that They executed the same.

Given under my hand and official seal this 16TH day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

17

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-9-72

Name: Geneva Anderson

Address: Box 1598

Antler, Tenn. 37313

STATE OF Tenn

COUNTY OF Hamblen

} ss.

On this 07 day of August, 1972, before me personally appeared Geneva Anderson, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 7 day of August, 1972.

Geneva Anderson
Notary Public

Geneva Anderson

Name of Notary, typed or printed

My commission expires: June 1 -1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 2, 1972

Name: J. F. Brown

Address: P. O. Box 951

Pawhuska, Oklahoma 74056

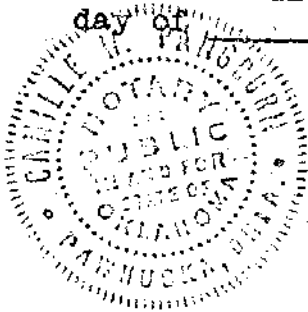
STATE OF OKLAHOMA

COUNTY OF OSAGE

} ss.

On this 2nd day of August, 197²,
before me personally appeared J. F. Brown,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 2nd
day of August, 197².



Camille W. Pangburn
Notary Public

Camille W. Pangburn

Name of Notary, typed or printed

My commission expires: 8-3-74

Royalty Interest Only

19

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7/27/72

Name: J. B.

Address: Box 5

Bismarck, N.D. 58501

STATE OF N.D.

COUNTY OF Burke

} ss.

On this 27 day of July, 1972,
before me personally appeared James L. Brown,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 27
day of July, 1972.

Steven H. Harris
Notary Public

Steven H. Harris
Name of Notary, typed or printed

My commission expires: 8-22-72

Royalty Interest Only

7/30

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/1/72

Name: J. M. Bryan

Address: Bituminous Sub 42.581

STATE OF ARKANSAS }
COUNTY OF Independence } ss.

On this 1st day of August, 1972,
before me personally appeared J. M. Bryan
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 1st
day of August, 1972.

Carol King
Notary Public

Carol King
Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 15 1972

Name: Arthur M. Givings

Address: Box 1

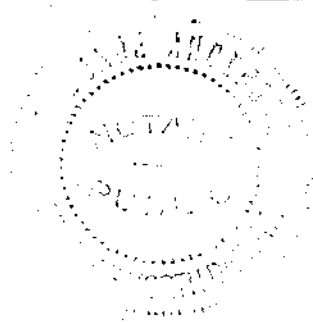
STATE OF ND

COUNTY OF Stark

ss.

On this 15 day of Dec., 1972, before me personally appeared Arthur M. Givings, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that executed the same.

Given under my hand and official seal this 15 day of Dec., 1972.



Duane Anderson
Notary Public
DUANE ANDERSON
Notary Public
Stark County, N. DAK.
My Commission Expires JUNE 24, 1976
Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUG 25 1972

Name: James E. Burk

Address: 1108 POMBROKE
EFFINGHAM ILL

STATE OF Illinois

COUNTY OF Effingham

SS.

On this 25 day of August, 1972, before me personally appeared James E. Burk known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 25 day of August, 1972.

Norman A. Beers
Notary Public

NORMAN A. BEERS
Name of Notary, typed or printed
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES OCT. 21, 1972
ISSUED THRU ILLINOIS NOTARY ASSOC.

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

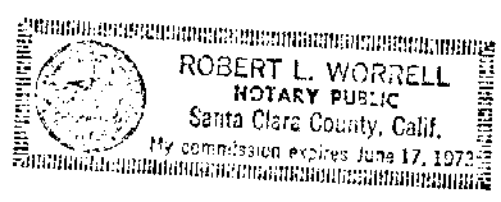
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 5, 1972 Name: Richard D. Bennett
Address: 5177 Fremont Circle
San Jose, Calif. 95123

STATE OF California }
COUNTY OF San Jose } ss.

On this 5th day of August, 1972, before me personally appeared Richard D. Bennett + William T. Bennett known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 5th day of August, 1972.



Robert L. Worrell
Notary Public
Robert L. Worrell
Name of Notary, typed or printed

My commission expires: June 17, 1973

Handwritten initials

26

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-25-72

Name: Johnnie Mae Cannon

Address: 7246 Lakewood Lane
Dallas Texas 75214

STATE OF Texas

COUNTY OF Dallas

} ss.

On this 25th day of Sept., 1972, before me personally appeared Johnnie Mae Cannon, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 25th day of Sept., 1972.

Helen Busby
Notary Public

Helen Busby
Name of Notary, typed or printed

My commission expires: 6-1-73

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:
ATTEST:

W. F. ALLEN
Secretary

NAME: CARDINAL PETROLEUM COMPANY

By T. A. Voorhees
Executive Vice President

Dated: _____ Address _____

STATE OF North Dakota }
COUNTY OF Minot } ss.

On this 1st day of August, 1972,
before me personally appeared T. A. Voorhees,
known to me to be the President of the corporation
described in and that executed the within instrument, and
acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 3rd
day of August, 1972.

James E. Brown
Notary Public

James E. Brown
Name of Notary, Typed or Printed

My commission expires: May 1, 1975

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 19, 1972 Name: Robert B. C. [Signature]
Address: 401 [Signature] Ave.
Bethesda Md 21228

STATE OF Maryland }
COUNTY OF Howard } ss.

On this 19th day of August, 1972, before me personally appeared Robert B. C. [Signature] known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 19th day of August, 1972.



Owen J. Gilliece
Notary Public

Owen J Gilliece
Name of Notary, typed or printed

My commission expires: July 1, 1974

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-7-72

Name: Marshall Carter

Address: Box 71
Summit, Tex.

STATE OF Texas

COUNTY OF Marion

ss.

On this 7th day of Aug., 1972,
before me personally appeared Marshall Carter,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 7th
day of Aug., 1972.

C. E. Beaucell
Notary Public

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: CENTRAL OIL COMPANY

By

Geo. Gardiner Green
President

Dated: July 31, 1972

Address P. O. Box 2097

Laurel, Mississippi 39440

STATE OF MISSISSIPPI

COUNTY OF JONES

ss.

On this 31st day of July, 197 2,

before me personally appeared Geo. Gardiner Green, known to me to be the President of the corporation described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 31st day of July, 197 2.

Catherine M. Welsh
Notary Public

Catherine M. Welsh
Name of Notary, Typed or Printed

My commission expires: April 18, 1974

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 1-18-73

Name: William H. Thompson

Address: Box 914

Billings, Wyoming

STATE OF North Dakota

COUNTY OF McKenzie

ss.

On this 18 day of JANUARY, 1973, before me personally appeared William H. Thompson, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 18 day of JANUARY, 1973.

Reinhold R. Reinke

Notary Public

Reinhold R. Reinke
Name of Notary, typed or printed

My commission expires: _____

REINHOLD R. REINKE, Notary Public
Ward County, North Dakota
My Commission Expires February 8, 1975

Royalty Interest Only

1-26-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 5 1972

Name: Mary E. Clara

Address: 157 Washington St.
Peabody, Mass. 01960

STATE OF Massachusetts }
COUNTY OF Essex } ss.

On this 5TH day of August, 1972,
before me personally appeared Mary E. Clara,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 5TH
day of August, 1972.

J. Norman P. [Signature]
Notary Public

J. Norman P. [Signature]
Name of Notary, typed or printed

My commission expires: March 1973

Royalty Interest Only

54

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 3, 1972 Name: John L. Becker
Address: PO Box 302
Grand Forks ND 58201

STATE OF North Dakota
COUNTY OF Ward } ss.

On this 3rd day of August, 1972,
before me personally appeared John L. Becker,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 3rd
day of August, 1972.



L. A. Miller
Notary Public
L. A. MILLER, Notary Public,
Ward County, North Dakota
My Commission Expires Feb. 20, 1978
Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

#23

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: March 7 1973 Name: Beeman Dockrey
Address: Box 1811
Beaman A.D.

STATE OF North Dakota }
COUNTY OF Stark } ss.

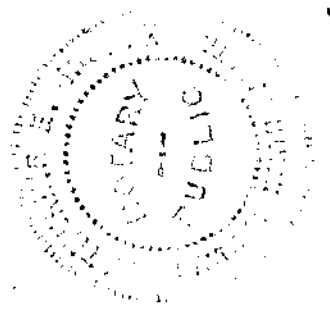
On this 7 day of March, 1973, before me personally appeared Beeman Dockrey known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 7 day of March, 1973.

Catherine E. Joseph
Notary Public

Catherine E. Joseph
Name of Notary, typed or printed

My commission expires: CATHERINE E. JOSEPH, Notary Public
Williams County, North Dakota
My Commission Expires March 4, 1974



Royalty Interest Only

7-6-213-75

36a

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: March 8, 1973

Name: Albert J. Dukart

Address: R. 3 Box 1224
Dickinson N. Dak.

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 8th day of March, 1973, before me personally appeared Albert J. Dukart known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 8th day of March, 1973.

Albert J. Hardy
Notary Public

ALBERT J. HARDY
Name of Notary, typed or printed

My commission expires: August 1, 1973.

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 2, 1975 Name: Robert L. Simon
Address: Box 211, LaSalle, Illinois 61301

STATE OF Illinois }
COUNTY OF LaSalle } ss.

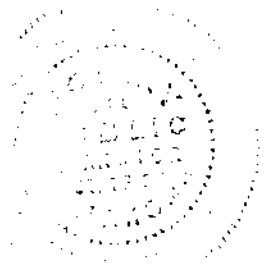
On this 2nd day of July, 1975, before me personally appeared Robert L. Simon, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 2nd day of July, 1975.

Andrew C. Simon
Notary Public

Andrew C. Simon
Name of Notary, typed or printed

My commission expires: January 2, 1978



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-31-72 Name: Raymond T. Spencer
Address: Box 211, LaSalle, Illinois 61301
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~

STATE OF Colorado }
COUNTY OF El Paso } ss.

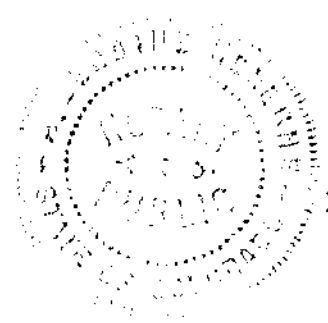
On this 31st day of July, 1972,
before me personally appeared Raymond T. Spencer,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 31
day of July, 1972.

A. Berdine Kavanec
Notary Public

A. BERDINE KAVANEC
Name of Notary, typed or printed

My commission expires: 12-7-74



37

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder, shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: Vincent H. Duncan

Address: Box 211
Lo Sells, Kansas

STATE OF Colorado

COUNTY OF Lemmon

ss.

On this 31st day of July, 1972, before me personally appeared Vincent H. Duncan, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 31st day of July, 1972.

Dorothy Jones
Notary Public

Nina M. Jones
Name of Notary, typed or printed

My commission expires: June 3, 1975

26

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 11, 1972 Name: Carol Ann Johnson
Address: BOX 211, LA SALLE, ILLINOIS 61301

STATE OF Illinois }
COUNTY OF Rock } ss.

On this 11th day of July, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 11th
day of July, 1972.

Kathleen Davis
Notary Public

Kathleen Davis

Name of Notary, typed or printed

My commission expires: July 11, 1976

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Sept 6 1972 Name: Walter Duncan Jr
Address: Box 211, La Salle, Illinois 61301

STATE OF Illinois }
COUNTY OF Stark } ss.

On this 6th day of September, 1972,
before me personally appeared
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 6th
day of September, 1972.

[Signature]
Notary Public

[Signature]
Name of Notary, typed or printed

My commission expires: Sept 6 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 5, 1972

Name: *Seth Eby, Jr.*

(Seth Eby, Jr.)

Address: 411 Mayo Bldg.

Tulsa, Oklahoma 74103

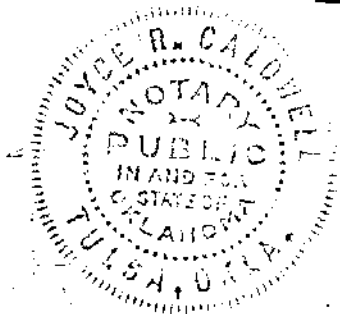
STATE OF Oklahoma

COUNTY OF Tulsa

} ss.

On this 5th day of September, 1972,
before me personally appeared Seth Eby, Jr.
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 5th
day of September, 1972.



Joyce R. Caldwell
Notary Public

Joyce R. Caldwell

Name of Notary, typed or printed

My commission expires: May 22, 1975

Royalty Interest Only

431, 11

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: *L. A. Edwards, Jr.*

Address: P. O. Box 1348
Duncan, Oklahoma 73533

STATE OF Oklahoma

COUNTY OF Stephens

ss.

On this 31st day of July, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Irene Woody
Notary Public

Irene Woody

Name of Notary, typed or printed

My commission expires: December 2, 1974

Royalty Interest Only

#38

24

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: March 5, 1973

Name: Veronica Ehrmantraut
Jack Ehrmantraut

Address: 1741
Dickinson N. Dak.

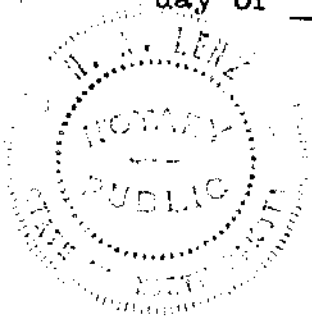
STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 5th day of March, 1973, before me personally appeared Veronica Ehrmantraut & Jack Ehrmantraut, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 5th day of March, 1973.


H. A. Lenz, Notary Public
Stark County, North Dakota

Name of Notary, typed or printed

My commission expires: February 5, 1977

Royalty Interest Only

115

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Citizens National Bank, Executor
of the Estate of W. F. Eisenberg

Dated: December 19, 1972

Name: By: William D. Armstrong

Address: Box 841
William D. Armstrong, Vice President
and Trust Officer

Lubbock, Texas 79408

STATE OF Texas

COUNTY OF Lubbock

ss.

On this 19th day of December, 1972, before me personally appeared William D. Armstrong, Vice President & Trust Officer known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same, and in the capacity therein stated.

Given under my hand and official seal this 19th day of December, 1972.

Jackie Crump
Notary Public
Jackie Crump

Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/10/72 Name: HENRY ELSEER
Henry R C Elser
Address: 240 W. LIPPINCOTT ST
PHILA - 19123, PA.

STATE OF PENNSYLVANIA }
COUNTY OF PHILADELPHIA } ss.

On this 10th day of August, 1972,
before me personally appeared Henry R. C. Elser,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 10th
day of August, 1972.

Mary Jayne Alois
Notary Public
Mary Jayne Alois
Name of Notary, typed or printed

My commission expires: _____

MARY JAYNE ALOIS
Notary Public, Philadelphia, Philadelphia Co.
My Commission Expires December 29, 1973

Royalty Interest Only

8/10/72, 24, 46, 40

67

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 27, 1972 Name: M. R. Everett
M. R. Everett
Address: Box 1036
Dickinson, North Dakota 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 27th day of July, 1972,
before me personally appeared M. R. Everett,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 27th
day of July, 1972.

I. G. Fisher
Notary Public

I. G. Fisher
Name of Notary, typed or printed

My commission expires: Dec. 9, 1972

Royalty Interest Only
7-119

18

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 31, 1972

Name: Walter E. Jurell

Address: 1575 Oak State Blvd Bldg
Lawrenceville Ga 30046

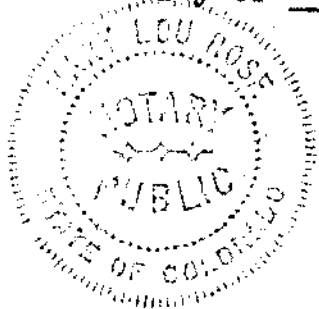
STATE OF GA

COUNTY OF STARK

ss.

On this 31 day of Aug, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 31
day of Aug, 1972.



Walter E. Jurell
Notary Public

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972

THE FEDERAL LAND BANK OF SAINT PAUL
Name: Robert Hall, Sr. Vice President

Address: 375 Jackson Street

Saint Paul, Minnesota 55101

STATE OF Minnesota

COUNTY OF Ramsey

} ss.

On this 7th day of August, 1972,
before me personally appeared Robert Hall,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 7th
day of August, 1972.

Ruth D. Hill
RUTH D. HILL,

Notary Public

Notary Public, Ramsey County, Minn.
My Commission Expires August 13, 1978

RUTH D. HILL

Name of Notary, typed or printed

My commission expires: August 13, 1978

Royalty Interest Only

16, 17, 18, 19, 20, 21, 22

50

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: FELMONT OIL CORPORATION

Elizabeth Hursey
Assistant Secretary

By T. Verne Dwyer
T. Verne Dwyer, Manager, Western Division

Dated: August 2, 1972

Address P. O. Box 1855

Midland, Texas 79701

STATE OF TEXAS

COUNTY OF MIDLAND

} ss.

On this 2nd day of August, 1972,

before me personally appeared T. Verne Dwyer, known to me to be the Manager, Western Division described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 2nd day of August, 1972.

Doris L. Cannon
Notary Public

Doris L. Cannon

Name of Notary, Typed or Printed

DORIS L. CANNON, Notary Public

In And For Midland County, Texas

My Commission Expires June 1, 1973

My commission expires: _____

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Sept. 2, 1972

Name: George P. Ficek

Address: 2912 Walnut Ave. S.W.
Seattle, Wn.

STATE OF Washington

COUNTY OF King

ss.

On this 2nd day of Sept., 1972,
before me personally appeared George P. Ficek,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 2nd
day of Sept., 1972.

Harold C. Davis
Notary Public

HAROLD C. DAVIS
Name of Notary, typed or printed

My commission expires: July 14, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8 Sept 1972

Name: Richard Dick

Address: 5890 Rural St
Arvada Colo

STATE OF Colorado }
COUNTY OF Jefferson } ss.

On this 8th day of September, 1972,
before me personally appeared Richard Dick,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 8th
day of September, 1972.

Kaye Solver
Notary Public

KAYE SOLVER
Name of Notary, typed or printed

My commission expires: Sept 9 1974

(2)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9/8/72 Name: Patricia A. Wick
Address: 2040 R. 211 St.
Grand Lake, Colorado

STATE OF Colorado }
COUNTY OF Jefferson } ss.

On this 8th day of September, 1972,
before me personally appeared Patricia A. Wick,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of September, 1972.

Kaye Salyer
Notary Public

KAYE SALTER
Name of Notary, typed or printed

My commission expires: Sept 9, 1974

54
600

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Dec 2, 1972

Name: R. J. Fick

Address: Stark County, N.D. 58583

STATE OF Missouri

COUNTY OF Greene

ss.

On this 2nd day of August, 1972, before me personally appeared Rose J. Fick, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 3rd day of August, 1972.

John W. McCullough
Notary Public

John W. McCullough
Name of Notary, typed or printed

My commission expires: 4-20-76

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 11, 1977 Name: Frank Filini
Address: 444 4th Ave E
Dickinson N.D.

STATE OF North Dakota
COUNTY OF Stark } ss.

On this 8th day of August, 1977,
before me personally appeared Frank Filini,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 8th
day of August, 1977.



E. A. LEEKER
Notary Public
Notary Public, STARK COUNTY, N. D.
My Commission Expires July 20, 1981
Name of Notary, typed or printed

My commission expires: July 20, 1981

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 2, 1972 Name: Laudie Filipi
Address: 1047 Charles Ave
St Paul, Mn. 55104

STATE OF Minnesota }
COUNTY OF Ramsey } ss.

On this 2 day of August, 1972,
before me personally appeared LAUDIE FILIPI,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 2
day of August, 1972.

[Signature]
Notary Public

Name of Notary, typed or printed

My commission expires: W. B. DOBLE,
Notary Public, Ramsey County, Minn.
My Commission Expires Sept. 13, 1974

Royalty Interest Only

7/11/72

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 3, 1972

Name: Ludwig Filipi

Address: Route # 3, Box 125

Dickinson, N. Dak. 58601

STATE OF NORTH DAKOTA

COUNTY OF Stark

} ss.

On this 3rd day of August, 1972,
before me personally appeared Ludwig Filipi,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 3rd
day of August, 1972.

Robert B. Baird
Notary Public

Robert B. Baird

Name of Notary, typed or printed

My commission expires: August 8, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

FIRST NATIONAL BANK OF DICKINSON, N.D.

Dated: August 1, 1972

Name: E. A. Nachtwey
President

Address: P. O. Box 1158

Dickinson, North Dakota 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 1st day of August, 1972,
before me personally appeared E. A. Nachtwey, President,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 1st
day of August, 1972.

Arlene A. Wock
Notary Public
Stark County, North Dakota

Name of Notary, typed or printed

My commission expires: August 20, 1977

Royalty Interest Only

60

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

First Trust Company of Saint Paul
As Trustee for Elsie Fors Hill

By: [Signature]
Vice President

Dated: August 3, 1972

Name: By: Paul J. Kelly

ADJUTANT SECRETARY

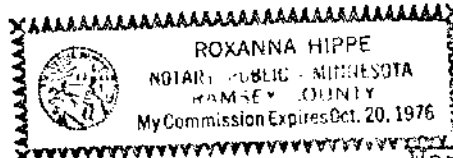
Address: W-555 First National Bank Bldg.

Saint Paul, Minnesota 55101

STATE OF Minnesota }
COUNTY OF Ramsey } ss.

On this 3 day of August, 1972,
before me personally appeared R. W. Hohman and Paul J. Kelly,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 3
day of August, 1972.



[Signature]
Notary Public

Roxanna Hippe

Name of Notary, typed or printed

My commission expires: 10-20-76

Royalty Interest Only

[Signature]

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

First Trust Company of Saint Paul
As Trustee for Johanna Maud Hill Doctery

By: [Signature] VICE PRESIDENT

Dated: August 3, 1972

Name: By: Paula Koll ASSISTANT SECRETARY

Address: W-555 First National Bank Bldg.

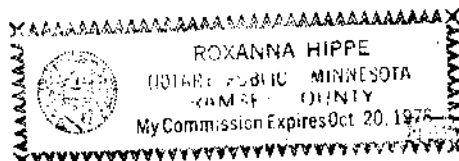
Saint Paul, Minnesota 55101

STATE OF Minnesota }
COUNTY OF Ramsey } ss.

On this 3 day of August, 1972, before me personally appeared R. W. Hohman and Paul J. Kelly, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 3 day of August, 1972.

[Signature]
Notary Public



Roxanna Hippe
Name of Notary, typed or printed

My commission expires: 10-20-76

Royalty Interest Only

the 1st of August, 1972

As Trustee for Johanna Maud Hill Doctery

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.
First Trust Company of Saint Paul
As Trustee for Louis Fors Hill

Dated: August 3, 1972

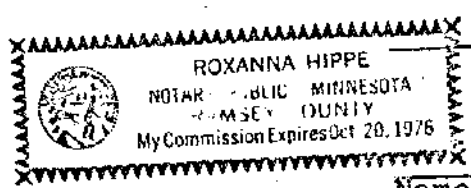
By: Paul J. Kelly Secretary

Address: W-555 First National Bank Bldg.
Saint Paul, Minnesota 55101

STATE OF Minnesota } ss.
COUNTY OF Ramsey }

On this 3 day of August, 1972,
before me personally appeared R. W. Hohman and Paul J. Kelly
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 3
day of August, 1972.



