BEFORE THE INDUSTRIAL COMMISSION

OF THE STATE OF NORTH DAKOTA

CASE NO. 5876 ORDER NO. 6802

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE TEMPORARY SPACING FOR THE DEVELOPMENT OF AN OIL AND/OR GAS POOL DISCOVERED BY THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SW NW OF SECTION 16, T.161N., R.95W., DIVIDE COUNTY, NORTH DAKOTA, DEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY.

ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 9:00 a.m. on the 23rd day of February, 1994, in Bismarck, North Dakota, before an examiner appointed by the Industrial Commission of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 3rd day of March, 1994, the Director, as authorized by the Commission, 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 counsel for Samedan Oil Corporation requests that this case be continued to the regularly scheduled hearing on March 23, 1994.
 - (3) That there were no objections to said request.
- (4) That this case should be continued to the regularly scheduled hearing on March 23, 1994.

IT IS THEREFORE ORDERED:

(1) That this case is hereby continued to the regularly scheduled hearing on March 23, 1994.

Dated this 3rd day of March, 1994.

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

By the Director, on behalf of the Commission.

/s/ Wesley D. Norton, Director

BEFORE THE INDUSTRIAL COMMISSION

OF THE STATE OF NORTH DAKOTA

CASE NO. 5876 (CONTINUED) ORDER NO. 6817

IN THE MATTER OF A HEARING CALLED ON A MOTION OF THE COMMISSION TO CONSIDER THE TEMPORARY SPACING FOR THE DEVELOPMENT OF AN OIL AND/OR GAS POOL DISCOVERED BY THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SW NW OF SECTION 16, T.161N., R.95W., DIVIDE COUNTY, NORTH DAKOTA, DEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY.

TEMPORARY ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 9:00 a.m. on the 23rd day of March, 1994, in Bismarck, North Dakota, before an examiner appointed by the Industrial Commission of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 31st day of March, 1994, 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 geological and engineering evidence presented to the Commission relative to the matter of well spacing indicates that the Sadler-Bakken Pool, as classified and defined in this order, should be developed on a pattern of one well to 160 acres in order to drain efficiently the recoverable oil from said pool, assure rapid development, avoid the drilling of unnecessary wells, and prevent waste in a manner that will protect correlative rights.
- (3) That temporary 160-acre spacing in the Bakken Pool in this field will result in the efficient and economical development of the field as a whole and will operate so as to prevent waste and provide maximum ultimate recovery, will avoid the drilling of unnecessary wells, and will protect correlative rights.
- (4) That the unrestricted flaring of gas produced from the Sadler-Bakken Pool could be considered waste, and in order to minimize such, production from the pool should be restricted until the wells producing therefrom are connected to a gas gathering and processing facility.
- (5) That certain special field rules are necessary to prevent waste and protect against the contamination and pollution of surface lands and

fresh waters.

IT IS THEREFORE ORDERED:

(1) That the following described tracts of land in Divide County, North Dakota, be, and the same are hereby designated the Sadler Field:

TOWNSHIP 161 NORTH, RANGE 95 WEST, 5TH PM
ALL OF SECTIONS 16 AND 17, THE S/2 OF SECTION 8 AND 9, AND
THE N/2 OF SECTIONS 20 AND 21,

together with those additional quarter sections or governmental lots corresponding thereto as may be proven productive by wells drilled on lands within one mile of the boundaries of the field as set forth above, provided further that such extensions of the field boundaries shall include only sufficient acreage to form a spacing unit for such wells, and any intervening lands.

- (2) That the Sadler-Bakken Pool be, and the same is hereby defined as that accumulation of oil and gas found in the interval from below the base of the Lodgepole Formation to above the top of the Three Forks Formation within the limits of the field as set forth above.
- (3) That effective this date, the temporary spacing for the development of the Sadler-Bakken Pool be, and the same is hereby set at one well to 160 acres.
- (4) That all wells hereafter drilled to said pool shall be located not less than 500 feet from a spacing unit boundary nor closer than 1650 feet to a well permitted to or producing from the pool. Wells presently permitted to or producing from the pool that do not conform to this spacing pattern shall be considered exceptions.
- (5) That spacing units for the Sadler-Bakken Pool shall consist of a governmental quarter section, or governmental lots corresponding thereto, as determined by governmental survey.
- (6) That no well shall be drilled hereafter in the Sadler-Bakken Pool except in conformity with the regulations above without special order of the Commission after due notice and hearing.
- (7) That the following rules concerning the casing, tubing and equipping of the wells shall apply to the subsequent drilling and operation of wells in the Sadler-Bakken Pool:
 - (a) The surface casing shall consist of new or reconditioned pipe that has been previously tested to 1000 pounds per square inch. The casing shall be set and cemented at a point not less than 50 feet below the base of the Fox Hills Formation. Sufficient cement shall be used to fill the annular space outside the pipe to the surface of the ground, or the bottom of the cellar, and sufficient scratchers and centralizers shall be used to assure a good cement job. Cement shall be allowed to stand a minimum of 12 hours before drilling the plug or initiating tests;
 - (b) The producing or oil string shall consist of new or reconditioned pipe that has been previously tested to 2000 pounds per square inch. Casing shall be set and cemented at a point not higher than the top of the producing formation, or at a point approved by the Director.