Roxanna Hippe
Notary Public

Roxanna Hippe
Name of Notary, typed or printed

My commission expires: 10-20-76

Royalty Interest Only

62

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

First Trust Company of Saint Paul
As Trustee for Mari Hill Lydiatt

By: Paula Kelly Vice President

Dated: August 3, 1972

Name: By: Paula Kelly

ATTORNEY AT LAW

Address: W-555 First National Bank Bldg.

Saint Paul, Minnesota 55101

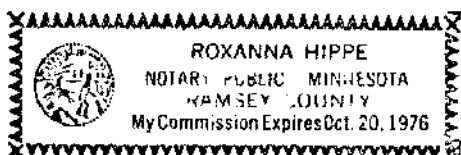
STATE OF Minnesota

COUNTY OF Ramsey

SS.

On this 3 day of August, 1972,
before me personally appeared R. W. Hohman and Paul J. Kelly,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 3
day of August, 1972.



Roxanna Hippe
Notary Public

Roxanna Hippe

Name of Notary, typed or printed

My commission expires: 10-20-76

Royalty Interest Only

11-1-72 62

Mari Hill Lydiatt

61

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 23, 1972 Name: Jillie Fischer
Address: 230 E. 3RD ST.
DICKINSON, N. DAK. 58501

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 23RD day of AUGUST, 1972,
before me personally appeared Jillie Fischer,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 23RD
day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

67

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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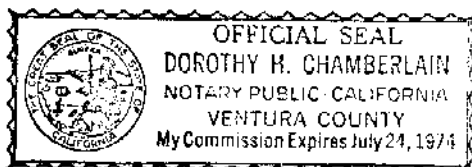
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Dec. 27, 1972 Name: Marlene Ann Fowler
Address: 1749 Jase
Camarillo, Calif.

STATE OF California }
COUNTY OF Ventura } ss.

On this 27th day of December, 1972,
before me personally appeared Marlene Ann Fowler
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 27th
day of December, 1972.



Dorothy H. Chamberlain
Notary Public

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

23

12 29 72

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31st 1972 Name: Harold Fred
Address: Box 149
DICKINSON, N.D. 58601

STATE OF North Dakota }
COUNTY OF STARK } ss.

On this 31 day of July, 1972,
before me personally appeared Harold Fred,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Harold Fred
Notary Public

Harold Fred
Name of Notary, typed or printed

My commission expires: Sept 22, 1977

69

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972 Name: Barbara Freed
Address: 9th & Ave. West
Dickinson, N. Dak.
58601

STATE OF North Dakota }
COUNTY OF STARK } ss.

On this 31st day of July, 1972,
before me personally appeared Barbara Freed,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Joy A. McFadgen
Notary Public

Joy A. McFadgen

Name of Notary, typed or printed
Stark County, North Dakota

My commission expires: April 20, 1978

Royalty Interest Only

70 6-11-72

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-30-72

Name:

William R. Free

Address:

1717 N 14th

Bismarck, N.D.

STATE OF

North Dakota

COUNTY OF

Stark

ss.

On this 30 day of July, 1972,
before me personally appeared William R. Free,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 30th
day of July, 1972.

Notary Public

Name of Notary, typed or printed

My commission expires:

Sept 22, 1973

Royalty Interest Only

7-30-72
Page 2

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-30-72 Name: Arline Freed
Address: 1717 N. 14th St
Bismarck, N.D.

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 30 day of July, 1972,
before me personally appeared Arline Freed,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 30th
day of July, 1972.



Howard Freed
Notary Public

Howard Freed
Name of Notary, typed or printed

My commission expires: Sept 22, 1977

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: Howard A. Freed

Address: 926-7th Avenue
Dickinson, N. Dak
58601

STATE OF North Dakota }
COUNTY OF STARK } ss.

On this 31st day of July, 1972,
before me personally appeared Howard A. Freed,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Joy A. McFadgen
Notary Public

Joy A. McFadgen

Name of Notary, typed or printed,
Stark County, North Dakota

My commission expires: April 20, 1978

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 16, 1972

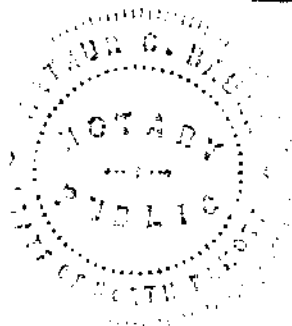
Name: Rose Frenz

Address: 852-6TH ST. NW
DICKINSON, N. DAK. 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 16TH day of AUGUST, 1972,
before me personally appeared ROSE FRENZ,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 16TH
day of AUGUST, 1972.



Arthur C. Balier
Notary Public

ARTHUR C. BALIER
Name of Notary, typed or printed

My commission expires: 6-9-75

Royalty Interest Only

70, 16, 17, 21

173

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

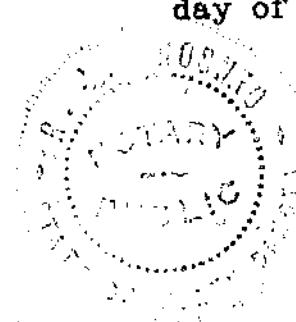
Emma Gabbert

Dated: August 10, 1972 Name: George Gabbert
Address: 134 9th Avenue
Dickinson, S.Dak.
58601

STATE OF North Dakota ss.
COUNTY OF Stark

On this 10th day of August, 1972, before me personally appeared George Gabbert, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 10th day of August, 1972.


[Signature]
Notary Public
R. J. ROSHAU
Notary Public, STARK COUNTY, N. DAK.
Commission Expires Feb. 5, 1977
Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

76

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

GENERAL CRUDE OIL COMPANY

Dated: August 11, 1972

Name: By: J. W. Cutbirth

J. W. Cutbirth, Vice President

Address: P. O. Box 2252

Houston, Texas 77001

ATTEST:

F. A. Eudy

F. A. Eudy, Assistant Secretary

STATE OF TEXAS)

COUNTY OF HARRIS)

On this 11th day of August, 1972, before me personally appeared J. W. CUTBIRTH, known to me to be the Vice President of the corporation described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 11th day of August, 1972.

Melba L. Hapes
Melba L. Hapes, Notary Public in and for
Harris County, Texas

My Commission expires June 1, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

ESTATE OF WILLIAM S. GOAN

Dated: January 10, 1973

Name: J. Philip Goan

J. Philip Goan, Executor

Address: Goan & Hyde Incorporated

705 First National Bank Bldg.
Minneapolis, Minnesota 55402

STATE OF MONTANA

COUNTY OF Yellowstone

} ss.

On this 10th day of January, 1973,
before me personally appeared J. PHILIP GOAN,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 10th
day of January, 1973.

John M. Dietrich, Jr.
Notary Public

JOHN M. DIETRICH, JR.

Name of Notary, typed or printed

My commission expires: December 31, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 21, 1972

Name: [Signature]

Address: P.O. Box 1753

Bismarck, N.Dak. 58501

STATE OF NORTH DAKOTA

COUNTY OF Burleigh

} ss.

On this 21st day of August, 1972,
before me personally appeared A. R. Golden,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 21st
day of August, 1972.



[Signature]
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: June 9, 1975

27

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Sept 7 1972 Name: Robert L. Brady
Address: 9225 Lombardy Lane
Lakewood Colo
80215

STATE OF Colorado }
city & COUNTY OF Denver } ss.

On this 7 day of Sept, 1972,
before me personally appeared Robert L. Brady,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 7
day of Sept, 1972.

Kathleen H. Early
Notary Public

KATHLEEN H. EARLY
Name of Notary, typed or printed

My commission expires: My Commission expires May 10, 1975

Royalty Interest Only

27

2-11-77

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: *G. G. Green*

G. G. Green

Address: P. O. Box 2097

Laurel, Mississippi 39440

STATE OF MISSISSIPPI

COUNTY OF JONES

} ss.

On this 31st day of July, 1972,
before me personally appeared G. G. Green,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 31st
day of July, 1972.



Catherine M. Welsh
Notary Public

Catherine M. Welsh

Name of Notary, typed or printed

My commission expires: April 18, 1974

77

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-31-72

Name: John M. Jundt

Address: 187 7th St
Urbair

STATE OF North Dakota
COUNTY OF Stark } ss.

On this 18 day of August, 1972, before me personally appeared John M. Jundt, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

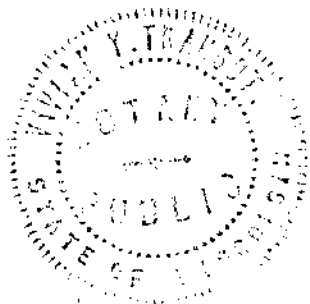
Given under my hand and official seal this 18 day of August, 1972.

Vivian Y. Traugott
Notary Public

Vivian Y. Traugott

Name of Notary, typed or printed

My commission expires: Jan 21, 1973



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

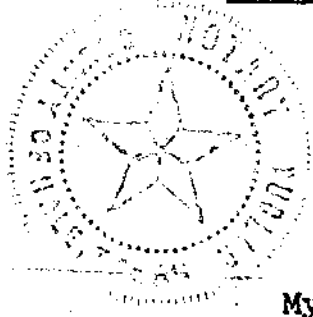
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-7-1972 Name: Paul M. Reed
Address: Box 1600
Cheney, Wyo. 82811

STATE OF Wyoming }
COUNTY OF Stark } ss.

On this 7th day of August, 1972,
before me personally appeared Paul M. Reed,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 7th
day of August, 1972.



Paul M. Reed
Notary Public

Bill F. Skinner
Name of Notary, typed or printed

My commission expires: 6-1-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 1-27-72 Name: *[Signature]*
Address: Bor 5
Bismarck, N.D. 58501

STATE OF N. Dak. }
COUNTY OF Burke } ss.

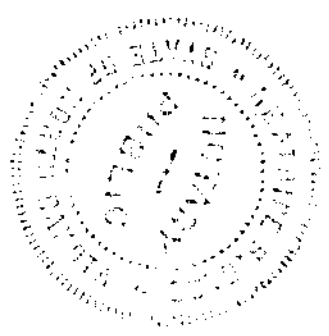
On this 27th day of Feb, 1972, before me personally appeared *[Signature]* known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 27th day of Feb, 1972.

Beatrice S. Gass
Notary Public

Beatrice S. Gass
Name of Notary, typed or printed

My commission expires: March 3, 1973



Royalty Interest Only

82a

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Feb 6, 1973 Name: Donna Gail Hasecuster
Address: RR #1, Box 98
Franklin, Ark. 72431

STATE OF Indiana
COUNTY OF Dickinson } ss.

On this 6th day of February, 1973, before me personally appeared Donna Gail Hasecuster, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 6th day of February, 1973.

William H. DePue
Notary Public

William H. DePue
Name of Notary, typed or printed

My commission expires: 3-2-76

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Dec. 12th 1972 Name: Georgianne Haverlock
Address: 721 W. 40th St.
Williston, N. Dak. 58801

STATE OF North Dakota }
COUNTY OF Williams } ss.

On this 12th day of December, 1972,
before me personally appeared Georgianne Haverlock,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 12th
day of December, 1972.

Dennis B. Fredricksen
Notary Public

Dennis B. Fredricksen
Name of Notary, typed or printed

My commission expires: DENNIS B. FREDRICKSEN
My Commission Expires July 14, 1973

Royalty Interest Only

70
78

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-28-72 Name: JOHN B. HAWLEY, JR. TRUST NO. 1
G. S. Davidson, Trustee
Address: 1915 - 57th Avenue North
Minneapolis, Minnesota 55430

STATE OF Minnesota }
COUNTY OF Hennepin } ss.

On this 28th day of July, 1972,
before me personally appeared G. S. Davidson,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of July, 1972.

Laurence M. Davidson
Notary Public

Name of Notary, typed or printed

My commission expires: _____


Royalty Interest Only

85

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 31 1972

Name: Charles E. Lead

Address: Box 120, Lead, S.D.
55403

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 31st day of Jan, 1972, before me personally appeared Charles E. Lead, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 31st day of Jan, 1972.

Notary Public

JEROME D. TRUHN
Notary Public, Hennepin County, Minn.
My Commission Expires April 29, 1973

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: HELMERICH & PAYNE, INC.

By

W. A. Black
W. A. Black, Vice President

Dated: 8 September 1972

Address Utica at Twenty First

Tulsa, OK 74114

STATE OF OKLAHOMA

COUNTY OF TULSA

ss.

On this 8th day of September, 1972,

before me personally appeared W. A. Black, known to me to be the Vice President of the corporation described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 8th day of September, 1972.

[Signature]
Notary Public

Name of Notary, Typed or Printed

My commission expires: _____

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-17-72

Name: Walter E. Heuson

Address: 437-3RD AVE. W. DICKINSON, N.D.

Barbara Heuson

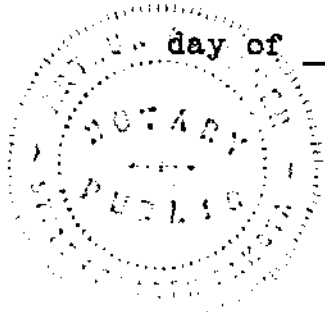
STATE OF NORTH DAKOTA

COUNTY OF STARK

ss.

On this 17TH day of AUGUST, 1972, before me personally appeared WALTER E. HEUSON AND BARBARA HEUSON known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that They executed the same.

Given under my hand and official seal this 17TH day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: 6-9-75

88

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972

Name: Mary Daphne Hibl

Address: Galata 11
Dickinson, N.D.

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 7 day of August, 1972,
before me personally appeared Mary Daphne Hibl,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7
day of August, 1972.

K. M. Bender
Notary Public

K. M. Bender
Name of Notary, typed or printed

My commission expires: K. M. BENDER

Notary Public in and for Stark County, N.D.
My Commission Expires Dec. 20, 1973.

Royalty Interest Only

89

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 25, 1973 Name: Wilma T. Higgins
Address: P.O. Box 186
Salisbury, ILL 62881

STATE OF ILLINOIS } ss.
COUNTY OF Marion }

On this 25th day of January, 1973,
before me personally appeared Wilma T. Higgins,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 25th
day of January, 1973.

Faye Rippee
Notary Public

FAYE RIPPEE
Name of Notary, typed or printed

My commission expires: 3-23-76

Royalty Interest Only

Wilma T. Higgins

608-2,500

1-24-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 2, 1972 Name: Louis W. Hill, Jr.
Address: W 1453 1st National Bank Bldg.
St. Paul, Minnesota, 55103

STATE OF Minnesota }
COUNTY OF Ramsey } ss.

On this 2nd day of August, 197 2, before me personally appeared Louis W. Hill, Jr., known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 2nd day of August, 197 2.

A. Hilda Petersen
Notary Public

A. HILDA PETERSEN
Notary Public Ramsey County Minnesota
Name of Notary, typed or printed

My commission expires: March 15, 1975

90a

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: February 5, 1973

Name: Clementine Hoff

Address: 1110 1st St. N.
Dickinson, S.D.

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 5th day of February, 1973, before me personally appeared Clementine Hoff and Frank Hoff, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 5th day of February, 1973.

Mariann Halter
Notary Public

Mariann Halter
Name of Notary, typed or printed

My commission expires: January 1, 1978

Royalty Interest Only

2.7.78

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/29/72

Name: Beulah B Holman

Address: 111 St. Anthony

Effingham, Illinois 62401

STATE OF ILLINOIS }
COUNTY OF EFFINGHAM } ss.

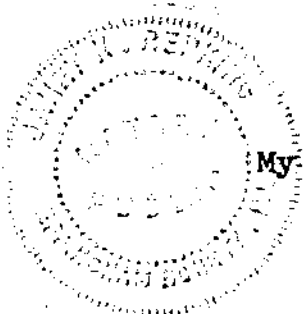
On this 29th day of August, 1972,
before me personally appeared Beulah B. Holman
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 29th
day of August, 1972.

Janet K. Repking
Notary Public

Janet K. Repking
Name of Notary, typed or printed

My commission expires: July 3 1973



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 26, 1972

Name: THE HOME-STAKE OIL & GAS COMPANY

~~Address~~ By: *O. Strother Simpson*
President
507 Philtower Bldg., Tulsa, Okla. 74103

STATE OF OKLAHOMA
COUNTY OF TULSA } ss.

On this 26th day of July, 1972,
before me personally appeared O. Strother Simpson,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 26th
day of July, 1972.

Frances A. Phillips
Notary Public

Frances A. Phillips

Name of Notary, typed or printed

My commission expires: 11-9-73

Royalty Interest Only

2734 59,000

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 26, 1972

Name: THE HOME-STAKE ROYALTY CORPORATION

Address: By: O. Strother Simpson

President
507 Philtower Bldg., Tulsa, Okla. 74103

STATE OF OKLAHOMA

COUNTY OF TULSA

ss.

On this 26th day of July, 1972, before me personally appeared O. Strother Simpson, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 26th day of July, 1972.

Frances A. Phillips
Notary Public

Frances A. Phillips

Name of Notary, typed or printed

My commission expires: 11-9-73

Royalty Interest Only

11-9-73, 11-9-74, 11-9-75, 11-9-76

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 18, 1972 Name: *Huston Huffman*
Huston Huffman
Address: 3370 Liberty Tower
Oklahoma City, Oklahoma 73102

STATE OF OKLAHOMA }
COUNTY OF OKLAHOMA } SS.

On this 18th day of August, 1972,
before me personally appeared HUSTON HUFFMAN,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

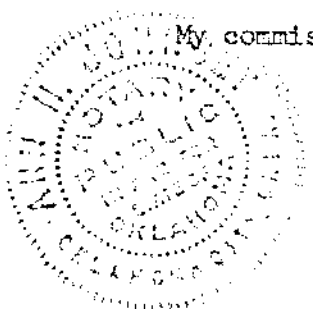
Given under my hand and official seal this 18th
day of August, 1972.

Ann H. Johnsey
Notary Public

Ann H. Johnsey

Name of Notary, typed or printed

My commission expires: _____



17

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 3, 1972

Name: Philip Scott Hurd

Address: 5115 Dale Drive, N.E.

Albuquerque, N.M.
87110

STATE OF Nebraska }
COUNTY OF Stark } ss.

On this 3 day of August, 1972,
before me personally appeared Philip Scott Hurd,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 3
day of August, 1972.

[Signature]
Notary Public

James T. Shuler
Name of Notary, typed or printed

My commission expires: 29 September 1975

Royalty Interest Only

#38

77

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

H. L. HUNT

Dated: August 2, 1972

Name: George Cunyus, Agent

Address: George Cunyus, Agent
1401 Elm

Dallas, Texas

STATE OF TEXAS }
COUNTY OF DALLAS } ss.

On this 2nd day of August, 197 2,
before me personally appeared George Cunyus, Agent for H. L. Hunt,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same, in the capacity therein stated.

Given under my hand and official seal this 2nd
day of August, 197 2.

Shirley F. Collins
Notary Public

SHIRLEY F. COLLINS, Notary Public,
in and for Dallas County, Texas

My commission expires June 1, 1973
Name of Notary, typed or printed

My commission expires: June 1, 1973

79

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: Hunt Petroleum Corporation

W. B. Beeman, Assistant Secretary

By Tom Hunt
Tom Hunt, President

Dated: August 2, 1972

Address 1401 Elm

Dallas, Texas

STATE OF TEXAS
COUNTY OF DALLAS } ss.

On this 2nd day of August Oct., 197 2,

before me personally appeared Tom Hunt
known to me to be the President of the corporation
described in and that executed the within instrument, and
acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 2nd
day of August Oct., 197 2.

Inez Haygood
Notary Public

INEZ HAYGOOD, Notary Public

in and for Dallas County, Texas

My Commission Expires June 1, 1973

Name of Notary, Typed or Printed

My commission expires: June 1, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Feb. 14, 1973

Name: Inland Oil & Gas Corporation

Address: by: Berk Strothman
Berk Strothman, President

ATTEST:

Kay Strothman
Kay Strothman, Sec.

STATE OF North Dakota

COUNTY OF Burleigh

ss.

(CORPORATE)

On this 14 th day of February, 1973, before me personally appeared Berk Strothman, President of Corporation, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same, on behalf of the Corporation.

Given under my hand and official seal this 14 th day of Feb., 1973.

Marcella Koch
Notary Public

Marcella Koch
Name of Notary, typed or printed

My commission expires: June 3, 1978

Royalty Interest Only

2-14-73

2-14-73

100

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Name: Joseph J. Jaeger

Dated: August 9, 1972

Name: Monica Jaeger

Address: 206 SW 1st

Dickinson, North Dakota 58601

STATE OF NORTH DAKOTA
COUNTY OF STARK } ss.

On this 9th day of August, 1972, before me personally appeared Joseph J. Jaeger and Monica Jaeger, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 9th day of August, 1972.

Bruce R. Howe
Notary Public

BRUCE R. HOWE
Name of Notary, typed or printed

My commission expires: November 27, 1977.

Royalty Interest Only

4, 5

101

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Name: Anton F. Jilek

Address: 550 CULFAX ST. DICKINSON N.D.AK.

Sophie J. Jilek

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 19TH day of AUGUST 19, 1972, before me personally appeared Anton F. Jilek and Sophie J. Jilek, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that They executed the same.

Given under my hand and official seal this 19TH day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

127

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Name: Diane M. Julek

Address: Rt 2, Box 156

Dickinson, N. Dak. 58601

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 19TH day of AUGUST, 1972, before me personally appeared Diane Julek and Diane H. Julek, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that They executed the same.

Given under my hand and official seal this 19TH day of AUGUST 19, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

52,000.00

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW; THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 1, 1972

Name: Clark E. Jones

Address: 7501 21st Avenue N.E.

Seattle, WA. 98115

STATE OF Washington }
COUNTY OF King } ss.

On this 1st day of August, 1972,
before me personally appeared Clark E. Jones,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 1st
day of August, 1972.

R. D. Arce
Notary Public

R. D. Arce
Name of Notary, typed or printed

My commission expires: Sept 14, 1972

Royalty Interest Only
\$20,35

104

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-30-72

Name: Clyde W. Jones

Address: P.O. Box 6147
Denver, Colo. 80206

STATE OF Colorado }
COUNTY OF Denver } ss.

On this 30th day of August, 1972,
before me personally appeared Clyde W. Jones,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 30th
day of August, 1972.

Joan D. Houston
Notary Public

Joan D. Houston
Name of Notary, typed or printed

My commission expires: 4-10-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972 Name: David C. Jones
Address: 2015 Northridge Circle
Billings, Montana 59102

STATE OF MONTANA }
COUNTY OF YELLOWSTONE } ss.

On this 28th day of July, 1972, before me personally appeared David C. Jones known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 28th day of July, 1972.

My commission expires;

May 28, 1975

Marian E. Habel
Notary Public for the State
of Montana; Residing at Billings, Montana

Marian E. Habel
Name of Notary, typed or printed

My commission expires: _____

106

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/2/72 Name: Linda K. Jones
Address: 1001 E. 11th St.
Stark County, ND
58123

STATE OF Colorado }
COUNTY OF Jefferson } ss.

On this 2nd day of August, 1972,
before me personally appeared Linda K. Jones,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 2nd
day of August, 1972.

Betty Bress
Notary Public

Betty Bress
Name of Notary, typed or printed

My commission expires: October 20, 1975

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-21-72 Name: Mary D. Kack
Address: 3348 East 3rd Street
Tucson, Arizona
85716

STATE OF Arizona }
COUNTY OF Pima } ss.

On this 21st day of August, 1972,
before me personally appeared MARY D. KACK,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
SHE executed the same.

Given under my hand and official seal this 21st
day of August, 1972.

Sylvia Ann Cote
Notary Public

Sylvia Ann Cote

Name of Notary, typed or printed

My commission expires: May 13, 1975



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-11-72 Name: Joe E. Kadomas Jr
Address: Box 15
Dickinson, ND
Custodian
Douglas Kadomas
a minor

STATE OF ND } ss.
COUNTY OF STARK

On this 11 day of Sept, 1972, before me personally appeared Joe E. Kadomas Jr, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 11 day of Sept, 1972.

[Signature]
Notary Public

[Signature]
Name of Notary, typed or printed

My commission expires: DURNE FIELD
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires June 1, 1974



Royalty Interest Only

111

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-11-72 Name: Joe J. Kalsman Jr
Address: Dickinson N.D.
Box 15

STATE OF N. Dak }
COUNTY OF Stark } ss.

On this 11 day of Sept, 1972,
before me personally appeared Joe J. Kalsman Jr,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11
day of Sept, 1972.

Duane Anderson
Notary Public

Duane Anderson
Name of Notary, typed or printed

DUANE ANDERSON

My commission expires: North Dakota, Stark County N. Dak

My Commission Expires June 24, 1975

Royalty Interest Only
11

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Name: Theresa Kainz

Address: Rte #3 Dickinson N.D. 58601

Jacob Kainz

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 19th day of AUGUST, 1972, before me personally appeared Theresa Kainz and Jacob Kainz, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 19th day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 12 1972 Name: Alfred L. Kowalski
Address: 3 Henderson Court
Normal, Illinois 61761

STATE OF Illinois }
COUNTY OF McLean } ss.

On this 12th day of December, 1972, before me personally appeared Alfred L. Kowalski, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 12th day of December, 1972.

Donna M. Baker
Notary Public

Blanchard, Illinois
Name of Notary, typed or printed

My commission expires: August 18 1973



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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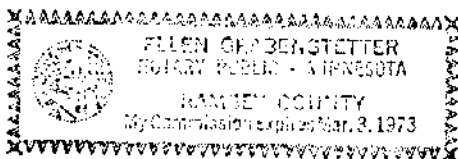
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 11, 1972 Name: A. L. R. Kaurinhot
Address: 1007 American St
St. Paul, Minn. 55113

STATE OF Minnesota }
COUNTY OF Ramsey } ss.

On this 11th day of December, 1972,
before me personally appeared A. L. R. Kaurinhot,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11th
day of December, 1972.



Ellen Grabenstetter
Notary Public

Ellen Grabenstetter
Name of Notary, typed or printed

My commission expires: March 3 1973

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/12/72

Name: Donald F. Kaisershot

Address: Box 376
Beltrami, Minn. 56601

STATE OF Minnesota

COUNTY OF Beltrami

ss.

On this 12 day of December, 197 2,
before me personally appeared Donald F. Kaisershot,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 12
day of December, 197 2.

R. L. Reiersen
Notary Public

R L Reiersen

Name of Notary, typed or printed

My commission expires: _____

BELTRAMI COUNTY, MINN.
My commission expires Sept. 19, 1979

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 1/22/73 Name: Frank Kossierstet
Address: 228 - 1st St
Dickinson N. Dak.

STATE OF N. DAK }
COUNTY OF STARK } ss.

On this 22 day of JANUARY, 1973, before me personally appeared FRANK T. KOSSIERSTET, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that HE executed the same.

Given under my hand and official seal this 22 day of January, 1973.

Robert P. Starnik
Notary Public

ROBERT P. STARNIK
Name of Notary, typed or printed

My commission expires: July 29, 1975



118
myle

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 20, 1973 Name: Mary S. Kaisershot
Donald J. Kaisershot Address: 228 West 5th Ave
witness Dickinson North Dakota

STATE OF _____ }
COUNTY OF _____ } ss.

On this _____ day of _____, 197____,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this _____
day of _____, 197____.

Notary Public

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

2-1-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 16, 1972 Name: Glenn L. Kaisershot
Address: 10531 Crown Road #5
Franklin Park, Ill.
60131

STATE OF ILLINOIS }
COUNTY OF COOK } ss.

On this 16th day of December, 1972, before me personally appeared GLENN L. KAISERSHOT, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 16th day of December, 1972.

Geraldine Isaac
Notary Public

GERALDINE ISAAC

Name of Notary, typed or printed

My commission expires: January 5 - 1975

2-1215

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/10/72 Name: Margaret Karsch
Address: 621 2nd St. E.
Dickinson, N. Dak. 58601

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 10th day of August, 1972,
before me personally appeared Margaret Karsch,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
She executed the same.

Given under my hand and official seal this 10th
day of August, 1972.

E. A. UECKER,

Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

E. A. Uecker
Notary Public

Name of Notary, typed or printed

My commission expires: July 20, 1973

Royalty Interest Only

1134

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972

Name: Mildred S. Kalanek

Address: 430 1/2 1st St. W.

Richmond

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 7th day of August, 1972,
before me personally appeared Mildred Kalanek,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
She executed the same.

Given under my hand and official seal this 7th
day of August, 1972.

K. M. Bender
Notary Public

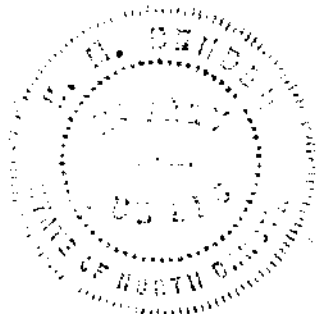
K. M. Bender

Name of Notary, typed or printed

My commission expires:

K. M. BENDER

Notary Public in and for Stark County, N.D.
My Commission Expires Dec. 29, 1973.



Royalty Interest Only

172

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31 1972

Name: Mabel G. Karow

Address: D. F. FEESEY Hts.
5353

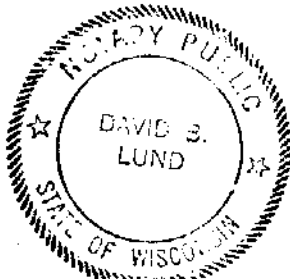
STATE OF MISSOURI

COUNTY OF DANE

ss.

On this 31 day of JULY, 1972,
before me personally appeared MABEL G. KAROW,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
SHE executed the same.

Given under my hand and official seal this 31
day of JULY, 1972.



David B. Lund
Notary Public

DAVID B. LUND
Name of Notary, typed or printed

My commission expires: IS PERMANENT

Royalty Interest Only

809

123

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 3, 1972

Name: Agnes Karsky

Address: _____

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 3rd day of August, 1972,
before me personally appeared AGNES KARSKY,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 3rd
day of August, 1972.

E. A. UECKER,

Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

Notary Public

E. A. Uecker
Name of Notary, typed or printed

My commission expires: July 20, 1973

Royalty Interest Only

121

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 3, 1972

Name: *Louis Karsky*

Address: *Agnes Karsky*

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 3rd day of August, 1972, before me personally appeared LOUIS KARSKY and AGNES KARSKY known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 3rd day of August, 1972.

E. A. UECKER

Notary Public, STARK COUNTY, N. DAK.
Commission Expires JULY 20 1973

E. A. Uecker
Notary Public

E. A. Uecker
Name of Notary, typed or printed

My commission expires: July 20, 1973.

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

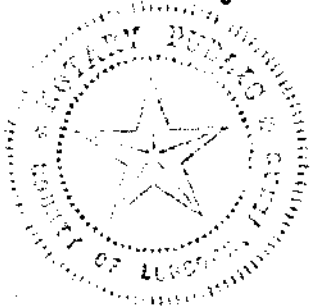
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-29-1972 Name: E. B. Kelly
Address: Box 782
Lubbock Tex 79408

STATE OF TEXAS }
COUNTY OF LUBBOCK } ss.

On this 29th day of July, 1972,
before me personally appeared E. B. Kelly,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 29th
day of July, 1972.



Frank A. Cave
Notary Public

FRANK A. CAVE
Name of Notary, typed or printed

My commission expires: 6-1-73

Notary Public, Lubbock County, Texas
My Commission Expires June 1, 1973

Royalty Interest Only

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the ^{royalty} interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This ratification and joinder by undersigned royalty owner, hereafter called "Royalty Owner" (being the owner of royalty interest reserved by him as lessor in oil and gas leases on some lands described in the Plan), is subject to the following:

- (1) Plan of Unitization referred to above is identified as the Plan, copy of which was forwarded under covering letter by C. M. Tarr, Senior Staff Engineer, Continental Oil Company, to Theodore Kellogg, dated 12-11-72.
- (2) Notwithstanding Secs. 4.2 of Part I, 1.1 of Part II, Part III, or other provisions of the Plan, the interest hereby committed to it by Royalty Owner consists only of royalty interests, as defined in Art. 2 of Part I (free of unit expense as provided in Sec. 12.3 of Part II) and does not include any unleased minerals not qualifying as such royalty interest; and it is understood and agreed (and Initial Unit Operator so covenants and warrants for itself and successors, by its signature hereto) that:
 - (a) costs and expenses incurred under the plan relating to such unleased minerals shall not be a personal obligation of royalty owner nor a lien upon such minerals, but shall be chargeable only against, and collectible from, production from such authorized by law, not in excess of 7/8ths of such production as provided in Sec. 2.7 of Part I;
 - (b) with respect to marketing and handling of royalty owner's share of unitized substances (either from unleased minerals or royalty interest) unit operator and its successors will not permit discrimination adverse to royalty owner with respect to price, marketing or otherwise between royalty owner and other parties to the plan.
- (3) Notwithstanding Art. 3, Part I, or any other provision of the Plan,

execution hereof by royalty owner does not signify acknowledgment of correctness of ownership of interests as set out in Exhibits C. and D. attached to the Plan.

(4) No changes or modifications of the Plan adversely affecting any right or interest of royalty owner shall be valid without such owner's written consent.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 11, 1973

Name: Theodore Kellogg

Address: 538 W. Ave. West
Dickinson 777. Box 58601

Royalty Owner

STATE OF Florida

COUNTY OF Palm Beach

ss.

On this 11th day of January, 1973, before me personally appeared Theodore Kellogg and Kathleen Kellogg, known to me to be the persons who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 11th day of January, 1973.

Hazel H. Grabow
Notary Public

NOTARY PUBLIC, STATE OF FLORIDA AT LARGE
MY COMMISSION EXPIRES NOV. 9, 1973
BONDED THRU FRED W. DIESTELHORST

Hazel H. Grabow
Name of Notary, typed or printed

My Commission expires: _____

ATTEST:

Name: _____

~~Attorney-in-Fact~~
CONTINENTAL OIL COMPANY - Unit Operator

Dated: _____

Address: By: R. L. Adams

Attorney-in-Fact

STATE OF TEXAS

COUNTY OF HARRIS

ss.

On this 12th day of January, 1973, before me personally appeared R. L. Adams, Attorney-in-Fact of Continental Oil Company, The Corporation known to me to be the described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 12th day of January, 1973.

DORIS MARLETT
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1973

Doris Marlett
Notary Public

Doris Marlett

Name of Notary, Typed or Printed

My Commission expires _____

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

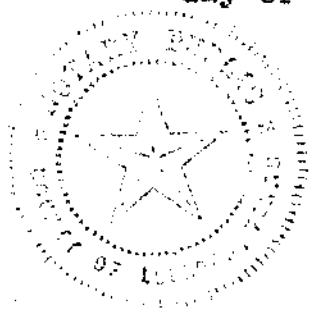
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-29-1972 Name: E. B. Kelly
Address: Box 782
Lubbock, Tex 79408

STATE OF Texas }
COUNTY OF Lubbock } ss.

On this 29th day of July, 1972,
before me personally appeared E. B. Kelly,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 29th
day of July, 1972.



Frank A. Cave
Notary Public

FRANK A. CAVE
Name of Notary, typed or printed

My commission expires: 6-1-73

Notary Public, Lubbock County, Texas
My Commission Expires June 1, 1973

125

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name: Cecil Kelsey

Address: P.O. Box 10415
Lubbock Texas 79408

STATE OF Texas }
COUNTY OF Lubbock } ss.

On this 28th day of July, 1972,
before me personally appeared Cecil Kelsey,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of July, 1972.

Russell Tarrance
Notary Public

Russell Tarrance
Name of Notary, typed or printed

My commission expires: 6-1-73

Royalty Interest Only

130

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the/^{royalty}interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This ratification and joinder by undersigned royalty owner, hereafter called "Royalty Owner" (being the owner of royalty interest reserved by him as lessor in oil and gas leases on some lands described in the Plan), is subject to the following:

(1) Plan of Unitization referred to above is identified as the Plan, copy of which was forwarded under covering letter by C. M. Tarr, Senior Staff Engineer, Continental Oil Company, to Theodore Kellogg, dated 12-11-72.

(2) Notwithstanding Secs. 4.2 of Part I, 1.1 of Part II, Part III, or other provisions of the Plan, the interest hereby committed to it by Royalty Owner consists only of royalty interests, as defined in Art. 2 of Part I (free of unit expense as provided in Sec. 12.3 of Part II) and does not include any unleased minerals not qualifying as such royalty interest; and it is understood and agreed (and Initial Unit Operator so covenants and warrants for itself and successors, by its signature hereto) that:

(a) costs and expenses incurred under the plan relating to such unleased minerals shall not be a personal obligation of royalty owner nor a lien upon such minerals, but shall be chargeable only against, and collectible from, production from such authorized by law, not in excess of 7/8ths of such production as provided in Sec. 2.7 of Part I;

(b) with respect to marketing and handling of royalty owner's share of unitized substances (either from unleased minerals or royalty interest) unit operator and its successors will not permit discrimination adverse to royalty owner with respect to price, marketing or otherwise between royalty owner and other parties to the plan.

(3) Notwithstanding Art. 3, Part I, or any other provision of the Plan,

(4) No changes or modifications of the Plan adversely affecting any right or interest of royalty owner shall be valid without such owner's written consent.

Dated: January 17, 1973

Name :

Dickinson, North Dakota 58601

STATE OF North Dakota

COUNTY OF Stark

\$5.

Given under my hand and official seal this 17th day of January

1973 .

Name of Notary, typed or printed
Stark County, North Dakota

My Commission expires: 8-1-75.

ATTEST:

Index

CONTINENTAL OIL COMPANY - Unit Operator

Dated: _____ ~~Address~~ By: _____

~~ADDRESS~~ By:

Attorney - in - Fact

STATE OF TEXAS

COUNTY OF HARRIS

SS.

On this 12th day of January, 1973

Given under my hand and official seal this 12th day of January, 1973.

Notary Public

Doris Marlett

Name of Notary, Typed or Printed

My Commission expires

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7/27/72

Name: John McKenna

Address: PO Box 5
Bismarck, N. Dak. 58101

STATE OF N. Dak. }
COUNTY OF B. Burleigh } ss.

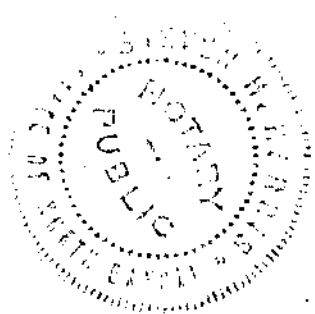
On this 27 day of July, 1972,
before me personally appeared John McKenna,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 27
day of July, 1972.

Steven H. Harris
Notary Public

Steven H. Harris
Name of Notary, typed or printed

My commission expires: 8-22-72



13/2

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the/^{royalty}interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This ratification and joinder by undersigned royalty owner, hereafter called "Royalty Owner" (being the owner of royalty interest reserved by him as lessor in oil and gas leases on some lands described in the Plan), is subject to the following:

- (1) Plan of Unitization referred to above is identified as the Plan, copy of which was forwarded under covering letter by C. M. Tarr, Senior Staff Engineer, Continental Oil Company, to Theodore Kellogg, dated 12-11-72.
- (2) Notwithstanding Secs. 4.2 of Part I, 1.1 of Part II, Part III, or other provisions of the Plan, the interest hereby committed to it by Royalty Owner consists only of royalty interests, as defined in Art. 2 of Part I (free of unit expense as provided in Sec. 12.3 of Part II) and does not include any unleased minerals not qualifying as such royalty interest; and it is understood and agreed (and Initial Unit Operator so covenants and warrants for itself and successors, by its signature hereto) that:

- (a) costs and expenses incurred under the plan relating to such unleased minerals shall not be a personal obligation of royalty owner nor a lien upon such minerals, but shall be chargeable only against, and collectible from, production from such authorized by law, not in excess of 7/8ths of such production as provided in Sec. 2.7 of Part I;

- (b) with respect to marketing and handling of royalty owner's share of unitized substances (either from unleased minerals or royalty interest) unit operator and its successors will not permit discrimination adverse to royalty owner with respect to price marketing or otherwise between royalty owner and other parties to the plan.

- (3) Notwithstanding Art. 3, Part I, or any other provision of the Plan,

execution hereof by royalty owner does not signify acknowledgment of ownership of interests as set out in Exhibits C. and D. attached to the Plan.

(4) No changes or modifications of the Plan adversely affecting any right or interest of royalty owner shall be valid without such owner's written consent.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated 26th 1973

Name: Gordon W. Schnell

Royalty Owner

STATE OF NORTH DAKOTA)
COUNTY OF STARK) ss.

On this 26th day of January, 1973, before me personally appeared John L. Sherman, Paul G. G. Kloster, & Gordon W. Schnell, known to me to be the persons who ~~is~~ ^{are} described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 26th day of January, 1973.

Phyllis M. Lemhard
Phyllis M. Lemhard, Notary Public
Stark County, North Dakota

Name of Notary, typed or printed

My Commission Expires: 7-20-76.

CONTINENTAL OIL COMPANY - Unit Operator

By [Signature]

STATE OF COLORADO
COUNTY OF DENVER

ss.

On this 1st day of February, 1973, before me, the undersigned Notary Public, personally appeared J. H. Dickson, personally known to me to be and who, being by me duly sworn, did say that he is the person who is described in the within and foregoing instrument as Attorney in Fact of CONTINENTAL OIL COMPANY, a Delaware corporation, and who, as such Attorney in Fact, subscribed, signed and executed said instrument and he duly acknowledged to me that as such Attorney in Fact he subscribed, signed and executed said instrument as his free and voluntary act and deed on behalf of and as the free and voluntary act and deed of said CONTINENTAL OIL COMPANY, as principal, and for the purposes therein contained and by authority of a resolution of its Board of Directors.

My commission expires February 3, 1976.

Witness my hand and official seal.

Mary K. Symons
NOTARY PUBLIC SIGNATURE

Mary K. Symons

NOTARY'S NAME (TYPED OR PRINTED)

Denver, Colorado

NOTARY'S RESIDENCE

Name of Notary, Typed or Printed

My Commission Expires:

1-2
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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 11-72 Name: Marquette Tschida
Address: 37 E. J
Dickinson N. D.

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 11th day of December, 1972,
before me personally appeared Marquette Tschida,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 11th
day of December, 1972.

Marquette Tschida
Notary Public

Name of Notary, typed or printed

My commission expires: MARQUETTE TSCHIDA

Notary Public, STARK COUNTY, N. DAK.
My Commission Expires DEC. 1, 1977

Royalty Interest Only

2-1-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/8/72 Name: Harry I. Kostelicky
Address: _____

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 29th day of November, 1972,
before me personally appeared Harry I. Kostelicky,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 30th
day of November, 1972.

Albert J. Snyder
Notary Public

Albert J. Snyder
Name of Notary, typed or printed

My commission expires: Aug. 1, 1973

135

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 22, 1973

Name: [Signature]

Address: [Signature]

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 22 day of January, 1973, before me personally appeared [Signature] known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 22nd day of January, 1973.

[Signature]
Notary Public

Albert J. Hardy
Name of Notary, typed or printed

My commission expires: Aug. 6, 1973

Royalty Interest Only

227-3
1-26-72

136

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/5/72

Name: Patricia J. Kostelick

Address: _____

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 5th day of December, 1972, before me personally appeared Patricia J. Kostelick, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 5th day of December, 1972.

Albert J. Hardy
Notary Public

Albert J. Hardy
Name of Notary, typed or printed

My commission expires: Aug. 1, 1973



137

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 22, 1973

Name: Ronald Kistelecus

Address: Box 810
Winkler, Colorado

STATE OF North Dakota

COUNTY OF Stark

} ss.

On this 22nd day of January, 1973, before me personally appeared Ronald Kistelecus known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that _____ executed the same.

Given under my hand and official seal this 22nd day of January, 1973.

Albert J. Snyder
Notary Public

Albert J. Snyder
Name of Notary, typed or printed

My commission expires: Aug 1, 1973

Royalty Interest Only

7,22 9.3

1-26-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/8/72 Name: Rose Kostelicky
Address: _____

STATE OF North Dakota }
COUNTY OF Stark } ss.

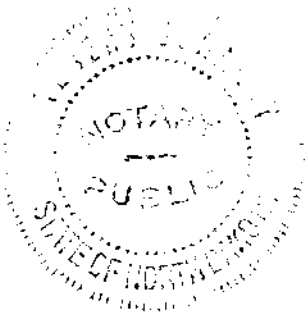
On this 8th day of December, 1972,
before me personally appeared Rose Kostelicky,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of December, 1972.

Albert T. Linder
Notary Public

Albert T. Linder
Name of Notary, typed or printed

My commission expires: Aug 1, 1973



19

Royalty Interest Only

150

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUG 3 1972

Name: Josephine Kralick
Joe Kralick Jr.

Address: 83 Box 115
Dickinson, N. D. 58601

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 3d day of August, 1972,
before me personally appeared Joe Kralick Jr.
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 3d
day of August, 1972.

Marguerite Tschida

Notary Public
MARGUERITE TSCHIDA

Notary Public, STARK COUNTY, N. DAK.
My Commission Expires DEC. 1, 1977

Name of Notary, typed or printed

My commission expires: _____

1411
(1411)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-7-72

Name: Mary A Kralick

Address: 2010 Liberty St NE

Salem Oregon 97303

STATE OF Oregon }
COUNTY OF Marion } ss.

On this 7 day of August, 1972,
before me personally appeared Mary A Kralick,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7
day of August, 1972.

[Signature]
Notary Public

Floyd A. Snyder
Name of Notary, typed or printed

My commission expires: 6-20-76



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/13/72

Name: Martine R. Krebs
Ronald W. Krebs

Address: 121 S. Commercial St.
Stark County, N.D.

STATE OF N.D. }
COUNTY OF Stark } ss.

On this 13th day of December, 1972, before me personally appeared Martine R. Krebs, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 13th day of December, 1972.

(Signature)
Notary Public

(Signature)
Name of Notary, typed or printed

My commission expires: 12-31-74

104

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Frank A Kudrna

Dated: AUGUST 24, 1972 Name: Mary Kudrna

Address: 621 - 14TH AVE. W.