Sufficient cement shall be used and applied in such manner as to adequately protect and isolate all formations containing oil and/or gas, protect the pipe through salt sections encountered, and to isolate the Dakota-Lakota Series. The cement shall be allowed to stand a minimum of 24 hours before drilling the plug or initiating tests. After cementing, the casing shall be tested by application of pump pressure of at least 2000 pounds per square inch. If, at the end of 30 minutes this pressure shall have dropped 150 pounds per square inch or more, the casing shall be repaired. Thereafter, the casing shall again be tested in the same manner. Further work shall not proceed until a satisfactory test has been obtained;

- (c) All well-head fittings and connections shall have a working pressure in excess of that to which they are expected to be subjected; and,
- (d) All wells shall be equipped with tubing; all tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (8) That the gas-oil ratio of each well shall be measured during the months of May and November, and the reservoir pressure of flowing wells shall be measured in the months of May and November, and in pumping wells when the rods are pulled but at least once annually and reported to the Commission within 15 days following the end of the month in which they are determined. Pressure measurements shall be made at or adjusted to a subsea datum of 6280 feet after the well has been shut in for 48 hours. All gas-oil ratios and reservoir pressure determinations shall be made under the supervision of and by methods approved by the Director. The Director is authorized to waive these requirements if the necessity therefor can be demonstrated to his satisfaction.
- (9) That no salt water, drilling mud, crude oil or waste oil shall be stored in pits in this field, except in an emergency, and approved by the Director.
- (10) That multiple completion of wells for the purpose of producing oil and/or gas from the various pools encountered in the Sadler Field, is hereby authorized, subject to the following requirements:
 - (a) Administrative approval may be given by the Director upon the filing of an application in which the applicant states that the requirements described in (b) through (e) below and other applicable rules and orders of the Commission will be complied with;
 - (b) An approved production packer shall be set between each of the producing horizons in a manner which will effectively isolate each during the production process;
 - (c) Production from each producing horizon shall be through separate continuous strings of tubing installed in such a manner with respect to the production packers as will prevent commingling of production in the well bore;
 - (d) An approved well-head of a type which allows independent suspension and packing of the tubing shall be used; and,

- (e) All tubing shall be of sufficient internal diameter to allow the passage of a bottom hole pressure gauge for the purpose of obtaining bottom hole pressure measurements.
- (11) That for the purposes of division of production to owners of interests in spacing units established by this order, and proven productive prior to the date hereof, this order shall be retroactive to the date of first production.
- (12) That all wells in the Sadler-Bakken Pool shall be allowed to produce at an unrestricted rate for a period of 30 days commencing on the first day oil is produced through well-head equipment into tanks from the ultimate producing interval after casing has been run; thereafter, oil production from such wells shall not exceed an average of 100 barrels of oil per day; if and when such wells are connected to a gas gathering and processing facility the foregoing restrictions shall be removed, and the wells shall be allowed to produce at a maximum efficient rate.
- (13) That if the flaring of gas produced with crude oil from the Sadler-Bakken Pool causes, or threatens to cause, degradation of ambient air quality, production from the pool shall be further restricted.
- (14) That this order shall cover all of the Sadler-Bakken Pool, common source of supply of crude oil and/or natural gas as herein defined, and shall continue in full force and effect until the 31st day of October, 1995. That the proper spacing for the pool will be considered by the Commission on or before the regularly scheduled meeting in September, 1995.

Dated this 31st day of March, 1994.

INDUSTRIAL COMMISSION STATE OF NORTH DAKOTA

- /s/ Edward T. Schafer, Governor
- /s/ Heidi Heitkamp, Attorney General
- /s/ Sarah Vogel, Commissioner of Agriculture

NORTH DAKOTA INDUSTRIAL COMMISSION

IL AND GAS DIVISIO

Wesley D. Norton DIRECTOR

F. E. Wilborn ASSISTANT DIRECTOR

Clarence G. Carlson GEOLOGIST

Charles Koch ENGINEERING DEPT.