DICKINSON, N. DAK. 58001

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 24TH day of AUGUST, 1972,
before me personally appeared FRANK A. KUDRNA AND MARY KUDRNA,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
THEY executed the same.

Given under my hand and official seal this 24TH
day of AUGUST, 1972.

Arthur C Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

140

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-1-72

Name: Wittke - Mary Paul Lake

Address: Box 1566
Carter, Colo 81321

STATE OF Colorado

COUNTY OF Montezuma

ss.

On this 1st day of August, 1972, before me personally appeared Wittke - Mary Paul Lake, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 1st day of August, 1972.

Blanche R. Rucker
Notary Public

Blanche R. Rucker
Name of Notary, typed or printed

My commission expires: 12-31-76

Royalty Interest Only

A/H. L. S. K.

P.O. Box 1566

Carter, Colo 81321

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 24, 1972

Name: Charles E. Landis

Address: 1655 Awarrey

BEND, OREGON 97701

STATE OF Oregon

COUNTY OF Deschutes

} ss.

On this 24th day of August, 197 2,
before me personally appeared Charles E. Landis,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 24th
day of August, 197 2.

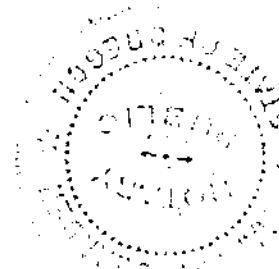
Margot Bearden
Notary Public

Margot Bearden

Name of Notary, typed or printed

My commission expires: July 1, 1974

Royalty Interest Only



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 31, 1972

Name: DOLLY L. LAM

Address: 3908 MANDEVILLE CYN,
LOS ANGELES, CALIF. 90089

STATE OF California

COUNTY OF Los Angeles

ss.

On this 31st day of August, 1972,
before me personally appeared Dolly L. Lam,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

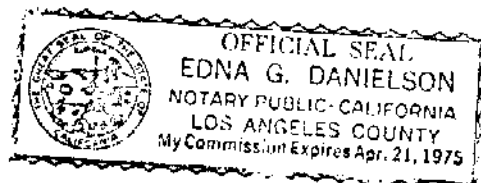
Given under my hand and official seal this 31st
day of August, 1972.

Edna G. Danielson
Notary Public

EDNA G. DANIELSON

Name of Notary, typed or printed

My commission expires: 4-21-75



Royalty Interest Only

1467

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28 1977

Name: Elizabeth Landis

Address: Box 304
Hecla, Texas - 79052

STATE OF Texas

COUNTY OF Deaf Smith

ss.

On this 28th day of July, 1977,
before me personally appeared Elizabeth Landis,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 28th
day of July, 1977.

Alan [Signature]
Notary Public

DEAN MURRAY
Name of Notary, typed or printed

My commission expires: June 1, 1978

Royalty Interest Only

26

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972 Name: Gladys B. Landis
Address: 5147 Surrey Circle
Dallas, Texas 75207

STATE OF Texas }
COUNTY OF Stark } ss.

On this 31st day of July, 1972,
before me personally appeared Gladys B. Landis,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Dorothy Summers
Notary Public

Dorothy Summers

Name of Notary, typed or printed

My commission expires: 6-1-73

Royalty Interest Only

21,37,47 3200

151

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-28-72

Name: Dickinson Heath Sand Unit

Address: Stark County, N.D.

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 28 day of July, 1972, before me personally appeared Dickinson Heath Sand Unit, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that Dickinson Heath Sand Unit executed the same.

Given under my hand and official seal this 28 day of July, 1972.

Jennie Shoemaker
Notary Public

Jennie Shoemaker
Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

1572

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 07/28/72

Name: A. O. Lang

Address: 8715 HARRIS

HOUSTON TEXAS 77036

STATE OF Texas

COUNTY OF Harris

} ss.

On this 28th day of July, 1972, before me personally appeared A. O. Lang known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 28th day of July, 1972.

B. J. Johnson
Notary Public

B. J. Johnson
Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

7139

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28 1972 Name: M. H. Lang
Address: 8715 W. Houston
Houston, Texas 77036

STATE OF Texas }
COUNTY OF Harris } ss.

On this 28th day of July, 1972, before me personally appeared M. H. Lang, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 28th day of July, 1972.

B. J. Johnson
Notary Public
B. J. Johnson
Name of Notary, typed or printed

My commission expires: June 1, 1973

152

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 2-6-73

Name: Frank Wallace Laws

Address: Box 112
Emery, N. Dakota
58541

STATE OF Oklahoma

COUNTY OF Oklmulgee

} ss.

On this 6th day of February, 1973, before me personally appeared Frank Wallace Laws known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 6th day of February, 1973.

Helen E. Cunningham
Notary Public

Helen E. Cunningham
Name of Notary, typed or printed

My commission expires: 2-28-75

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Feb. 7, 1973 Name: Samuel L. Laws
Address: 7700 Brookside Dr.
Okla. City, Ok, 73132

STATE OF Oklahoma }
COUNTY OF Oklahoma } ss.

On this 7th day of February, 1973,
before me personally appeared Samuel L. Laws
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 7th
day of February, 1973.

I Elaine Patterson
Notary Public

I. Elaine Patterson
Name of Notary, typed or printed

My commission expires: June 7, 1975

155

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 1, 1972

Name: Calvin M. Litch

Address: 10300 Ballantyne
Phila. Land 100
93950

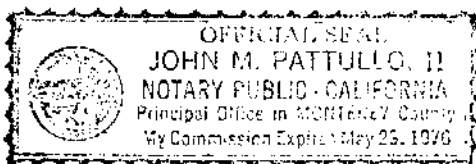
STATE OF CALIFORNIA

COUNTY OF MONTEREY

ss.

On this 1st day of AUGUST, 1972,
before me personally appeared CALVIN M. LITCH
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 1st
day of AUGUST, 1972.



John M. Pattullo, II
Notary Public

JOHN M. PATTULLO, II
Name of Notary, typed or printed

My commission expires: MAY 29, 1976

Royalty Interest Only

156

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 21 August 1972

Name: Gene C. Litch

Address: 1175 Rousch Avenue

Seaside, California 93955

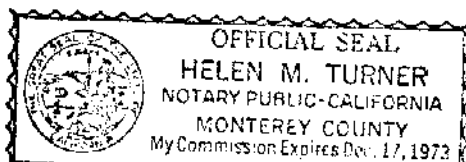
STATE OF CALIFORNIA

COUNTY OF Monterey

} ss.

On this 21st day of August, 197 2,
before me personally appeared - - - - GENE C. LITCH - - - - -
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 21st
day of August, 197 2, at Presidio of Monterey, California.



West Coast Branch, Presidio of Monterey, Calif. 93940

Helen M. Turner
Notary Public

HELEN M. TURNER, Presidio of Monterey, CA
Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

47

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: LONE STAR PRODUCING COMPANY

By *R. A. Fowler*

Dated: September 7, 1972

Address 301 South Harwood Street

Dallas, Texas 75201

STATE OF Texas }
COUNTY OF Dallas } ss.

On this 7th day of September, 1972,
before me personally appeared R. A. Fowler,
known to me to be the Vice President of the corporation
described in and that executed the within instrument, and
acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 7th
day of September, 1972.

A. E. Mathis
Notary Public

A. E. MATHIS, Notary Public
in and for Dallas County, Texas

A. E. Mathis
Name of Notary, Typed or Printed

My commission expires: June 1, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 1-19-73 Name: Eva M. Kuran
Address: 5533 S. Bunker
Laurel 110981-81/val

STATE OF WASH
COUNTY OF KING } ss.

On this 19 day of Jan, 1973,
before me personally appeared Eva M. Kuran,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 19
day of Jan, 1973.

Evelyn L. Healy
Notary Public

EVELYN L. HEALY
Name of Notary, typed or printed

My commission expires: 6-16-73



Royalty Interest Only

120

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Aug 14, 1972

Attest:

Name: a.w. Lucas Co

Address: Michael Speakes

STATE OF NORTH DAKOTA

COUNTY OF BURLEIGH

ss.

On this 14TH day of AUGUST, 1972, before me personally appeared MICHAEL L. SPEAKS

known to me to be the ~~person who is~~ described in and who executed the within and foregoing instrument, and acknowledged to me that ~~such~~ CORPORATION executed the same.

Given under my hand and official seal this 14TH day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 11, 1973 Name: Adrian J Mark
Address: 47 South Main Ave
Athens, Ohio 45701

STATE OF OHIO
COUNTY OF Delaware } ss.

On this 4 day of January, 1973,
before me personally appeared Adrian J Mark,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 4
day of January, 1973.

Frederick A. Clark
Notary Public

Frederick A. Clark
Name of Notary, typed or printed

My commission expires: EMERSON CLARK
NOTARY PUBLIC, OHIO
MY COMMISSION EXPIRES JULY 27, 1977

161

100

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 4, 1973 Name: William Marsh
Address: 47 S. Main Ave
Chillicothe, Ohio 45701

STATE OF Ohio
COUNTY OF Adams } ss.

On this 4 day of January, 1973,
before me personally appeared William Marsh,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 4
day of January, 1973.

Ralph W. Clark
Notary Public

Ralph W. Clark
Name of Notary, typed or printed

My commission expires: July 27, 1977
Ralph W. Clark
Notary Public, Stark County, Ohio
MY COMMISSION EXPIRES JULY 27, 1977

Royalty Interest Only

#25 101

152

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 4, 1972 Name: Gennie C. Marsh
Address: _____

STATE OF Missouri }
COUNTY OF Greene } ss.

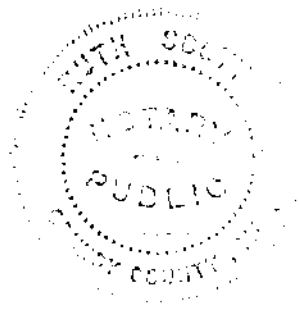
On this 4th day of August, 1972, before me personally appeared Gennie C. Marsh, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 4th day of August, 1972.

Ruth Scott
Notary Public

Ruth Scott
Name of Notary, typed or printed

My commission expires: November 18, 1972



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 19 1973

Name: Alto Marsh

Address: 2340-NE 126th
Seattle, Wash
98125

STATE OF Washington }
COUNTY OF King } ss.

On this 19 day of JANUARY, 1973,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this _____
day of January, 1973.

Alvin J. Tupper
Notary Public

Alvin J. Tupper
Name of Notary, typed or printed

My commission expires: June 8, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 14, 1972

Name: *Vincent Marsh*

Vincent Marsh

Address: 912 Fairway Street

Dickinson, N.D. 58601

STATE OF NORTH DAKOTA

COUNTY OF STARK

} ss.

On this 14th day of December, 1972,
before me personally appeared Vincent Marsh,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 14th
day of December, 1972.

George T. Dynes
Notary Public

George T. Dynes

Name of Notary, typed or printed

Stark County, North Dakota

My commission expires: September 22, 1974

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 14, 1972

Name: Mary Marsh

Address: Mary Marsh
912 Fairway Street

Dickinson, N.D. 58601

STATE OF NORTH DAKOTA

COUNTY OF STARK

ss.

On this 14th day of December, 1972,
before me personally appeared Mary Marsh,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 14th
day of December, 1972.

George T. Dynes Notary Public

Stark County, North Dakota

Name of Notary, typed or printed

My commission expires: September 22, 1974

65

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/01/72

Name: David L Martin

Address: 1000 E. 1st St. So
Kirkwood, Mo.

STATE OF Washington }
COUNTY OF King } ss.

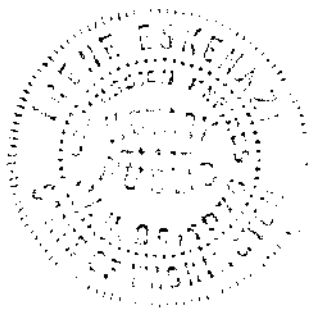
On this 01st day of August, 1972,
before me personally appeared _____
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 01st
day of August, 1972.

Irene Eskenazi
Notary Public

Irene Eskenazi
Name of Notary, typed or printed

My commission expires: Jan. 22, 1976



Royalty Interest Only

7-12, 27, 28

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-28-72

Name: Andrew Michalski

Address: 7008 Brentwood

Seneca, N.D. 58158

STATE OF Washington }
COUNTY OF King } ss.

On this 28th day of August, 1972, before me personally appeared ANDREW MICHALSKI, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that HE executed the same.

Given under my hand and official seal this 28th day of AUGUST, 1972.

Charles H. Hansen
Notary Public

CHARLES H. HANSEN
Name of Notary, typed or printed

My commission expires: APRIL 17, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Sept 5 1972 Name: Anton P. Meduna
Address: Rt 2 Box 438
Boring Oregon

STATE OF Oregon }
COUNTY OF Clackamas } ss.

On this 5th day of September, 1972,
before me personally appeared Anton P. Meduna,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 5th
day of September, 1972.

Kathleen Forhan
Notary Public

Kathleen Forhan
Name of Notary, typed or printed

My commission expires: 7-26-73



Royalty Interest Only

158

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: Arthur Medema

Address: Rt 1 Box 1
Belleville, N. Dak.

STATE OF N. Dak.

COUNTY OF Stark

ss.

On this 31 day of July, 1972, before me personally appeared Arthur Medema, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 31 day of July, 1972.

Nicodemus M. Kessel
Notary Public

Name of Notary, typed or printed
NICODEMUS M. KESSEL

My commission expires: Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 22, 1977

Royalty Interest Only

107
167

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-4-72

Name:

Charles D. Medina

Address:

RT #1 Box #149
Dickinson, N. Dak.

STATE OF

North Dakota

COUNTY OF

Stark

ss.

On this 4 day of August, 1972,
before me personally appeared Charles D. Medina,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 4
day of August, 1972

Jeanne Odegard
Notary Public

Jeanne Odegard

Name of Notary, typed or printed

My commission expires: 10/23/73

Royalty Interest Only

2

175

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

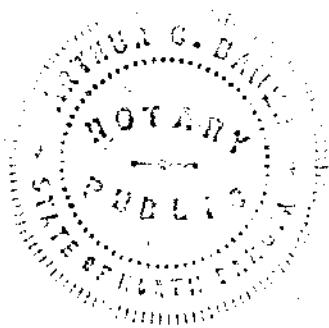
Name: Frank L. McDona

Address: 546 W. VILLARD
DICKINSON, N. DAK 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 19TH day of AUGUST, 197 2,
before me personally appeared FRANK L. McDONA,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
He executed the same.

Given under my hand and official seal this 19TH
day of AUGUST, 197 2.



Arthur C. Bauer
Notary Public

ARTHER C. BAUER
Name of Notary, typed or printed

My commission expires: ~~SEPTEMBER 2~~ JUNE 9, 1975

Royalty Interest Only

171

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-26-72 Name: Henry M. Medina
Address: 226 3rd ave SW
Cut Bank, Montana

STATE OF Montana }
COUNTY OF Glacier } ss.

On this 26th day of September, 1972,
before me personally appeared Henry M. Medina,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 26th
day of September, 1972.

Margaret Jean Gertzen
Notary Public

Margaret Jean Gertzen
Name of Notary, typed or printed

My commission expires: 1 December 1972

Royalty Interest Only

172

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972 Name: Jack E. Medema
Address: 12530 - 7TH - NORTHWEST
SEATTLE, WASHINGTON,
98177

STATE OF Washington }
COUNTY OF Clark } ss.

On this 28th day of July, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 28th
day of July, 1972.

Don M. Fagan
Notary Public

Don M. Fagan
Name of Notary, typed or printed

My commission expires: August 2, 1975


Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 5 Dec 1972 Name: Joseph J. McQuinn
Address: 8207 W. 11th Ave.
Phoenix Ariz 85021

STATE OF ARIZ }
COUNTY OF MARICOPA } ss.

On this 5 day of DEC, 1972,
before me personally appeared JOSEPH J. McQUINN,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 5
day of DEC, 1972.

[Signature]
Notary Public

Duane Zieker

Name of Notary, typed or printed

My commission expires: My Commission Expires June 21, 1974

174

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972 Name: Vincent W. McLean
Address: 1237 1st West
Dickinson ND

STATE OF North Dakota }
COUNTY OF Stark } ss.

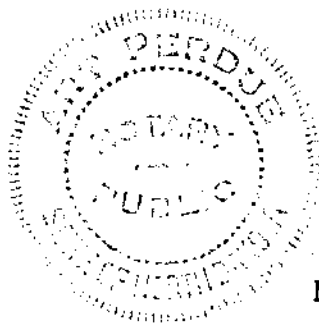
On this 7th day of August, 1972,
before me personally appeared Vincent W. McLean,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
He executed the same.

Given under my hand and official seal this 7th
day of August, 1972.

Art Perdue
Notary Public

ART PERDUE
Name of Notary, typed or printed

My commission expires: 3-15-1975



125

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/9 Name: W. H. MEDUNA
Address: 5000 92 NE
SEATTLE, WASH

STATE OF Wash }
COUNTY OF King } ss.

On this 9th day of August, 1972,
before me personally appeared W. H. MEDUNA,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
SAC executed the same.

Given under my hand and official seal this 9th
day of August, 1972.

D. H. H.
Notary Public

R. F. F.
Name of Notary, typed or printed

My commission expires: 1975



Royalty Interest Only

176

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 19, 1972

Name: William Medema

Address: 1312 2nd St. S.W.
Dickinson, N.D. 58601

STATE OF NORTH DAKOTA
COUNTY OF STARK } ss.

On this 19th day of AUGUST, 1972,
before me personally appeared William Medema,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 19th
day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

#34

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 29, 1972

Name: W. C. Merrill

Address: Box 1311

Duncan, Oklahoma 73533

STATE OF Oklahoma

COUNTY OF Stephens

} ss.

On this 29 day of July, 1972,
before me personally appeared W. C. Merrill,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 29
day of July, 1972.

John L. Davis, Jr.
Notary Public

John L. Davis, Jr.

Name of Notary, typed or printed

My commission expires: My Commission Expires Mar. 5, 1973.

Royalty Interest Only

178(1)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder, shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 19-1972 Name: George D Miller
Address: Manning, NDak

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 19th day of September, 1972,
before me personally appeared George D Miller,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 19th
day of September, 1972.

E. A. Decker
Notary Public

E. A. DECKER,
Notary Public - STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

Name of Notary, typed or printed

My commission expires: July 20 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 9 1972 Name: Emily M. Miller
Address: Manning, N.D.
Stark County

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 19th day of September, 1972,
before me personally appeared Emily M. Miller,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 19th
day of September, 1972.

E. A. Ullrich
Notary Public
E. A. ULLRICH
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires May 22 1973

Name of Notary, typed or printed

My commission expires: May 22 1973

Royalty Interest Only

119
170

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 18 1972

Name: Veronica Miller
Jack F Miller

Address: 811 9th Ave West
Dickinson N. Dak 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 18TH day of AUGUST, 1972, before me personally appeared Jack F Miller and Veronica Miller, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that They executed the same.

Given under my hand and official seal this 18TH day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

AFSL

150

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 15 1972

Name:

Joseph F. Miller
Edith May Miller

Address:

632 8th Ave West
Dickinson, N.D.

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 15th day of August, 1972, before me personally appeared Joseph F. Miller and Edith May Miller, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 15th day of August, 1972.

Ludwig F. Karsky
Notary Public

Ludwig F. Karsky

Name of Notary, typed or printed

My commission expires: Dec 6, 1975



Notary Public
STATE OF NORTH DAKOTA
My Commission Expires Dec 6, 1975

Royalty Interest Only

152

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 17, 1972

Name: Mike F Miller

Address: ROUTE 3, DICKINSON, N. DAK 58601

Betty J. Miller

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 17TH day of AUGUST, 1972, before me personally appeared MIKE F MILLER AND BETTY J. MILLER, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that 17TH executed the same.

Given under my hand and official seal this 17TH day of AUGUST, 1972.

Arthur C Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: 6-9-1975

Royalty Interest Only

#56

132

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/3/72 Name: Vivian Miller
Address: Route 1
Chattahoochee, 99003

STATE OF Washington }
COUNTY OF Spokane } ss.

On this 3 day of August, 1972,
before me personally appeared Vivian Miller,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 3
day of August, 1972.

Doris L. Hale
Notary Public

Doris L. Hale
Name of Notary, typed or printed

My commission expires: Feb. 4, 1974

Royalty Interest Only
41

183

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

The Millikin National Bank of Decatur,
Trustee of the Estate of
Clarence C. Holman

Dated: 9/1/72

Name: By: Leonard H. Jacob

Senior Vice President

Address: One Millikin Court

Decatur, Illinois 62523

STATE OF ILLINOIS)
COUNTY OF MACON) SS.

On this first day of September, 1972, personally appeared before me Leonard H. Jacob, Senior Vice President of The Millikin National Bank of Decatur, who executed within and foregoing interest and acknowledged to me that he executed the same for and on behalf of The Millikin National Bank of Decatur, Trustee of the Estate of Clarence C. Holman, deceased.

Given under my hand and official seal this 1st
day of September, 1972.

John H. Baird
Notary Public

John H. Baird

Name of Notary, typed or printed

My commission expires: December 11, 1973



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 1 - 1972

Name: Henry Minnett

Address: 1000 1st St

Chickasha, Oklahoma 73015

STATE OF OKLAHOMA

COUNTY OF GRADY

ss.

On this 1st day of August, 1972, before me personally appeared Henry Minnett and Henry Minnett as ~~Executor of the Estate of Norma E. Minnett deceased~~ known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 1st day of August, 1972.

RO MELDA SAYLORS
Notary Public

RO MELDA SAYLORS

Name of Notary, typed or printed

My commission expires: July 11, 1974

Royalty Interest Only

115

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 18, 1973

Name: Adessa Muecke

Address: Richardson, N.D.

STATE OF N.D.

COUNTY OF Stark

} ss.

On this 18th day of January, 1973, before me personally appeared Adessa Muecke known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 18th day of January, 1973.

Francis C. Forster
Notary Public

Name of Notary, typed or printed

My commission expires:

FRANCIS C. FORSTER

My Commission Expires MAR. 24, 1974

Royalty Interest Only

186

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-28-72

Name: Robert E. Cleveland

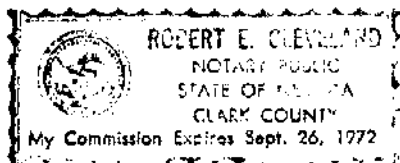
Address: 1101 Riverside St.

Las Vegas, Nevada 89121

STATE OF Nevada }
COUNTY OF Clark } ss.

On this 28th day of July, 1972,
before me personally appeared Robert E. Cleveland,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of July, 1972.



Robert E. Cleveland
Notary Public

Robert E. Cleveland
Name of Notary, typed or printed

My commission expires: Sept 26, 1972

Royalty Interest Only

39

188

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Name: J. Hiram Moore

Dated: July 31, 1972

Name: Betty Jane Moore

Address: P. O. Box 1733, Midland, TX 79701

J. Hiram Moore and Betty Jane Moore, Trustees under Indenture of Trust dated July 1, 1971 between J. Hiram Moore and wife, Betty Jane Moore, as Trustees, and J. Hiram Moore, Betty Jane Moore and Michael Harrison Moore, Trustees.

STATE OF TEXAS

COUNTY OF MIDLAND

} ss.

On this 31st day of July, 1972, before me personally appeared J. Hiram Moore and Betty Jane Moore, Trustees, known to me to be the persons who ~~are~~ described in and who executed the within and foregoing instrument, ^{are} and acknowledged to me that they executed the same, and in the capacity therein stated.

Given under my hand and official seal this 31st day of July, 1972.



[Signature]
Notary Public

Charlene Ford

Name of Notary, typed or printed

My commission expires: June 1, 1973

189

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 16, 1972

Name: Melba A Moore

Address: Box 1181

DICKINSON N. DAK. 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 16TH day of AUGUST, 1972, before me personally appeared BEA MOORE AND MILDRED A MOORE, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 16TH day of AUGUST, 1972.

Arthur C Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7/27/72

Name: Morgan Company
By Kay McLaughlin

Address: Box 810
Stittman, ND

STATE OF North Dakota

COUNTY OF Stittman

ss.

On this 27th day of July, 1972,
before me personally appeared Kay McLaughlin,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 27th
day of July, 1972.

Kenneth W. McLaughlin
Notary Public

Stittman County, ND

Kenneth W. McLaughlin
Name of Notary, typed or printed

My commission expires: 9/14/75

Royalty Interest Only

1022 11

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

J. H. Morris, Attorney in Fact for Richard Taubman

Dated: August 16, 1972

Name: J. H. Morris

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Adair } ss.

On this 16th day of August, 1972, before me personally appeared J. H. Morris, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 16th day of August, 1972.

Helen Jarvis
Notary Public

Helen Jarvis

Name of Notary, typed or printed

My commission expires: My Commission Expires Feb 26, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

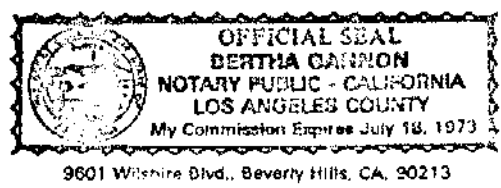
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Morris B. Taubman, Trustee for Richard Taubman under the Richard Taubman Accumulation Trust dated April 1, 1959

Dated: September 11, 1972 Name: Morris B. Taubman, Trustee for Richard Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 11th day of September, 1972,
before me personally appeared Morris B. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



Bertha Gannon
Notary Public

BERTHA GANNON
Name of Notary, typed or printed

My commission expires: July 18, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Morris B. Taubman, Trustee for Anne Taubman under the Anne Taubman Accumulation Trust dated April 1, 1959

Dated: September 11, 1972

Name: Morris B. Taubman, Trustee
for Anne Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 11th day of September, 1972,
before me personally appeared Morris B. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



9601 Wilshire Blvd., Beverly Hills, CA. 90213

Bertha Gannon
Notary Public

Bertha Gannon
Name of Notary, typed or printed

My commission expires: July 11, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Janice L. Taubman, Trustee for Richard Taubman under the Richard Taubman Accumulation Trust dated April 1, 1959

Dated: September 11 1972

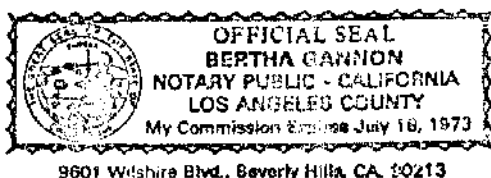
Name: Janice L. Taubman, Trustee

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF CALIFORNIA
COUNTY OF LOS ANGELES } ss.

On this 11th day of September, 1972,
before me personally appeared Janice L. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



Bertha Gannon
Notary Public

BERTHA GANNON

Name of Notary, typed or printed

My commission expires: July 18, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Morris B. Taubman, Trustee of Morris B. Taubman
Revocable Trust dated October 2, 1967

Dated: September 11, 1972

Name: Morris B. Taubman Trustee
Revocable Trust

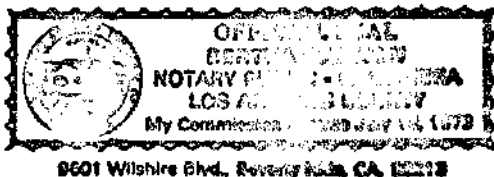
Address: 1615 First National Bldg.

Tulsa, Oklahoma 74103

STATE OF CALIFORNIA
COUNTY OF Los Angeles } ss.

On this 11th day of September, 1972,
before me personally appeared Morris B. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



Bertha Gannon
Notary Public

BERTHA GANNON

Name of Notary, typed or printed

My commission expires: July 12, 1973

Royalty Interest Only

172
(4)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 11 1972

Name: Janice L. Taubman

Address: 1615 First National Bldg.

Tulsa, Oklahoma 74103

STATE OF CALIFORNIA

COUNTY OF LOS ANGELES

ss.

On this 11th day of September, 1972,
before me personally appeared Janice L. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



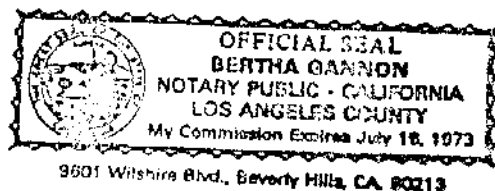
NOTARY PUBLIC
BERTHA CANNON
LOS ANGELES COUNTY
COMMISSION EXPIRES JULY 18, 1973
OFFICE 17 60213

Bertha Cannon
Notary Public

BERTHA CANNON

Name of Notary, typed or printed

My commission expires: July 18, 1973



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Janice L. Taubman, Trustee for Anne Taubman under the Anne Taubman Accumulation Trust dated April 1, 1959

Dated: September 11, 1972 Name: Janice L. Taubman, Trustee for Anne Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 11th day of September, 1972, before me personally appeared Janice L. Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 11th day of September, 1972.



9601 Wilshire Blvd., Beverly Hills, CA. 90213

Bertha Gannon
Notary Public

BERTHA GANNON
Name of Notary, typed or printed

My commission expires: July 18, 1973

112
(3)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

M. B. Taubman, as Custodian for Anne Taubman
under the Oklahoma Uniform Gifts to Minors Act

Dated: September 11, 1972

Name: M. B. Taubman, Custodian
for Anne Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 11th day of September, 1972,
before me personally appeared M. B. Taubman

known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11th
day of September, 1972.



Bertha Gannon
Notary Public

Bertha Gannon

Name of Notary, typed or printed

My commission expires: July 12, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-18-72 Name: Rosalie Taubman Shalom
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Texas }
COUNTY OF Dallas } ss.

On this 18th day of August, 1972,
before me personally appeared Rosalie Taubman Shalom,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 18th
day of August, 1972.

Melvin E. Davis
Notary Public

Melvin E. Davis
Name of Notary, typed or printed

My commission expires: August 1, 1973

142
(10)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. David B. Shalom, Custodian for Karen Paula Shalom under the Oklahoma Uniform Gifts to Minors Act

Dated: 8-12-72

Name: David B. Shalom

Address: 1615 First National Building

Tulsa, Oklahoma 74103

STATE OF Texas }
COUNTY OF Dallas } ss.

On this 10th day of August, 1972, before me personally appeared David B. Shalom, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 10th day of August, 1972.

William F. Dool
Notary Public

William F. Dool
Name of Notary, typed or printed

My commission expires: June 1, 1975

(10)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Louis Taubman Revocable Trust dated August 1, 1969, J. H. Morris as Trustee

Dated: August 16, 1972

Name: J. H. Morris

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 16th day of August, 1972, before me personally appeared J. H. Morris known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 16th day of August, 1972.

Helen J. Morris
Notary Public

Helen J. Morris
Name of Notary, typed or printed

My commission expires: My Commission Expires Feb. 26, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

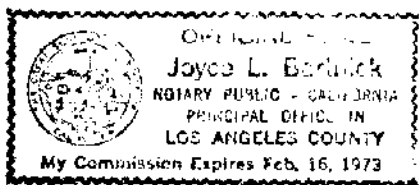
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug. 23-1972 Name: Ruthe S. Taubman
Ruthe S. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Ruthe S. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public
JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

(13)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Louis Taubman, Custodian for Maurine Taubman
under the Oklahoma Uniform Gifts to Minors Act

Dated: August 23, 1972

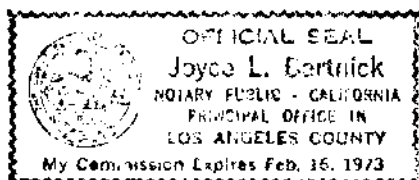
Name: Louis Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Louis Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

Joyce L. Bartnick
Name of Notary, typed or printed

My commission expires: February 16, 1973

Royalty Interest Only

172-
(12)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Louis Taubman, Attorney in Fact for Lawrence Taubman (Lawrence Taubman and Lawrence Nathan Taubman are the same

Dated: August 23, 1972

Name: Louis Taubman

Address: 1615 First National Building

Tulsa, Oklahoma 74103

STATE OF

California

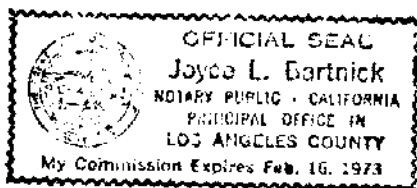
COUNTY OF

Los Angeles

ss.

On this 23rd day of August, 1972, before me personally appeared Louis Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 23rd day of August, 1972.



Joyce L. Bartnick
Notary Public

JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

Royalty Interest Only

(15)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Ruthe S. Taubman, Custodian for Maurine Taubman
under the Oklahoma Uniform Gifts to Minors Act

Dated: August 23, 1972

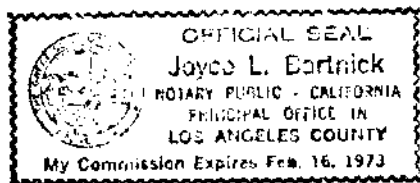
Name: Ruthe S. Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Ruthe S. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

161

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Louis Taubman, Trustee for Lawrence Nathan Taubman under the Lawrence Nathan Taubman Accumulation Trust dated February 5, 1960

Dated: August 23, 1972

Name: Louis Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

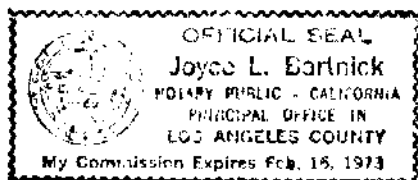
STATE OF California

COUNTY OF Los Angeles

SS.

On this 23rd day of August, 1972,
before me personally appeared Louis Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

Joyce L. Bartnick
Name of Notary, typed or printed

My commission expires: February 16, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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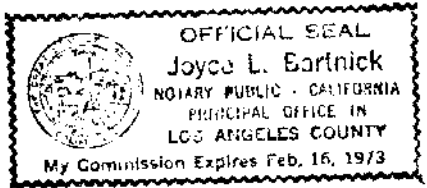
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Ruthe S. Taubman, Trustee for Lawrence Nathan Taubman under the Lawrence Nathan Taubman Accumulation Trust dated February 5, 1960

Dated: August 23, 1972 Name: Ruthe S. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Ruthe S. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

Joyce L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

(18)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Louis Taubman, Trustee for Maurine Taubman under the Maurine Taubman Accumulation Trust dated February 5, 1960

Dated: August 23, 1972

Name: Louis Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF

California

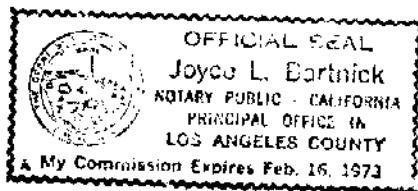
COUNTY OF

Los Angeles

ss.

On this 23rd day of August, 1972, before me personally appeared Louis Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 23rd day of August, 1972.



Joyce L. Bartnick
Notary Public

JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

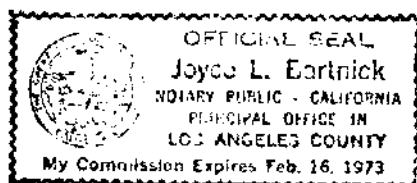
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Ruthe S. Taubman, Trustee for Maurine Taubman under the Maurine Taubman Accumulation Trust dated February 5, 1960

Dated: August 23, 1972 Name: Ruthe S. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972, before me personally appeared Ruthe S. Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 23rd day of August, 1972.



Joyce L. Bartnick
Notary Public

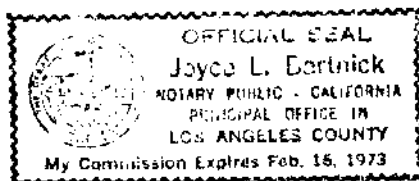
JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Levin Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

Joyce L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

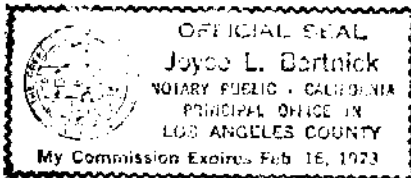
Royalty Interest only

Royalty Interest Only

STATE OF California }
COUNTY OF Los Angeles } ss.

On this 23rd day of August, 1972,
before me personally appeared Arthur J. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 23rd
day of August, 1972.



Joyce L. Bartnick
Notary Public

JOYCE L. BARTNICK
Name of Notary, typed or printed

My commission expires: February 16, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Louis Taubman, Ruthe S. Taubman and J. H. Morris, Trustees of the Ruthe and Louis Taubman Foundation

Dated: August 23 1972 Name: Louis Taubman
Name: Ruthe S. Taubman
Address: 1615 First National Building
Name: J. H. Morris
Address: Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 27th day of August, 1972, before me personally appeared Louis Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 27th day of August, 1972.

Helen Jarvis
Notary Public

Helen Jarvis

Name of Notary, typed or printed

My commission expires: My Commission Expires Feb. 26, 1975

Royalty Interest Only

(21)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Milton I. Taubman Trust dated November 12, 1969,
National Bank of Tulsa as Trustee.

Dated: August 21, 1972

Name: By Paul W. Hidenian Sr. V.P.

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 21st day of August, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 21st
day of August, 1972.

Margaret Boudreau
Notary Public

Margaret Boudreau
Name of Notary, typed or printed

My commission expires: 11-5-72

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 12, 1972 Name: Charles S. Taubman
Address: Charles S. Taubman
1615 First National Bldg.
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 12th day of September, 1972,
before me personally appeared Charles S. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 12th
day of September, 1972.

Helen Jarvis
Notary Public

Helen Jarvis

Name of Notary, typed or printed

My commission expires: My Commission Expires Feb. 26, 1975

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

J. H. Morris, Attorney in Fact for Deborah Taubman

Dated: August 16, 1972

Name: J. H. Morris

Address: 1615 First National Building

Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 16th day of August, 1972, before me personally appeared J. H. Morris, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 16th day of August, 1972.

Helen Jarvis
Notary Public

Helen Jarvis

Name of Notary, typed or printed

My commission expires: My Commission Expires Feb. 26, 1975

(24)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

J. H. Morris, Attorney in Fact for William David Taubman

Dated: August 16, 1972

Name: J. H. Morris

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Tulsa } ss.

On this 16th day of August, 1972,
before me personally appeared J. H. Morris,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 16th
day of August, 1972.

Helen Jarvis
Notary Public

Helen Jarvis

Name of Notary, typed or printed

My commission expires: My Commission Expires Feb. 26, 1975

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

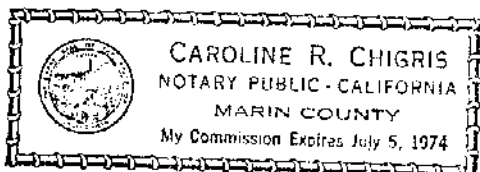
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. M. I. Taubman, as Custodian for Elizabeth Taubman under the Oklahoma Uniform Gifts to Minors Act

Dated: 9/22/72 Name: M. I. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF California }
COUNTY OF Marin } ss.

On this 22nd day of September, 1972, before me personally appeared M. I. Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 22nd day of September, 1972.



Caroline R. Chigris
Notary Public
Caroline R. Chigris
Name of Notary, typed or printed

My commission expires: July 5 - 1974

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

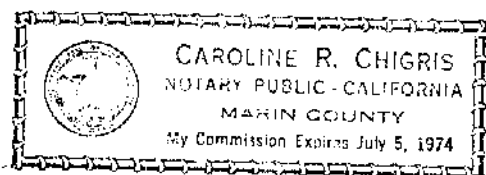
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. M. I. Taubman, as Custodian for Daniel M. Taubman under the Oklahoma Uniform Gifts to Minors Act

Dated: 9/22/72 Name: M. I. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Stark } ss.

On this 22nd day of September, 1972,
before me personally appeared M. I. Taubman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 22nd
day of September, 1972.



Caroline R. Chigris
Notary Public

Caroline R. Chigris
Name of Notary, typed or printed

My commission expires: July 5, 1974

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Robert M. Taubman, Attorney in Fact for Sara Katherine Taubman

Dated: September 21, 1973 Name: Robert M. Taubman

Address: 1615 First National Building

Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Okfuskee } ss.

On this 21st day of September, 197 3, before me personally appeared Robert M. Taubman known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of September, 197 3.

[Signature]
Notary Public

BETTY T. WILLIAMS
Name of Notary, typed or printed

My commission expires: My Commission Expires Oct. 6, 1973

(23)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Robert M. Taubman, Custodian for Hilary Lu Taubman under the Oklahoma Uniform Gifts to Minors Act.

Dated: September 21, 1972 Name: Robert M. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Arizona }
COUNTY OF Pima } ss.

On this 21st day of September, 1972, before me personally appeared Robert M. Taubman known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of September, 1972.

Betty J. Williams
Notary Public

Betty J. Williams
Name of Notary, typed or printed

My commission expires: My Commission Expires Oct. 6, 1973

Royalty Interest Only

207

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Robert M. Taubman, Custodian for Rebecca Melanie Taubman under the Oklahoma Uniform Gifts to Minors Act

Dated: September 21, 1972 Name: Robert M. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Ottawa } ss.

On this 21st day of September, 197 2, before me personally appeared Robert M. Taubman known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of September, 197 2.

Betty J. Williams
Notary Public

Betty J. Williams
Name of Notary, typed or printed

My commission expires: My Commission Expires Oct 1, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns. Robert M. Taubman, Custodian for Andrea Minda Taubman under the Oklahoma Uniform Gifts to Minors Act

Dated: September 21, 1972 Name: Robert M. Taubman
Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Oklahoma }
COUNTY OF Nowata } ss.

On this 21st day of September, 1972, before me personally appeared Robert M. Taubman known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of September, 1972.

Betty J. Williams
Notary Public
BETTY J. WILLIAMS
Name of Notary, typed or printed

My commission expires: October 6, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 21, 1972 Name: Robert M. Taubman

Address: 1615 First National Building
Tulsa, Oklahoma 74103

STATE OF Arizona }
COUNTY OF Maricopa } ss.

On this 21st day of September, 1972, before me personally appeared Robert M. Taubman, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of September, 1972.

Betty A. Williams
Notary Public

Betty A. Williams
Name of Notary, typed or printed

My commission expires: My Commission Expires Oct. 8, 1973

Royalty Interest Only

195

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 22, 1973

Name: Norbert J. Muggli

Address: _____

STATE OF STARK NORTH DAKOTA

COUNTY OF STARK

ss.

On this 22nd day of January, 1973, before me personally appeared Norbert J. and Doris Muggli known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 22nd day of January, 1973.

James M. Bircher
Notary Public

James M. Bircher

Name of Notary, typed or printed
Stark County, North Dakota

My commission expires: 2-23-77

Royalty Interest Only

196

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 8 1973

Name:

Ella V. Mulholland

Address:

527 NE 91st

Seattle Wash 98115

STATE OF WASHINGTON

COUNTY OF KING

ss.

On this 8th day of January, 1973,
before me personally appeared ELLA V. MULHOLLAND
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of January, 1973.

Eugene M. Moen
Notary Public

Eugene M. Moen

Name of Notary, typed or printed

My commission expires: Feb. 18, 1976

Royalty Interest Only

425 941

1-10-73

127
127

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12-27-1972

Name: Jack Neill

Address: 1925 E. ROSE LANE
PHOENIX ARIZONA 85016

STATE OF ARIZONA }
COUNTY OF NAHICOPA } ss.

On this 27 day of December, 1972,
before me personally appeared JACK NEILL,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
HE executed the same.

Given under my hand and official seal this 27
day of December, 1972.

Sandra L. Berlin
Notary Public

Sandra L. Berlin
Name of Notary, typed or printed

My commission expires: May 21, 1976

Royalty Interest Only

12 29 72

195

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 5 1972

Name: Lucy M. Neuman

Address: 4812 - W. 107th
Indianapolis, Wis 53225

STATE OF WISCONSIN
COUNTY OF MILWAUKEE } ss.

On this 5TH day of AUGUST, 1973,
before me personally appeared LUCY M. NEUMAN,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 5TH
day of AUGUST, 1972.

Harold Worden
Notary Public

HAROLD WORDEN
Name of Notary, typed or printed

My commission expires: 11/26/72

Royalty Interest Only

4587

197

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 10 1973 Name: Martha Niehoff
Address: 1208 Waukegan Ave
Helena, Mont

STATE OF Montana
COUNTY OF Lewis & Clark } ss.

On this 10th day of January, 1973,
before me personally appeared Martha Niehoff,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 10th
day of January, 1973.

Franklin L. Burkland
Notary Public

My Commission Expires 3 1973

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

425 1/11 1-15-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: NORTH AMERICAN ROYALTIES, INC.

By

Secretary

EXECUTIVE VICE PRESIDENT

Dated: Address Chattanooga, Tennessee
37402

STATE OF Tennessee }
COUNTY OF Hamilton } ss.

On this 4th day of August, 1972,

before me personally appeared G. P. Street, Jr.,
known to me to be the Vice President of the corporation
described in and that executed the within instrument, and
acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 4th
day of August, 1972.

Willene M. Niager
Notary Public

Willene M. Niager
Name of Notary, Typed or Printed

My commission expires: My Commission Expires July 11, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-12-72 Name: E. E. Hewitt
Address: P.O. Box 29
Wreede, Texas - 78861

STATE OF Texas }
COUNTY OF Wreede } ss.

On this 12th day of September, 1972, before me personally appeared E. E. Hewitt, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 12th day of September, 1972.

Alma B. Hudson
Notary Public

Alma B. Hudson
Name of Notary, typed or printed

My commission expires: June 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

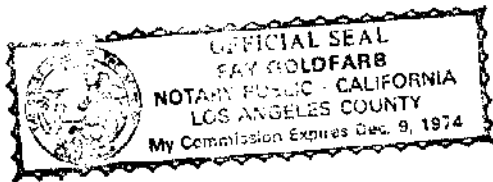
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 24, 1972 Name: Robert Otto
Address: 3142 Sycamore St.
Northridge, Calif 91360

STATE OF CALIFORNIA }
COUNTY OF LOS ANGELES } ss.

On this 24 day of AUGUST, 1972, before me personally appeared ROBERT OTTO AND ROSE OTTO known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that THEY executed the same.

Given under my hand and official seal this 24TH day of AUGUST, 1972.



Fay Goldfarb
Notary Public

FAY GOLDFARB
Name of Notary, typed or printed

My commission expires: DEC. 9, 1974

200

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION.
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 2/8/73

Name: Pacific West Lease Co
By: Rita F. Duke

Address: 3521 8th Ave NW
Seattle, Wash

STATE OF WASHINGTON

COUNTY OF KING

ss.