Doren Dannewitz FIELD SUPERVISOR

Glenn Wollan **RECLAMATION SUP**

March 25, 1994

Mr. John Morrison Fleck Law Firm P.O. Box 2798 Bismarck, ND 58502

CONTINUANCE OF CASE NO. 5876

Dear Mr. Morrison:

Pursuant to Section 43-02-03-90 North Dakota Administrative Code, any person moving for continuance of a hearing, and who is granted the continuance, shall submit twenty-five dollars (\$25.00) to the Industrial Commission to cover the cost of republication for the notice of hearing.

On March 3, 1994, the Industrial Commission entered Order No. 6802 granting the request of Samedan Oil Corporation for a continuance of Case No. 5876 to the March 23, 1994 hearings.

Enclosed is Invoice No. 6796 in the amount of \$25.00. Please submit payment at your earliest convenience.

Sincerely,

Tracy Heilman

Information Processor

th enc. Paid # 2500 H 30817 418/94

LAW OFFICES OF

FLECK, MATHER & STRUTZ, LTD.

400 EAST BROADWAY, SUITE 600

NORWEST BANK BUILDING

P. O. BOX 2798

BISMARCK, NORTH DAROTA 58502

TELEPHONE

TELECOPIER

(701) 223-6585

(701) 222-4853

February 11, 1994

JOHN W. MORRISON DANIEL L. HOVLAND ROBERT J. UDLAND* CURTIS L. WIKE* CHARLES S. MILLER, JR.* CRAIG C. SMITH** SCOTT K. PORSBORG*++ DEENELLE L. RUUD'

ALSO LICENSED IN: "MONTANA *lowa **South DAKOTA

Jack Wilborn Oil & Gas Division NORTH DAKOTA INDUSTRIAL COMMISSION 1022 East Divide Ave. 58501 Bismarck, ND

In re:

<u>Corporation</u> Samedan

5876 Case No.

Dear Jack:

ERNEST R. FLECK

RUSSELL R. MATHER

WARREN H. ALBRECHT, JR.

WILLIAM A. STRUTZ

GARY R. WOLBERG+

PAUL W. SUMMERS

BRIAN R. BJELLA

STEVEN A. STORSLEE*

Please be advised that on February 23, 1994, Samedan Oil Corporation will move that the captioned matter, relating to the temporary spacing for a pool discovered by the Camp Davis State Well, located in Section 16, Township 161 North, Range 95 West, Divide County, North Dakota, be continued until the next regularly scheduled hearings on March 23, 1994. Due to adverse weather conditions and other problems, Samedan has been unable to establish stabilized production from the discovery well. Additional production during the period until March 23, 1994 will enable Samedan to better recommend a temporary spacing pattern for this discovery.

I am advising you of Samedan's intent at this time so the matter can be docketed on the March docket. If you have any questions, please let me know.

Very truly yours,

W. MORRISON

hmr

John Long cc:

Scott Steinke

)	
STATE OF NORTH DAKOTA)	AFFIDAVIT OF MAILING
)	
COUNTY OF BURLEIGH)	
)	

I, Donna Bauer, being duly sworn upon oath, depose and say: That on the 7th day of April, 1994, I enclosed in separate envelopes true and correct copies of the attached Order No. 6817 of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons, all of whom appeared at the hearing of the Industrial Commission in Case No. 5876:

Mr. John Morrison Fleck, Mather & Strutz Ltd. P. O. Box 2798 Bismarck, ND 58502

Mr. Lawrence Bender Pearce & Durick P. O. Box 400 Bismarck, ND 58502

Mr. Scott Steinke Samedan Oil Corp. 1050 17th St. Suite 1100 Denver, CO 80265

> Donna Bauer Oil & Gas Division

On this day of the day of to me known as the person described in and who executed the foregoing instrument and acknowledged that she executed the same as her free act and deed.

Notary Public

State of North Dakota County of Burleigh My Commission expires

SAMEDAN OIL CORPORATION 1050 Seventeenth Street, Suite 1100 Denver, Colorado 80265 (303)534-1533 Fax (303)534-1103

March 15, 1994

Mr. F. E. Wilborn
Deputy Enforcement Officer
North Dakota Industrial Commission
Oil & Gas Division
600 East Boulevard
Bismarck, ND 58505

RE: Camp Davis St. #1-16 NDIC Case #5876

Dear Mr. Wilborn:

Attached, please find Samedan Oil Corporation's exhibits for hearing number 5876 to determine the field rules and spacing for the Camp Davis State #1-16 Bakken pool. Samedan Oil requests that the Bakken pool be spaced on 160 acres and that the Camp Davis St. #1-16 and neighboring leases be included in Sadler Field.