On this 8th day of February, 1973,
before me personally appeared RITA F. DUKE,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of February, 1973.

[Signature]
Notary Public

GREGORY T. FOURIE
Name of Notary, typed or printed

My commission expires: OCTOBER 9, 1974

Royalty Interest Only

205

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 2-16-73 Name: *Jim H. [Signature]*
Address: P. O. Box 711
Fort Worth, Texas 76102

STATE OF Texas }
COUNTY OF Tarrant } ss.

On this 16th day of February, 1973,
before me personally appeared *Jim H. [Signature]*
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 16th
day of February, 1973.

Mary W. Day
Notary Public

MARY IAY

Name of Notary, typed or printed

My commission expires: June 1 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-8-72

Name: Joan M. Patterson

Address: 118 - 3rd Ave. W. -
Wabasha, N.D.

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 8 day of September, 1972, before me personally appeared Mrs. Joan M. Patterson, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 8 day of September, 1972.

Marie Pavel
Notary Public

Marie Pavel

Name of Notary, typed or printed

My commission expires: February 4, 1978

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: September 1, 1972

Name: Rudolph Pazourek

Address: Rt 1 Dickinson, N.Dak.

Marie Pazourek

Rt 1 Dickinson, N.Dak.

STATE OF NORTH DAKOTA

COUNTY OF Stark

SS.

On this 1st day of September, 1972, before me personally appeared Rudolph Pazourek and Marie Pazourek, known to me to be the persons who ^{are} described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 1st day of September, 1972.

H. A. Lenz
Notary Public

H. A. Lenz

Name of Notary, typed or printed

My commission expires: February 5, 1977

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972 Name: Minnie Palensky
Address: Belfield
North Dakota

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 31st day of July, 1972,
before me personally appeared Minnie Palensky,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 31st
day of July, 1972.



Art Perdue
Notary Public

ART PERDUE
Name of Notary, typed or printed

My commission expires: 3-15-75

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 3-7-73 Name: Mrs Dorothy M. Pantow
Address: 8709 West 35th
Tacoma, Wn. 98466

STATE OF WASHINGTON }
COUNTY OF PIERCE } ss.

On this 7th day of MARCH, 1973, before me personally appeared Mrs Dorothy M. Pantow known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that SHE executed the same.

Given under my hand and official seal this 7th day of MARCH, 1973.

Brock K. Walton
Notary Public

Brock K. Walton
Name of Notary, typed or printed

My commission expires: 11-5-74



Royalty Interest Only

24

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 17, 1972

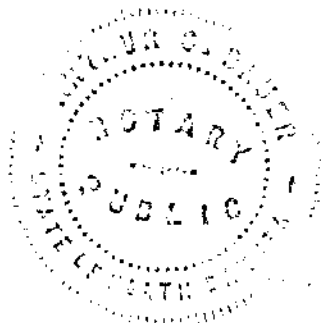
Name: Benton Brubaker

Address: 112-4TH AVE. E. DICKINSON N.D.
Mary Brubaker 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 17TH day of AUGUST, 1972,
before me personally appeared Benton Brubaker and Mary Brubaker,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
They executed the same.

Given under my hand and official seal this 17TH
day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: 6-9-75

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

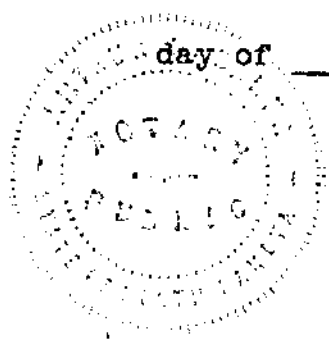
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 18, 1975 Name: Louise Prichard
Address: Rte #3, Dickinson, N. DAK. 58601
Magdalena Prichard

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 18TH day of AUGUST, 1972, before me personally appeared Louise Prichard and Magdalena Prichard, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that 18TH executed the same.

Given under my hand and official seal this 18TH day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 7, 1975

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in hereby approves, ratifies and all of the interests of the to the same effect as though delivered the original of said opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

PRONGHORN PETROLEUM CORPORATION

Dated: August 17, 1972

Name: George A. Rosenfeld

Address: 3565 Wooddale Avenue South

Minneapolis, Minnesota 55416

STATE OF Minnesota

COUNTY OF Hennepin

} ss.

On this 17th day of August, 1972, before me personally appeared George A. Rosenfeld known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 17th day of August, 1972.

Larry Hopkins
Notary Public

Name of Notary, typed or printed

My commission expires:

LARRY HOPKINS
Notary Public, Hennepin County, Minn.
My Commission Expires June 6, 1978.

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

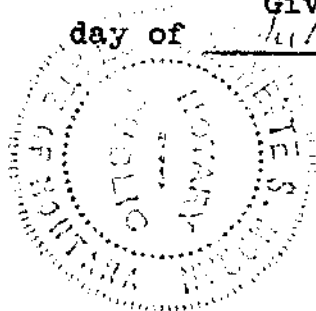
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972 Name: David A. Prosser
Address: P.O. Box 943
Billings, Montana 59103

STATE OF MONTANA }
COUNTY OF Yellowstone } ss.

On this 28th day of July, 1972, before me personally appeared DAVID A. PROSSER, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 28th day of July, 1972.



Jeanette S. Moran
Notary Public

Jeanette S. Moran
Name of Notary, typed or printed

My commission expires: March 1, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

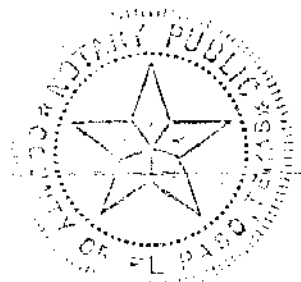
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9/6/72 Name: Mary M. Pugh
Address: 3100 Euclid St
El Paso Texas 79925

STATE OF TEXAS)
COUNTY OF EL PASO) ss.

On this 6th day of September, 1972,
before me personally appeared Mary M. Pugh,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 6th
day of September, 1972.



Judith A. Leach
Notary Public

JUDITH A. LEACH
Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

216

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 1 - 1972

Name:

Jane Marie Pugh

Address:

2622 4th Ave -
Laurel Creek 58101

STATE OF

Wash

COUNTY OF

King

ss.

On this 1 day of Aug, 1972,
before me personally appeared Jane Marie Pugh,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 1
day of Aug, 1972.

Helen G. Mayer
Notary Public

HELEN G. MAYER
Name of Notary, typed or printed

My commission expires: Feb 12, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 4, 1972 Name: Emma L. Purves
Address: PO Box 336
Deerhass, Kan - 62039

STATE OF Kansas }
COUNTY OF Butler } ss.

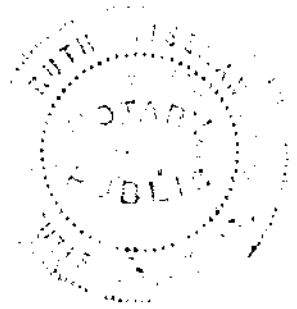
On this 4th day of August, 1972, before me personally appeared Emma Purves, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 4th day of August, 1972.

Ruth Wiseman
Notary Public

Ruth Wiseman
Name of Notary, typed or printed

My commission expires: 12-29-72



Royalty Interest Only

4344572, 4344573, 4344574, 4344575, 4344576, 4344577, 4344578, 4344579, 4344580, 4344581, 4344582, 4344583, 4344584, 4344585, 4344586, 4344587, 4344588, 4344589, 4344590, 4344591, 4344592, 4344593, 4344594, 4344595, 4344596, 4344597, 4344598, 4344599, 4344600, 4344601, 4344602, 4344603, 4344604, 4344605, 4344606, 4344607, 4344608, 4344609, 4344610, 4344611, 4344612, 4344613, 4344614, 4344615, 4344616, 4344617, 4344618, 4344619, 4344620, 4344621, 4344622, 4344623, 4344624, 4344625, 4344626, 4344627, 4344628, 4344629, 4344630, 4344631, 4344632, 4344633, 4344634, 4344635, 4344636, 4344637, 4344638, 4344639, 4344640, 4344641, 4344642, 4344643, 4344644, 4344645, 4344646, 4344647, 4344648, 4344649, 4344650, 4344651, 4344652, 4344653, 4344654, 4344655, 4344656, 4344657, 4344658, 4344659, 4344660, 4344661, 4344662, 4344663, 4344664, 4344665, 4344666, 4344667, 4344668, 4344669, 4344670, 4344671, 4344672, 4344673, 4344674, 4344675, 4344676, 4344677, 4344678, 4344679, 4344680, 4344681, 4344682, 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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the/^{royalty}interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This ratification and joinder by undersigned royalty owner, hereafter called "Royalty Owner" (being the owner of royalty interest reserved by him as lessor in oil and gas leases on some lands described in the Plan), is subject to the following:

(1) Plan of Unitization referred to above is identified as the Plan, copy of which was forwarded under covering letter by C. M. Tarr, Senior Staff Engineer, Continental Oil Company, to Theodore Kellogg, dated 12-11-72.

(2) Notwithstanding Secs. 4.2 of Part I, 1.1 of Part II, Part III, or other provisions of the Plan, the interest hereby committed to it by Royalty Owner consists only of royalty interests, as defined in Art. 2 of Part I (free of unit expense as provided in Sec. 12.3 of Part II) and does not include any unleased minerals not qualifying as such royalty interest; and it is understood and agreed (and Initial Unit Operator so covenants and warrants for itself and successors, by its signature hereto) that:

(a) costs and expenses incurred under the plan relating to such unleased minerals shall not be a personal obligation of royalty owner nor a lien upon such minerals, but shall be chargeable only against, and collectible from, production from such authorized by law, not in excess of 7/8ths of such production as provided in Sec. 2.7 of Part I;

(b) with respect to marketing and handling of royalty owner's share of unitized substances (either from unleased minerals or royalty interest) unit operator and its successors will not permit discrimination adverse to royalty owner with respect to price, marketing or otherwise between royalty owner and other parties to the plan.

(3) Notwithstanding Art. 3, Part I, or any other provision of the Plan,

(4) No changes or modifications of the Plan adversely affecting any right or interest of royalty owner shall be valid without such owner's written consent.

Dated: Aug 18-73 Name: E. J. Krasinski

Główny m. Rakowski

Dickinson the Clerk

STATE OF no tax)
COUNTY OF Sevier) SS.

Given under my hand and official seal this 15 day of January

HELEN F. NELSON
Notary Public, STARK COUNTY, N. D.
Commission Expires MAR. 20, 1938

HELEN F. NELSON
Name of Notary, typed or printed

xNORdeX

Dated: _____ ~~XXXXXX~~ By: R. L. Adams
Attorney - in - Fact

STATE OF TEXAS)
COUNTY OF HARRIS) ss.

Given under my hand and official seal this 12th day of January, 1973.

David Marshall

Name of Notary, Typed or Printed

My Commission expires

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/19/72

Name: James Kasalke

Address: 500 Alameda Rd #205

Beaumont, Cal
94616

STATE OF California }
COUNTY OF San Mateo } ss.

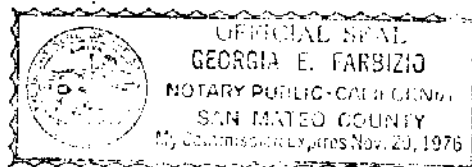
On this 19th day of December, 1972, before me personally appeared James Kasalke, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 19th day of December, 1972.

Georgia E. Farbizio
Notary Public

GEORGIA E. FARBIZIO
Name of Notary, typed or printed

My commission expires: 11-29-76



Royalty Interest Only

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: November 26th. 1972

Name: M.J. Raschko

Address: 9 60 Lefor Drive N.W.

Salem Oregon

STATE OF Oregon

COUNTY OF Marion

} ss.

On this 26th. day of November, 197 2, before me personally appeared M.J. Raschko & Katherine Raschko known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 26th.
day of November, 197 2.

[Signature]
Notary Public

S.C. Scholfield
Name of Notary, typed or printed

My commission expires: 2-26-76

Royalty Interest Only

11-20-72

221

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 2/15/73

Name: Michael A. Rosenthal

Address: 1515 Liberty SE
Salem, Ore 97302

STATE OF OREGON }
COUNTY OF Marion } ss.

On this 15th day of February, 1973,
before me personally appeared Michael A. Rosenthal,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 15th
day of February, 1973.

Patricia P. Rosenthal
Notary Public

Patricia P. Rosenthal
Name of Notary, typed or printed

My commission expires: 1-28-77

Royalty Interest Only

2-1-73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 3, 1973

Name: Patrick P. Rando

Address: 180 Lincoln S

Salem, OR 97302

STATE OF Oregon
COUNTY OF Marian } ss.

On this 3 day of January, 1973,
before me personally appeared Patrick P. Rando,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
is executed the same.

Given under my hand and official seal this 3
day of January, 1973.

Catherine Urban
Notary Public

Catherine Urban
Name of Notary, typed or printed

My commission expires: 11-2-74



Royalty Interest Only

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12-5-72

Name: Dorothy C. Raschko
Vernon F. Raschko

Address: 3236 44th W

SEATTLE, W.N. 98199

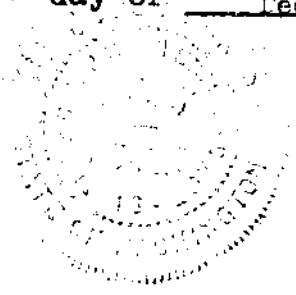
STATE OF Washington

COUNTY OF King

} ss.

On this 5th day of December, 1972, before me personally appeared Vernon F. Raschko and Dorothy C. Raschko known to me to be the persons who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 5th day of December, 1972.


[Signature]
Notary Public

Kim Judson Cross

Name of Notary, typed or printed

My commission expires: February 16, 1976

Royalty Interest Only

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 11, 1972

Name:

Floyd I Ranch
Edward I. Ranch

Address: 780 GLENSIDE LT. E.

ORADELL, N.J. 07649

STATE OF New Jersey }
COUNTY OF Bergen } ss.

On this 11TH day of December, 1972, before me personally appeared FLOYD I. RANCH, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that THEY executed the same.

Given under my hand and official seal this 11TH day of December, 1972.

[Signature]
Notary Public
NOTARY PUBLIC OF NEW JERSEY
MY COMMISSION EXPIRES 11/15/1977

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

433
225

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Jan 23 '73 Name: Janet M. Ruchert *
Address: 1310 - Palmer
Bellingham, WA. 98225

STATE OF Washington }
COUNTY OF Whatcom } ss.

On this 23rd day of January, 1973, before me personally appeared Janet M. Ruchert, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 23rd day of January, 1973.

Carrie L. Kayea
Notary Public

CARRIE L. KAYEA
Name of Notary, typed or printed

My commission expires: February 28, 1976



RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 4 Aug 72 Name: Andrew T. Rial
Address: 1243 - 58601
Dickinson N. Dak.

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 4th day of August, 1972,
before me personally appeared Andrew T. Rial,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 4th
day of August, 1972.

Art Perdue
Notary Public

ART Perdue
Name of Notary, typed or printed

My commission expires: 3-15-75



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

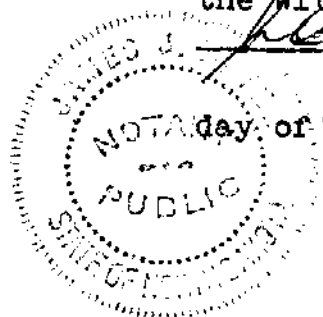
NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8/14/72 Name: Charles H. Riedl
Address: 313 - 1st Ave. W
Dickinson, N.D.

STATE OF N. Dak
COUNTY OF Stark ss.

On this 14 day of August, 1972,
before me personally appeared Charles H. Riedl,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.



Given under my hand and official seal this 14
day of August, 1972
James D. Maeyer
Notary Public

Name of Notary, typed or printed

My commission expires: 5/5/73

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

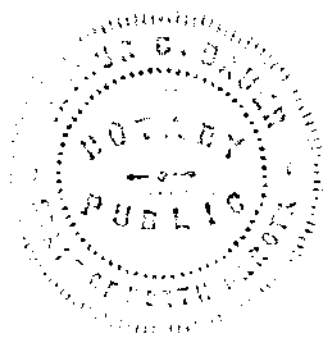
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 24 - 1972 Name: Joe V. Bickel
Gillian M. Bickel
Address: 668 - 5th Ave W
Dickinson N. Dak.

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 25TH day of AUGUST, 1972, before me personally appeared JOE V. BICKEL AND GILLIAN M. BICKEL, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 25TH day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

233
235

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 11. 2 1972

Name: Ernest R. Riehl

Address: 2105 N.E. 1215 St.
Bozeman, Montana 59717

STATE OF Mont

COUNTY OF King

ss.

On this 11 day of Dec, 1972, before me personally appeared Ernest Riehl, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 2 day of Dec, 1972.

Agnes H. Williams
Notary Public

Agnes H. Williams
Name of Notary, typed or printed

My commission expires: 12/20/76

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 1-23-73 Name: T. D. Zimmer
Address: 214 Hidden Empire Bldg.
Billings, MT 59101

STATE OF MONTANA }
COUNTY OF Yellowstone } ss.

On this 23rd day of January, 1973,
before me personally appeared T. D. Zimmer,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 23rd
day of January, 1973.

Janet A. Martinson
Notary Public

Janet A. Martinson
Name of Notary, typed or printed

My commission expires: 4-17-73

Royalty Interest Only

237

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 21 1972

Name: Valentine J. Rohrich or

Address: the administrator of

Johanna Rohrich
estate

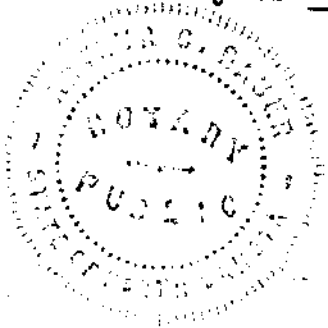
STATE OF NORTH DAKOTA

COUNTY OF KIDDER

SS. STEELE, N. DAK.

On this 21st day of AUGUST, 1972, before me personally appeared Valentine J. Rohrich, 409 W. Edgewood, Bismarck, N.D. known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that HE executed the same.

Given under my hand and official seal this 21st day of August, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9 1975

Royalty Interest Only

221
258

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUG - 8 1972

Name: Ola Nell Ross

Address: 206 S W - 3rd
Land say, Okla

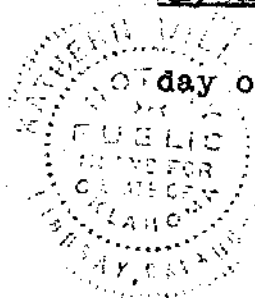
STATE OF Oklahoma

COUNTY OF Harvin

} ss.

On this 8th day of Aug, 1972,
before me personally appeared Ola Nell Ross,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of Aug, 1972.



Kathern Williams
Notary Public

Kathern Williams
Name of Notary, typed or printed

My commission expires: Feb 25, 1974

Royalty Interest Only

237

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Sept 20, 1972

Name: Barbara J. Patton

Address: 3630 51st SW
Seattle Wash 98116

STATE OF Wash }
COUNTY OF King } ss.

On this 20 day of Sept, 1972,
before me personally appeared Barbara J. Patton,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 20
day of Sept, 1972.

Margaret H. Spadafore
Notary Public

Margaret H. Spadafore

Name of Notary, typed or printed

My commission expires: Sept 20, 1973

Royalty Interest Only

2400

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7-10-73

Name: James H. Anderson

Address: Box 4, 1st St

Dickinson, N.D.

STATE OF ND }
COUNTY OF Stark } ss.

On this 10 day of July, 1973,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 10
day of _____, 1973.

Notary Public

DUANE ANDERSON
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JUNE 24 1975

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

61 + 60

127 73

DEC 27 1972

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/21/72 Name: William Rummel
Address: Thibault, Mont

STATE OF Montana }
COUNTY OF Yellowstone } ss.

On this 21st day of December, 1972, before me personally appeared William Rummel, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 21st day of December, 1972.

Grace E. Brown
Notary Public

GRACE E. BROWN
Name of Notary, typed or printed

My commission expires: May 1, 1975

242

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 9 - 1972 Name: Anna Sadowsky
Address: 740 Fairway St.
Dickinson N.Dak.

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 9th day of August, 1972,
before me personally appeared Anna Sadowsky,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
She executed the same.

Given under my hand and official seal this 9th
day of August, 1972.



E. A. Uecker
Notary Public
E. A. Uecker,
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 23, 1973
Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only
At 3.00

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 23, 1972

Name: GILBERT E. SYLWISKY

Address: R.R. #1, Box 54

DICKINSON, N. DAK 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 23RD day of AUGUST, 1972,
before me personally appeared GILBERT E. SYLWISKY,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
He executed the same.

Given under my hand and official seal this 23RD
day of AUGUST, 1972.

Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

#40

244

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the ^{royalty} interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This ratification and joinder by undersigned royalty owner, hereafter called "Royalty Owner" (being the owner of royalty interest reserved by him as lessor in oil and gas leases on some lands described in the Plan), is subject to the following:

- (1) Plan of Unitization referred to above is identified as the Plan, copy of which was forwarded under covering letter by C. M. Tarr, Senior Staff Engineer, Continental Oil Company, to Theodore Kellogg, dated 12-11-72.
- (2) Notwithstanding Secs. 4.2 of Part I, 1.1 of Part II, Part III, or other provisions of the Plan, the interest hereby committed to it by Royalty Owner consists only of royalty interests, as defined in Art. 2 of Part I (free of unit expense as provided in Sec. 12.3 of Part II) and does not include any unleased minerals not qualifying as such royalty interest; and it is understood and agreed (and Initial Unit Operator so covenants and warrants for itself and successors, by its signature hereto) that:

- (a) costs and expenses incurred under the plan relating to such unleased minerals shall not be a personal obligation of royalty owner nor a lien upon such minerals, but shall be chargeable only against, and collectible from, production from such authorized by law, not in excess of 7/8ths of such production as provided in Sec. 2.7 of Part I;
- (b) with respect to marketing and handling of royalty owner's share of unitized substances (either from unleased minerals or royalty interest) unit operator and its successors will not permit discrimination adverse to royalty owner with respect to price, marketing or otherwise between royalty owner and other parties to the plan.

- (3) Notwithstanding Art. 3, Part I, or any other provision of the Plan,

execution hereof by royalty owner does not signify acknowledgment of correctness of ownership of interests as set out in Exhibits C. and D. attached to the Plan.

(4) No changes or modifications of the Plan adversely affecting any right or interest of royalty owner shall be valid without such owner's written consent.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: January 17, 1973

Name:

Jacob Schank
Katharena Schank

Address: 232 West Second St.

Dickinson, North Dakota 58601

Royalty Owner

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 17th day of January, 1973, before me personally appeared Jacob Schank and Katharena Schank, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 17th day of January, 1973.

Margaret Wolf

Notary Public

Margaret Wolf

My Commission expires: 8-1-75.

Name of Notary, typed or printed
Stark County, North Dakota

ATTEST:

~~XXXXXX~~

~~XXXXXXXXXXXXXXXXXXXX~~

CONTINENTAL OIL COMPANY - Unit Operator

Dated:

~~XXXXXX~~ By:

R. L. Adams

Attorney - in - Fact

STATE OF TEXAS

COUNTY OF HARRIS

ss.

On this 12th day of January, 1973, before me personally appeared R. L. Adams, Attorney - in - Fact of Continental Oil Company, The Corporation, known to me to be the described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 12th day of January, 1973.

Doris Marlett

Notary Public

Doris Marlett

Name of Notary; Typed or Printed

Doris Marlett
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1973

My Commission expires

246

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-17-72

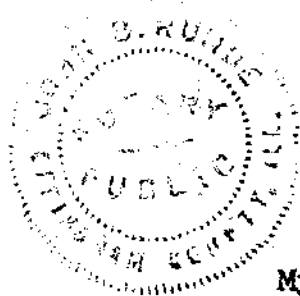
Name: J. M. Schultz Investment Co.
J. M. Schultz Investment Co.

Address: 17
Dietrich, TX 75424

STATE OF Illinois }
COUNTY OF Effingham } ss.

On this 17th day of August, 1972,
before me personally appeared John H. Schultz,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 17th
day of August, 1972.



John B. Runde
Notary Public
John B. Runde
Name of Notary, typed or printed

My commission expires: November 30, 1975

Royalty Interest Only

257

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name

Anton J. Schmitt

Address:

442 2nd St. S.E.
Dickinson, N. Dak. 58601

STATE OF

North Dakota

COUNTY OF

Stark

ss.

On this 28th day of July, 1972,
before me personally appeared Anton J. Schmitt
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of July, 1972.

Marguerite Tschida
Notary Public

MARGUERITE TSCHIDA

Notary Public, STARK COUNTY, N. DAK.

My Commission Expires DEC. 1, 1977

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 9-11-72

Name: Johnnie L. Service

Address: 2321 Valley View Rd.
P.O. Edmund, Okla. 73234

STATE OF Oklahoma }
COUNTY OF Oklahoma } ss.

On this 11th day of September, 1972,
before me personally appeared Johnnie L. Service,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 11th
day of September, 1972.

Bertha Annmerging
Notary Public

Name of Notary, typed or printed

BERTHA ANNMERGING NOTARY PUBLIC
MY COM. EXPIRES JAN. 23, 1976

My commission expires: Jan. 23, 1976

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: Shirley Ruth Shapiro

Address: _____

STATE OF Minnesota }
COUNTY OF Hennepin } ss.

On this 31 day of July, 1972, before me personally appeared Shirley Ruth Shapiro & Sidney K. Shapiro, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 31 day of July, 1972.

Maxine Larson
Notary Public

MAXINE LARSON
Notary Public, Hennepin County, Minn.
My Commission Expires April 15, 1973

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: SHELL OIL COMPANY

By

R. L. Freeman, Attorney-in-Fact
1700 Broadway
Denver, Colorado 80202

Dated: October 2, 1972

Address

STATE OF COLORADO)
)
) SS
CITY AND COUNTY OF DENVER)

I, Marilyn J. Wakeham, a Notary Public in and for said County and State, do hereby certify that R. L. Freeman, to me personally known, and known to me to be the same person who executed the foregoing instrument as Attorney-in-Fact of SHELL OIL COMPANY, a corporation, appeared before me this day in person and, being first duly sworn, acknowledged that he is the Attorney-in-Fact of said corporation, and that said instrument was signed and delivered in behalf of said corporation by authority of its Board of Directors, and further acknowledged said instrument and his execution thereof to be the free and voluntary act and deed of said corporation, and his own free and voluntary act and deed, for the uses, purposes and consideration therein expressed.

Given under my hand and official seal October 4, 1972

My Commission Expires:
July 2, 1975

Marilyn J. Warburton
Notary Public

My COMMISSION expires.

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8.8.74

Name: E. J. Skinner & Virginia L. Skinner

Address: 2025 Kottelwagner Ave

Minneapolis, Minn. 55401

STATE OF Montana
COUNTY OF Missoula } ss.

On this 24 day of August, 1974, before me personally appeared E. J. Skinner & Virginia L. Skinner, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 8 day of August, 1974.

William L. Boudier
Notary Public

William L. Boudier
Name of Notary, typed or printed

My commission expires: 12 18 74

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 7 10 1973

Name: Ervin P. Weiler

Address: Dickinson, N.D. 58601

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 10 day of January, 1973,
before me personally appeared Ervin P. Weiler,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 10
day of January, 1973.

Ervin P. Weiler
Notary Public

ERVIN P. WEILER
Name of Notary, typed or printed

My commission expires: August 1st 1976

Royalty Interest Only

216

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned, provided, however, it is understood and agreed that the portion of the interest of the undersigned which is considered a working interest under such plan and the laws of the State of North Dakota shall be a carried interest with the unit operator entitled to receive income attributable to such working interest until it has been reimbursed for the costs and expenses attributed to such working interest under such unit agreement, but not entitled to receive any advance of funds from the undersigned.

Dated: December 1, 1972

Name: *Hudson Smart*

Hudson Smart

Address : P. O. Box 1440, Abilene, Texas 79604

THE STATE OF TEXAS)
 (ss.
COUNTY OF TAYLOR)

On this 1st day of December, 1972, before me personally appeared HUDSON SMART, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

GIVEN under my hand and official seal this 1st day of December, 1972.

Felma S. Conder
Notary Public, Taylor County, Texas

FELMA S. CONDER
NOTARY PUBLIC
TAYLOR COUNTY, TEXAS

7-11-18

Hudson Smart

Working Interest (Carried)

256

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 22, 1972

Name: *C. C. Spencer*

C. C. Spencer

Address: P. O. Box 20674

Billings, Montana 59102

STATE OF Montana

COUNTY OF Yellowstone

} ss.

On this 22nd day of August, 1972,
before me personally appeared C. C. Spencer,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 22nd
day of August, 1972.

Thomas F. Keating
Notary Public for the State
of Montana, Residing at Billings, Montana

Name of Notary, typed or printed

My commission expires: May 15, 1973

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

STATE LAND DEPARTMENT
STATE LAND COMMISSIONER
Dated: Sept 28, 1972 Name: Albert Schmalenberger
Address: ALBERT SCHMALENBERGER
Bismarck, North Dakota 58501

STATE OF North Dakota }
COUNTY OF Burleigh } ss.

On this 28th day of September, 1972,
before me personally appeared Mr. Albert Schmalenberger,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 28th
day of September, 1972.

Otto Bervik
Notary Public

Notary Public, State of North Dakota
My Comm. Expires 12/31/77

Name of Notary, typed or printed

My commission expires: _____

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 17, 1972

Name: Charles J. Stephens

Address: Rt. 1 Box 66
Dickinson, N. Dakota

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 17th day of August, 1972, before me personally appeared _____ known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 17th day of August, 1972.

George T. Dynes
Notary Public

George T. Dynes
Name of Notary, typed or printed

My commission expires: September 22, 1974

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name: Robert L. Striebel
Betty M. Striebel

Address: New England, N.D.

STATE OF NORTH DAKOTA }
COUNTY OF HETTINGER } ss.

On this 28th day of July, 197 2, before me personally appeared Robert L. Striebel and Betty M. Striebel known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 28th day of July, 197 2.

William R. Striebel
Notary Public

William R. Striebel
Name of Notary, typed or printed

My commission expires: WILLIAM R. STRIEBEL
Notary Public, HETTINGER CO., N. DAK.
My Commission Expires April 20, 1972

Royalty Interest Only
#37

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name:

Fayette K. Stroud, M. D.

Carl W. Stroud, M. D.

Address: Post Office Box 1426

Rancho Santa Fe, California 92067

STATE OF California

COUNTY OF San Diego

ss.

On this 28th day of July, 1972,
before me personally appeared Carl W. and Fayette K. Stroud,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 28th
day of July, 1972.



Kathleen K. Stokes
Notary Public

Kathleen K. Stokes
Name of Notary, typed or printed

My commission expires: April 1, 1976

Royalty Interest Only

7-28-72

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

ATTEST:

NAME: THE SUPERIOR OIL COMPANY

R.T. Ransom
Assistant Secretary

By H.L. Franques
Vice President

Dated: August 23, 1972

Address P.O. Box 1521, Houston, Texas 77601

STATE OF Texas
COUNTY OF Harris } ss.

On this 24th day of August, 1972,
before me personally appeared H.L. Franques
known to me to be the vice President of the corporation
described in and that executed the within instrument, and
acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 24th
day of August, 1972.

Mildred Myers
Notary Public

Name of Notary, Typed or Printed

My commission expires: MILDRED MYERS
Notary Public in and for Harris County, Texas
My Commission Expires June 1, 1973

APPROVED FOR THE SUPERIOR OIL CO.	
DISTRICT	HOUSTON
Engineering	<u>OK</u>
GEOL.	<u>OK</u>
LAND	<u>OK</u>
PRODUCTION	<u>OK</u>
MFG. & SALES	<u>OK</u>
ACCOUNTING	<u>OK</u>
TAX	<u>OK</u>
INSURANCE	<u>OK</u>
LEGAL	<u>OK</u>

APPROVAL COPY

223
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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 8-11-72 Name: W.L. Swan
Address: By Willson Swan, POA
Box 8 Antea, Texas 79313

STATE OF Texas }
COUNTY OF Haskell } ss.

On this 11 day of August, 1972,
before me personally appeared Willson Swan,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 11
day of August, 1972.

Geneva Anderson
Notary Public

Geneva Anderson

Name of Notary, typed or printed

My commission expires: 6x23x 6-1/73

Royalty Interest Only

#69

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 9, 1972 Name: E. E. Lundell
Address: 2130 Pine Street
Okla. City, Okla. 73120

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 9th day of August, 1972,
before me personally appeared E. E. Lundell,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 9th
day of August, 1972.

Frances C. Trummer
Notary Public

FRANCES C. TRUMMER

Name of Notary, typed or printed

My commission expires: 6-14-75

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 31, 1972

Name: John F. Trunk
Mildred M. Trunk

Address: 3200 RUSTON WAY

TACOMA, WASHINGTON 98402

STATE OF WASHINGTON

COUNTY OF PIERCE

ss.

On this 31st day of July, 1972,
before me personally appeared John F. Trunk and Mildred M. Trunk,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
they executed the same.

Given under my hand and official seal this 31st
day of July, 1972.

Jos. E. Hawthorne
Notary Public

JOS. E. HAWTHORNE

Name of Notary, typed or printed

My commission expires: 6-19-74

Royalty Interest Only

420.35

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: December 15th, 1972

Name: G. C. Tunstall

Address: 701 Continental Life Bldg

Ft. Worth, Texas 76102

STATE OF Texas }
COUNTY OF Tarrant } ss.

On this 15 day of December, 1972,
before me personally appeared G. C. Tunstall,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

Given under my hand and official seal this 15th
day of December, 1972.

Norma Ruth Farrow
Notary Public

Norma Ruth Farrow
Name of Notary, typed or printed

My commission expires: June 1, 1973



Royalty Interest Only

Sheet #37

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I, II and III, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and its successors and assigns.

~~ADDRESS~~

NAME: UNION OIL COMPANY OF CALIFORNIA

By *John Hansen* *JS*

Attorney-in-Fact *JS*

Dated: September 11, 1972

Address

P. O. Box 3100

Midland, Texas 79701

STATE OF TEXAS

COUNTY OF MIDLAND

ss.

On this 27th day of September, 1972,

before me personally appeared JOHN HANSEN, known to me to be the Attorney-in-Fact of the corporation described in and that executed the within instrument, and acknowledged to me that such corporation executed the same.

Given under my hand and official seal this 27th day of September, 1972.

John H. Hansen
Notary Public

JOHN HANSEN

Name of Notary, Typed or Printed

My commission expires: June 1, 1973

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug. 2, 1972

Name: Fred D. Vercellino

Address: 244 - 5th St. West,

Dickinson, N.D. 58601

STATE OF NORTH DAKOTA

COUNTY OF STARK

ss.

On this 2nd day of August, 1972, before me personally appeared FRED D. VERCELLINO and MARIE R. VERCELLINO, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 2nd day of August, 1972.

E. A. UECKER
Notary Public

E. A. UECKER,

Notary Public, STARK COUNTY, N. DAK.

My Commission Expires JULY 20, 1973

E. A. UECKER

Name of Notary, typed or printed

My commission expires: July 20, 1973.

Royalty Interest Only

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RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 3, 1972

Name: Audith Vozabal

Address: 2110 N. 1st St. S.E.
Spokane Falls, WA 99121

STATE OF MINNESOTA

COUNTY OF DAKOTA

} ss.

On this 3rd day of AUGUST, 1972,
before me personally appeared JOSEPH W. & AUDITH VOZABAL,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
THEY executed the same.

Given under my hand and official seal this 3rd
day of AUGUST, 1972.

Audrey J. Berg
Notary Public

AUDREY J. BERG

Name of Notary, typed or printed

Notary Public, Dakota County, Minn.

My Commission Expires Nov. 24, 1978.

My commission expires: _____

Royalty Interest Only

271

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 18, 1972

Name: Gordon J. Weir

Address: Box 421, Weir
Dickinson N D

STATE OF NORTH DAKOTA

COUNTY OF STARK

ss.

On this 18th day of August, 197 2,
before me personally appeared

CECELIA J. WEIR
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
SHE executed the same.

Given under my hand and official seal this 18th
day of August, 197 2.

E. A. UECKER
Notary Public

E. A. UECKER

Name of Notary, typed or printed

My commission expires: x July 20, 1973

E. A. UECKER
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

Royalty Interest Only

291
(dup)

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 18 1972

Name: Harlan J Weir by Cecelia J Weir

Address: Cecelia J Weir
Box 427
Dickinson, N. D.

STATE OF NORTH DAKOTA
COUNTY OF STARK } ss.

On this 18th day of August, 1972,
before me personally appeared Cecelia J. Weir,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 18th
day of August, 1972.

E. A. UECKER
Notary Public

E. A. UECKER
Name of Notary, typed or printed

My commission expires: July 20, 1973.

E. A. UECKER,
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug. 7 1972 Name: Mayorie Wilson
Address: P.O. Box 269
Dickinson N.Dak

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 7th day of August, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7th
day of August, 1972.

E. A. UECKER
Notary Public

E. A. UECKER
Name of Notary, typed or printed

My commission expires: July 20, 1973.

E. A. UECKER,
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20 1973

Royalty Interest Only

418

273

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 7, 1972

Name: Elizabeth H. Welch

Address: 725 Briarwood

Abilene, Texas 79603

STATE OF TEXAS

COUNTY OF TAYLOR

} ss.

On this 7th day of August, 1972,
before me personally appeared Elizabeth H. Welch,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 7
day of August, 1972.

Jim M. Haggard
Notary Public

JIM M. HAGGARD

Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

24355

270

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/18/72 Name: John K. Whitney
Address: 6 Lenny Lane
Archbold Park, N.Y.

STATE OF New York }
COUNTY OF Erie } ss.

On this 18th day of December, 1972,
before me personally appeared John K. Whitney,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
he executed the same.

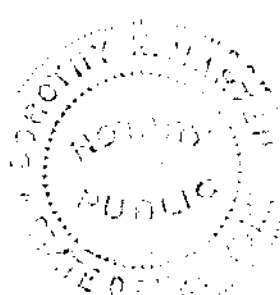
Given under my hand and official seal this 18th
day of December, 1972.

Dorothy K. Marten
Notary Public

Dorothy K. Marten

Name of Notary, typed or printed

My commission expires: March 30, 1974



Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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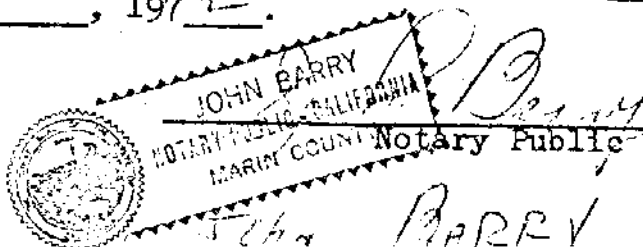
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 10, 1972 Name: Patricia A. Whitney Swaney
Address: 149 Pixley
Corte Madera, Calif

STATE OF CALIFORNIA }
COUNTY OF MARIN } ss.

On this 10th day of August, 1972, before me personally appeared Patricia A. Whitney Swaney, known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that she executed the same.

Given under my hand and official seal this 10th day of August, 1972.



Name of Notary, typed or printed

My commission expires: My Commission Expires July 23, 1973

719

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972

Name: C. J. Winbauer

Address: 1310 N. 16th ST.

Bismarck, N.D. 58501

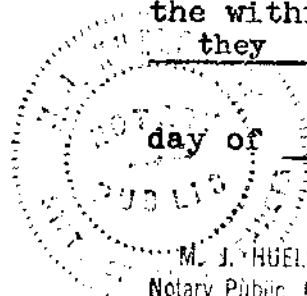
STATE OF North Dakota

COUNTY OF Burleigh

ss.

On this 28th day of July, 197 2, before me personally appeared C. J. Winbauer & Joan M. Winbauer known to me to be the persons who ~~is~~ described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 28th day of July, 197 2.



M. J. HUELSKAMP
Notary Public, BURLEIGH CO., N. DAK.
My Commission Expires APRIL 4, 1974

M. J. Huelskamp
Notary Public

Name of Notary, typed or printed

My commission expires: _____

Royalty Interest Only

713

281

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: March 1, 1973 Name: Margaret Webb
Address: Rt 2, Box 115
Dickinson, North Dakota

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 1st day of March, 1973,
before me personally appeared Margaret Webb,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 1st
day of March, 1973.

Orlene A. Webb
Notary Public

Arlene A. Webb
Name of Notary, typed or printed

My commission expires: 8-20-77

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

NOW, THEREFORE, in consideration of the premises and the provisions contained in said agreement, the undersigned hereby approves, ratifies and joins in said agreement as to all of the interests of the undersigned covered by said agreement to the same effect as though the undersigned had signed and delivered the original of said agreement on the date below set opposite the name of the undersigned.

This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: February 26, 1973 Name: A. L. W. K.
Address: Box 2, Wagon

STATE OF North Dakota }
COUNTY OF STARK } ss.

On this 26th day of February, 1973, before me personally appeared A. L. W. K. and Rose L. W. K., known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that they executed the same.

Given under my hand and official seal this 26th day of February, 1973.

E. A. GECKEN
Notary Public

Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JULY 20, 1973

Name of Notary, typed or printed

My commission expires: July 20, 1973

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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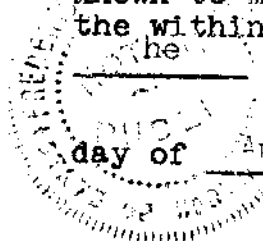
This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: August 16-72 Name: Arthur J. Wolf
Address: Box 2-139 154
Dickinson N. Dak.

STATE OF North Dakota }
COUNTY OF Stark } ss.

On this 16th day of August, 1972,
before me personally appeared Arthur J. Wolf

known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.



Given under my hand and official seal this 16th day of August, 1972.

Frederick O. Wiegner
Notary Public

Frederick O. Wiegner
Name of Notary, typed or printed

My commission expires: February 5, 1977

Royalty Interest Only

22, 13

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: Aug 15 1972

Name: John J. W. P.

Address: 320 South Main
Dickinson N. Dak.

STATE OF North Dakota

COUNTY OF Stark

ss.

On this 15th day of Aug, 1972, before me personally appeared John J. W. P. known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that he executed the same.

Given under my hand and official seal this 15th day of Aug, 1972.

[Signature]
Notary Public

Name of Notary, typed or printed

My commission expires:

R. J. ROSHAU

Notary Public, STARK COUNTY, N. DAK.

My Commission Expires Feb. 5, 1977

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 2/26/73 Name: Renew Wolff
Address: 215 North 13th St
Bismarck, N.D.

STATE OF North Dakota }
COUNTY OF Burleigh } ss.

On this 26 day of February, 1973,
before me personally appeared Renew Wolff,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
executed the same.

Given under my hand and official seal this 26
day of February, 1973.

Carlyle J. Reeff
Notary Public

CARLYLE J. REEFF
Name of Notary, typed or printed

My commission expires: Notary Public, BURLEIGH CO., N.D.
My Commission Expires OCT. 10, 1978

Royalty Interest Only

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 10-23-72 Name: Fred H. Wurden
Address: 1355 Grand Ave.
Billings, Montana
59102

STATE OF MONTANA }
COUNTY OF YELLOWSTONE } ss.

On this 23rd day of OCTOBER, 1972, before me personally appeared FRED H. WURDEN known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that HE executed the same.

Given under my hand and official seal this 23rd day of OCTOBER, 1972.

[Signature]
Notary Public
J. E. TAYLOR
Name of Notary, typed or printed

My commission expires: 6-6-74

734

11-57

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: July 28, 1972 Name: Viola L. Gounger
Address: 2602 Carol Dr
Big Spring, Tex 79620

STATE OF Texas }
COUNTY OF Stark } ss.

On this 28th day of July, 1972,
before me personally appeared _____,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
_____ executed the same.

Given under my hand and official seal this 28th
day of July, 1972.



Ellen Jennings
Notary Public

Ellen Jennings
Name of Notary, typed or printed

My commission expires: June 1, 1973

Royalty Interest Only

2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61

291
291

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: AUGUST 24, 1972

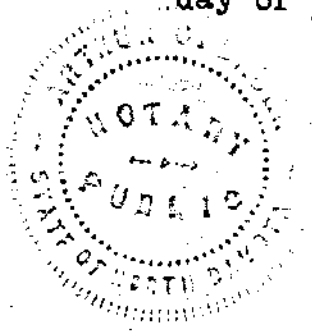
Name: Norman J. Zander
Marie E. Zander

Address: RTE 1, Box 69
DICKINSON, N. DAK. 58601

STATE OF NORTH DAKOTA }
COUNTY OF STARK } ss.

On this 24TH day of AUGUST, 1972, before me personally appeared VERNON J. ZANDER AND MARIE E. ZANDER known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that THEY executed the same.

Given under my hand and official seal this 24TH day of AUGUST, 1972.



Arthur C. Bauer
Notary Public

ARTHUR C. BAUER
Name of Notary, typed or printed

My commission expires: JUNE 9, 1975

Royalty Interest Only

72, 8, 9

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
 DICKINSON HEATH SAND UNIT
 STARK COUNTY, NORTH DAKOTA

APR	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
MAR - 7 1973																														
CA	KVM	DWA	DWJ	JEP	LKR																									

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: February 28, 1973

Name: Paul S. Johnson

Address: Midland, N. Dakota
Rt 1 Box 159

STATE OF North Dakota

COUNTY OF McLean

ss.

On this 28th day of February, 1973, before me personally appeared PAUL S. JOHNSON known to me to be the person who is described in and who executed the within and foregoing instrument, and acknowledged to me that THEY executed the same.

Given under my hand and official seal this 28th day of FEBRUARY, 1973.

David L. Althoff
 Notary Public

DAVID L. ALTHOFF
 Name of Notary, typed or printed

My commission expires: My Commission Expires Sept. 30, 1976

Royalty Interest Only

295

RATIFICATION AND JOINDER OF PLAN OF UNITIZATION
DICKINSON HEATH SAND UNIT
STARK COUNTY, NORTH DAKOTA

WHEREAS, the undersigned is the owner of an interest in oil and gas covered by the Plan of Unitization, Parts I and II, Dickinson Heath Sand Unit, dated January 1, 1972, covering lands in Stark County, North Dakota. The undersigned hereby acknowledges receipt of a copy of said agreement and desires to ratify and join in said agreement.