The NDIC ordered on July 1, 1987 (Case No. 4276) that Sadler Field be redefined as SW/4 of Sec 16; S/2 of Sec 17; NE/4 of Sec 20 and NW/4 of Sec 21 in T161N-R95W, Divide County, ND. Quarter sections and governmental lots proven productive by future wells within one mile of the boundaries are to also be included.

Samedan believes that the Madison and Bakken intervals present in the Camp Davis St. #1-16 correlate to those in the Sadler (Madison) Field discovery well, 41-20 Hewer 1, drilled by Condor Petroleum. Furthermore, the Bakken interval present in the 10-8 Fredrickson (SE 8-T161N-R95W) appears to also be correlative.

Samedan Oil Corporation requests that Sadler Field be redefined as the following described tracts of land in Divide County, North Dakota:

Township 161 North, Range 95 West, 5th P.M.
The S/2 of Section 8, the S/2 of Section 9,
all of Section 17, all of Section 16, the NE/4
of Section 20, and the NW/4 of Section 21.

The undersigned will testify on Samedan's behalf. The Law Offices of Fleck, Mather and Strutz, Ltd. will provide legal representation.

Sincerely,

SAMEDAN OIL CORPORATION

Scott Steinke

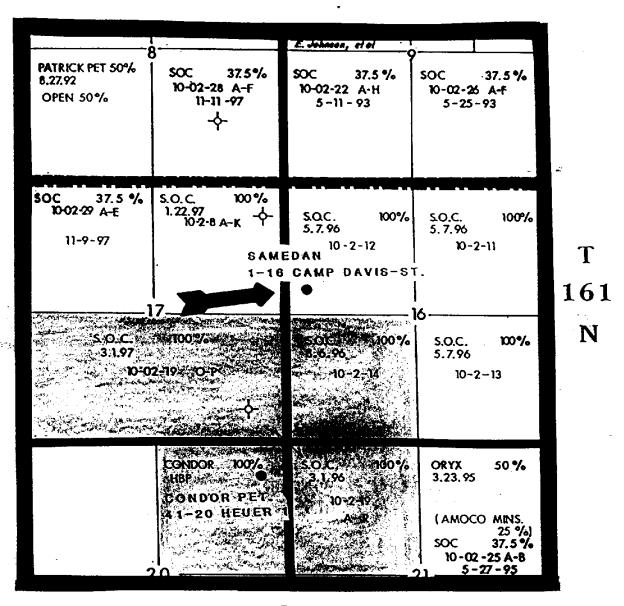
Petroleum Engineer

SS:mf LTR:007

Attachments

SAMEDAN OIL CORPORATION

1050 17th STREET, SUITE 1100 DENVER, CO 80265 (303)534-1533