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This Ratification and Joinder shall be binding upon the undersigned and their heirs, devisees, successors and assigns.

Dated: 12/8/72 Name: Gladys Zimmerman
Address: _____

STATE OF North Dakota }
COUNTY OF Stark } ss.

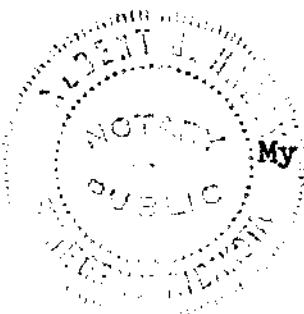
On this 8th day of December, 1972,
before me personally appeared Gladys Zimmerman,
known to me to be the person who is described in and who executed
the within and foregoing instrument, and acknowledged to me that
she executed the same.

Given under my hand and official seal this 8th
day of December, 1972.

Albert T. Harder
Notary Public

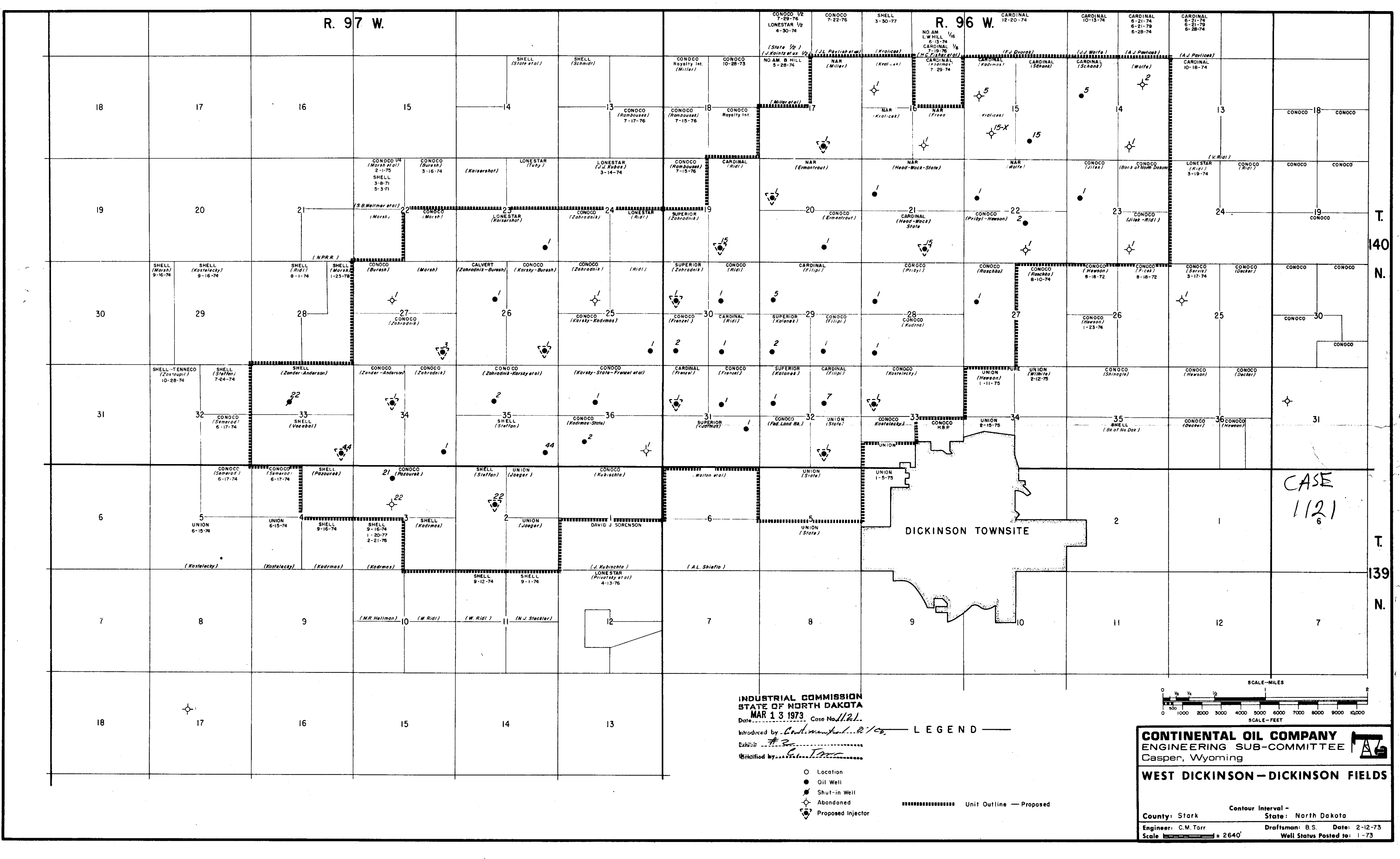
Albert T. Harder
Name of Notary, typed or printed

My commission expires: Aug. 1, 1973



Royalty Interest Only

12-1-75



INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Mar 13 1973 Case No. 1121

Introduced by Continental Oil Co.

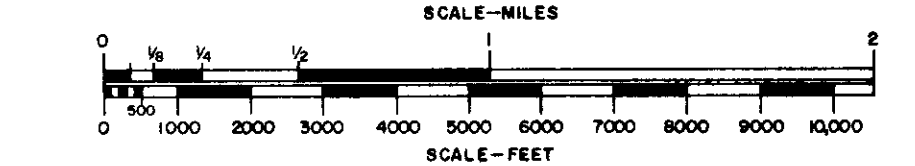
Exhibit #2

Classified by C. Tarr

LEGEND

- Location
- Oil Well
- ⊕ Shut-in Well
- ⊙ Abandoned
- ⊙ Proposed Injector

----- Unit Outline ----- Proposed



CONTINENTAL OIL COMPANY
ENGINEERING SUB-COMMITTEE
Casper, Wyoming

WEST DICKINSON - DICKINSON FIELDS

County: Stark State: North Dakota
Engineer: C.M. Tarr Draftsman: B.S. Date: 2-12-73
Scale: 1" = 2640' Well Status Posted to: 1-73



SHELL OIL COMPANY

1700 BROADWAY
DENVER, COLORADO 80202

March 7, 1973

Subject: Pool 2336
Proposed Dickinson-Heath
Sand Unit
Township 139 & 140 North
Ranges 96 & 97 West
Dickinson Field
Stark County, North Dakota

Reply to: E. C. Lowe

Industrial Commission of the
State of North Dakota
Capitol Building
Bismarck, North Dakota 58501

Gentlemen:

Relative to the Application of Continental Oil Company for an order prescribing certain administrative procedures and special operating rules for the proposed unit captioned above, please be advised that Shell Oil Company concurs, without exception, to such Application and the provisions thereof.

The above approval is particularly relative to the March 13, 1973, hearing before the Industrial Commission of North Dakota concerning this matter.

Yours very truly,

E. C. Lowe

For: R. L. Freeman
Division Land Manager
Rocky Mountain Division

ECL:sew



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BEFORE THE INDUSTRIAL COMMISSION
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF THE APPLICATION)
OF CONTINENTAL OIL COMPANY FOR AN)
ORDER PRESCRIBING CERTAIN ADMINI-)
STRATIVE PROCEDURES AND SPECIAL)
OPERATING RULES FOR THE PROPOSED)
DICKINSON HEATH SAND UNIT LOCATED)
IN TOWNSHIPS 140 AND 139 NORTH,)
RANGE 97 WEST, AND TOWNSHIP 140)
NORTH, RANGE 96 WEST, STARK)
COUNTY, NORTH DAKOTA.)

A P P L I C A T I O N

COMES NOW THE APPLICANT, Continental Oil Company, a corpo-
ration duly authorized to do business in the State of North Dakota,
and respectfully applies for an order prescribing certain administra-
tive procedures and special operating rules for the proposed Dickinson
Heath Sand Unit of Stark County, North Dakota.

I.

Applicant has been designated as unit operator under the
proposed plan of unitization.

II.

Applicant proposes that in order to promote the efficient
operation of the proposed unit, the Commission should prescribe cer-
tain administrative procedures and special rules relating to (a)
authorization to inject water into the Heath Sand Formation underlying
the Dickinson Heath Unit by the unit operator for the purpose of in-
creasing oil recovery, (b) the location of all producing wells and
injection wells drilled or converted after the effective date of the
rule should be subject to the approval of the State Geologist. Fur-
ther that in order to assure the optimum location of producing wells
and injection wells for the most efficient operation of the project,
the unit operator should be allowed to drill wells at any location
within the Dickinson Heath Sand Unit area as the same is now or may

hereafter be defined, provided no well is located closer than 500' from the Dickinson Heath Sand Unit boundary lines, (c) it is desirable that all unit wells be exempt from any Commission rule or order providing for gas-oil ratio surveys or production tests, (d) in order to maintain surveillance of bottom hole pressure performance, the unit operator plans to observe pumping bottom hole pressures from time to time as deemed necessary.

III.

The applicant respectfully requests that authority be granted at this time to covert the following wells to water injection after the effective date of the unit:

North American Royalties Miller No. 1

SW $\frac{1}{4}$ SE $\frac{1}{4}$ -17-140-96

Elevations: 2521 Ground, 2533 RBM

Surface Casing: 8 5/8" 24 #/ft at 618' w/350 sacks

Production Casing: 5 1/2" at 8043' w/350 sacks

Perforations: 7922'-26', 7927'-29', 7930'-32' w/2 JPF

North American Royalties Ermantrout No. 1

SW $\frac{1}{4}$ NW $\frac{1}{4}$ -20-140-96

Elevations: 2594 Ground, 2606 RBM

Surface Casing: 8 5/8" at 625' w/350 sacks

Production Casing: 5 1/2" OD at 8093' w/350 sacks

Perforations: 7978'-82', 7985'-88' w/2 JPF

Cardinal Petroleum Ridl 15-19

SW $\frac{1}{4}$ SE $\frac{1}{4}$ -19-140-96

Elevations: 2522' ground, 2532' RBM

Surface Casing: 8 5/8" OD at 609' w/325 sacks

Production Casing: 5 1/2" OD, 15.5 #/ft and 17 #/ft, J-55 and N-80 at 8080' w/265 sacks

Perforations: 7902'-07', 7926'-28' w/4 JPF

Cardinal Petroleum Head Wock 15-21

SW $\frac{1}{4}$ SE $\frac{1}{4}$ -21-140-96

Elevation: 2559' Ground, 2571' RBM

Surface Casing: 8 5/8" OD at 617' w/350 sacks

Production Casing: 5 1/2" OD, 15.5 and 17 #/ft J-55 and N-80 at 8124' w/350 sacks

Perforations: 7938'-42' w/4 JPF

Union Oil Co. State No. 1

SW $\frac{1}{4}$ SE $\frac{1}{4}$ -32-140-96

Elevation: ' Ground, 2493' RBM

Surface Casing: 8 5/8" OD at 676' w/400 sacks

Production Casing: 5 1/2" OD at 8009' w/455 sacks

Perforations: 7814'-7838'

Continental Oil Company Kostelecky No. 4

SW $\frac{1}{4}$ NW $\frac{1}{4}$ -33-140-96

Elevation: 2475' Ground, 2487' RBM

Surface Casing: 9 5/8" OD 32.3 # at 627' w/500 sacks
Production Casing: 5 1/2" OD 14 # and 15.5 and 17 # J-55
at 7990' w/250 sacks
Perforation: 7815'-18' w/4 JPF

Continental Oil Co. Zahradnik No. 3
SE $\frac{1}{4}$ SE $\frac{1}{4}$ -27-140-97
Elevation: 2542' Ground, 2555 RBM
Surface Casing: 8 5/8" OD 24# at 595' w/400 sacks
Production Casing: 5 1/2" OD 14 #, 15.5 and 17 # J-55 and
N-80 at 8045' w/690 sacks
Perforations: 7930'-32', 7941'-43', w/4 JPF

Continental Oil Co. Karsky Buresh No. 1
SE $\frac{1}{4}$ SE $\frac{1}{4}$ -26-140-97
Elevation: 2533' Ground, 2545' RBM
Surface Casing: 8 5/8" OD 24 #/ft at 618' w/400 sacks
Production Casing: 5 1/2" OD, 14 #/ft, 15.5 #/ft and 17
#/ft J-55 and N-80 at 8049' w/700
sacks
Perforations: 7934'-36' w/4 JPF

Superior Oil Co. Zahradnik No. 1
SW $\frac{1}{4}$ NW $\frac{1}{4}$ -30-140-96
Elevation: ' Ground, 2569' RBM
Surface Casing: 8 5/8" OD at 625' w/410 sacks
Production Casing: 5 1/2" OD at 8150' w/320 sacks
Perforations: 7972'-75'

Cardinal Petroleum Frenzel Federal Land Bank 5-31
SW $\frac{1}{4}$ NW $\frac{1}{4}$ -31-140-96
Elevation: 2499' Ground, 2509' RBM
Surface Casing: 8 5/8" OD at 613' w/355 sacks
Production Casing: 5 1/2" OD, 7965' w/265 sacks
Perforations: 7812'-18' w/4 JPF

Shell Oil Co. Vozabel 44-33
SE $\frac{1}{4}$ SE $\frac{1}{4}$ -33-140-97
Elevation: ' Ground, 2452' RBM
Surface Casing: 8 5/8" at 649' w/425 sacks
Production Casing: 5 1/2" OD at 8042' w/500 sacks
Perforations: 7894'-95', 7901'-05', 7910'-16' w/2 JPF

Continental Oil Co. Zander Anderson No. 1
SE $\frac{1}{4}$ NW $\frac{1}{4}$ -34-140-97
Elevation: 2472' Ground, 2484' RBM
Surface Casing: 8 5/8" 24 #/ft J-55 at 610' w/500 sacks
Production Casing: 5 1/2" 14, 15.5 and 17 #/ft J-55 and
N-80 at 7963' w/500 sacks
Perforations: 7853'-55', 7957'-58' w/4 JPF

Shell Oil Co. Steffan 22-2
SE $\frac{1}{4}$ NW $\frac{1}{4}$ -2-139-97
Elevations: ' Ground, 2464' RBM
Surface Casing: 9 5/8" OD at 1034' w/790 sacks
Production Casing: 5 1/2" OD at 8000' w/700 sacks
Perforations: 7774'-82' w/2 JPF

IV.

Attached hereto and made a part hereof is a plat showing

1 the location of the input wells and the location of oil and gas wells
2 including abandoned wells and dry holes.

4 V.

6 That the names of operators and owners within one-half
8 mile of the input wells are as follows:

7 Continental Oil Company, 1755 Glenarm Place, Denver, Colo.
8 Lone Star Producing Company, 301 S. Harwood St., Dallas,
9 Texas

10 Cardinal Petroleum Company, P.O. Box 1077, Billings, Mont.
11 North American Royalties, Inc., Chattanooga, Tenn.

12 Louis W. Hill, Jr., W 1453 First National Bank Bldg., St.
13 Paul, Minn.

14 Shell Oil Company, 1700 Broadway, Denver, Colo.

15 Union Oil Company of California, P.O. Box 3100, Midland, Tex.

16 David J. Sorenson, P.O. Box 1453, Roswell, N. Mex.

17 VI.

18 That attached hereto and made a part of this application
19 are logs of the input wells.

20 VII.

21 That Continental Oil Company is the operator of the pro-
22 ject.

23 VIII.

24 That water is to be used for injection. That the source
25 of the water is the Dakota Sand found at depths between 5640' and
26 5750' in the Continental Ridl Well No. 1. That such water is salty
27 and is unfit for human or livestock consumption or for agricultural
28 purposes. That initially total injection will be in the range of
29 18,000 barrels per day, which will be reduced to approximately 10,000
30 barrels per day after approximately two years.

31 IX.

32 It is requested that the Commission include in its Order
33 such other matters as the Commission deems appropriate under the cir-
34 cumstances.

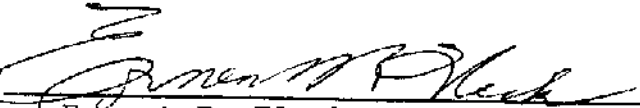
35 WHEREFORE this applicant prays that the matter be set for
36 hearing before the Industrial Commission of the State of North Dakota

1
2 at its regular monthly meeting on March 13, 1973, and that thereafter
3 it issue an Order in accordance with this application.

4 Dated at Bismarck, North Dakota this 12th day of February,
5 1973.

6
7 CONTINENTAL OIL COMPANY

8 FLECK, MATHER, STRUTZ & MAYER, Ltd.
9 Attorneys for the Applicant
10 Suite 200, Professional Bldg.
11 Bismarck, North Dakota 58501

12 By 

13 Ernest R. Fleck
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STATE OF NORTH DAKOTA)
 : ss
COUNTY OF BURLEIGH)

AFFIDAVIT OF MAILING

I hereby certify that the following list contains the names and last known addresses of every operator to whom a copy of the attached Application (except electric logs) was mailed, postage prepaid, by deposit in the United States post office at Bismarck, North Dakota, on the 14th day of February, 1973:

Continental Oil Company
1755 Glenarm Place
Denver, Colorado 80202

Lone Star Producing Company
301 South Harwood Street
Dallas, Texas 75201

Cardinal Petroleum Company
P. O. Box 1077
Billings, Montana 59101

North American Royalties, Inc
Chattanooga, Tennessee 37402

Shell Oil Company
1700 Broadway
Denver, Colorado 80202

Louis W. Hill, Jr.
W 1453 First National Bank Bldg.
St. Paul, Minnesota

David J. Sorenson
P. O. Box 1453
Roswell, New Mexico

Union Oil Company of California
P. O. Box 3100
Midland, Texas 79701


Joan Nelson

subscribed and sworn to before me this 14th day of February, 1973.

(SEAL)


V. M. Flemmer, Notary Public
Burleigh County, North Dakota
My Commission Expires: 10-1-76

LOGS (13)

(SEE LOGS IN CASE FILE)

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BEFORE THE INDUSTRIAL COMMISSION
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF THE APPLICATION)
OF CONTINENTAL OIL COMPANY FOR AN)
ORDER FINDING THAT THE PLAN OF)
UNITIZATION FOR THE DICKINSON)
HEATH SAND UNIT HAS BEEN SIGNED,)
RATIFIED OR APPROVED BY LESSEES)
AND ROYALTY OWNERS OWNING THE)
REQUIRED PERCENTAGE INTEREST IN)
AND TO THE UNIT AREA OF THE)
SAID UNIT, WHICH UNIT IS LOCATED)
IN TOWNSHIPS 140 AND 139 NORTH,)
RANGE 97 WEST, AND TOWNSHIP 140)
NORTH, RANGE 96 WEST, STARK)
COUNTY, NORTH DAKOTA.)

A P P L I C A T I O N

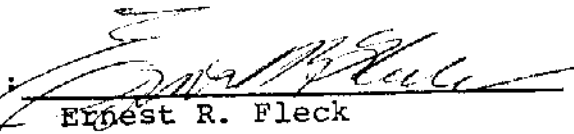
CASE 1121

COMES NOW THE APPLICANT, Continental Oil Company, and
respectfully requests that the Industrial Commission of the State of
North Dakota set the captioned matter for hearing at the regular
March meeting of the North Dakota Industrial Commission, and that at
such time the Commission determine whether or not the plan of uniti-
zation for the Dickinson Heath Sand Unit has been signed, ratified
or approved by lessees and royalty owners owning the required per-
centage interest in and to the said unit area in accordance with the
provisions of Section 38-08-09.5, North Dakota Century Code.

Dated at Bismarck, North Dakota this 30th day of January,
1973.

CONTINENTAL OIL COMPANY

FLECK, MATHER, STRUTZ & MAYER, Ltd.
Attorneys for Continental Oil
Company
Suite 200 Professional Bldg.
Bismarck, North Dakota 58501

By: 
Ernest R. Fleck

AFFIDAVIT OF PUBLICATION

STATE OF NORTH DAKOTA, }
County of Burleigh. } ss.

Nancy Bethke, being duly sworn,
says that she is a clerk of the Bismarck Tribune Company and that
the annexed printed copy of

Notice of Publication

ND Industrial Commission

was taken from The Bismarck Tribune, a daily newspaper, which
during the whole time of publication of said notice hereinafter
stated, has been, and was printed and published in the City of
Bismarck, County of Burleigh, and State of North Dakota. That
the said notice was published in said newspaper on the following

dates: 2/27

in each and every issue of the full number thereof, commencing
on the 27 day of February 19 73, and
ending on the 27 day of February 19 73,
upon which days or times of publication aforesaid the said news
paper was regularly published.

Nancy Bethke
Subscribed and sworn to before this 2 day of
March A. D. 19 73.

Paul J. Patera
Notary Public, Burleigh County, N. D.

My commission expires March 24, 1976

Cost of Publication, \$ 5.76

PAUL J. PATERA
Notary Public, BURLEIGH CO., N. Dak.
My Commission Expires Mar. 24, 1976.

NOTICE OF PUBLICATION N.D. INDUSTRIAL COMMISSION BISMARCK, NORTH DAKOTA

The State of North Dakota by its Industrial Commission hereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following public hearing to be held at 9:30 a.m. on 13 March 1973, in the Auditorium of the State Highway Building, State Capitol Grounds, Bismarck, North Dakota.

STATE OF NORTH DAKOTA TO:

All named parties and persons having any right, title, interest, or claim in the following case and notice to the public. CASE NO. 1121: On a motion of the Commission to consider the application of Continental Oil Company for an order finding that the plan of unitization for the Dickinson Heath Sand Unit has been signed, ratified or approved by lessees and royalty owners owning the required percentage interest in and to the Unit Area of said unit, which unit is located in Townships 140 and 139 North, Range 97 West and Township 140 North, Range 96 West, Stark County, North Dakota. And prescribing certain administrative procedures and special operating rules for the proposed unit.

N.D. INDUSTRIAL
COMMISSION
Arthur A. Link
Governor

2/27 - 11004

3/9/73
HAROLD NELSON
State Printer

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M1-9

CERTIFICATE OF PUBLICATION

THE DICKINSON PRESS
Dickinson, North Dakota

STATE OF NORTH DAKOTA, }

County of Stark. }

Jean Sherer

, of said state and county, being first duly sworn, on oath says: That s he is the Bookkeeper of the Dickinson Press, Inc., publisher of THE DICKINSON PRESS, a daily newspaper of general circulation, printed and published at Dickinson, in said county and state, and has been such during the time hereinafter mentioned; and that advertisement headed Notice Of Publication N. D. Industrial Commission Bismarck, North Dakota

a printed copy of which is hereunto annexed, was printed and published in THE DICKINSON PRESS, and in the regular and entire issue of each and every number 1 consecutive weeks, commencing on the 27 day of February A. D. 1973, and ending on the 27 day of February A. D., 1973, both inclusive.

Sworn to and subscribed to before me this 27 day of Feb A. D. 1973.

Ed J. Hauck

Notary Public, Stark County, N. Dak.
My Commission Expires June 7, 1978

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N. D. INDUSTRIAL COMMISSION
Arthur A. Link, Governor
(Published February 27, 1973)

\$ 4.96
Date 3/8/73

HAROLD NELSON
State Printer