R 95 W

NORTH DAKOTA INDUSTRIAL COMMISSION

CASE #5876

MARCH 23, 1994

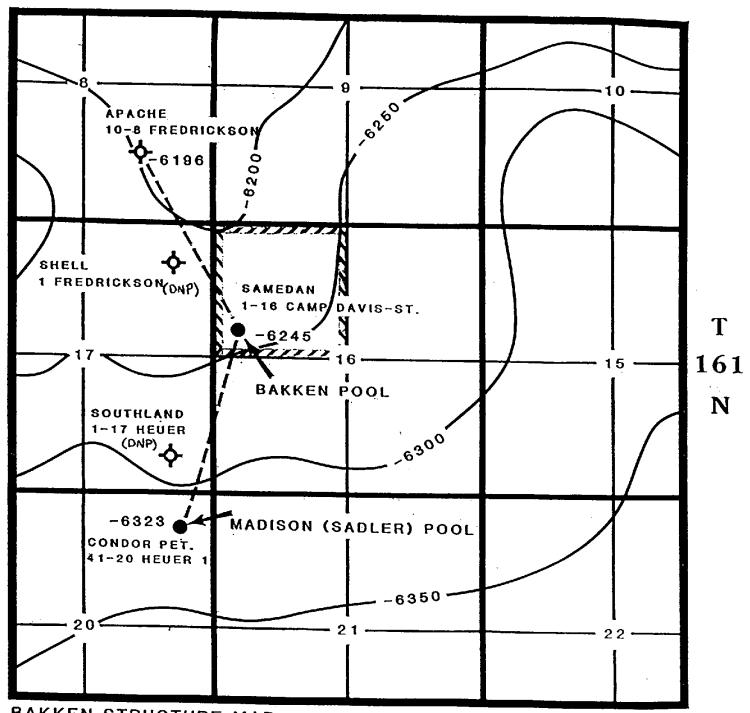
REVISED
Exhibit #1
Lease Ownership Map



Area Included In Original Sadler Field Spacing

SAMEDAN OIL CORPORATION

1050 17th STREET, SUITE 1100 DENVER, CO 80265 (303)534-1533



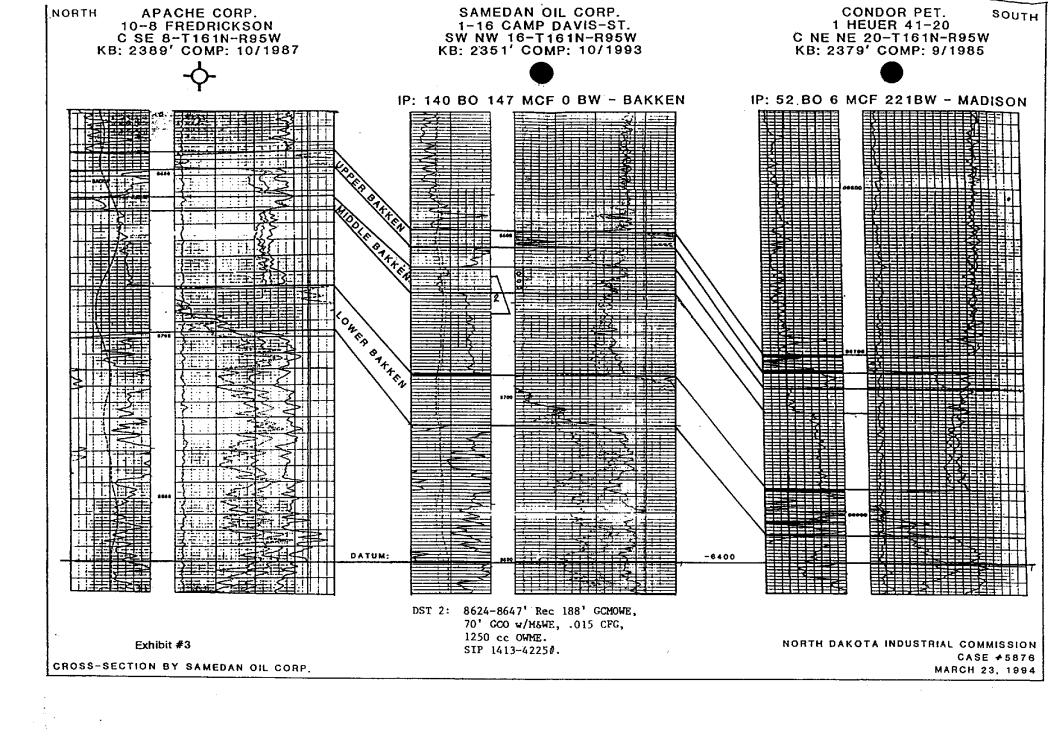
BAKKEN STRUCTURE MAP R 95 W

160 ACRE SPACING

NORTH DAKOTA INDUSTRIAL COMMISSION

CASE #5876

MARCH 23, 1994



Operator: Address:

SAMEDAN OIL CORPORATION

1050 17th Street Suite 1100 Denver, Colorado 80265

(303) 534 - 1533

Camp Davis State #1-16 NDIC Case Number 5876

Well Name:

Camp Davis St. #1-16

Well File No:

13578

Location:

2080' FNL, 560' FWL SWNW Sec 16 - T161N - R95W

Divide County, North Dakota

Date Spud:

Date TD:

September 5, 1993 October 13, 1993

Date Completed:

December 20, 1993

KB Elevation:

1251'

Total Depth:

12,067

Casing:

5 1/2" set to 11,916'

PBTD:

11,000'

Formation:

Bakken

Age:

Mississippian

Lithology:

Dolomitic siltstone

Reservoir Drive:

Solution gas and expansion

Perforations:

8618' - 8634'

Reservoir Temperature: 216 deg. F (DST #2) Reservoir Pressure:

4258 psi (DST #2)

Oil Gravity:

41 deg API

Gas Gravity:

0.7

Oil Pour Point:

-38 deg F

Gas Oil Ratio:

600 SCF/STB

Bubble Point:

2400 psi (Standing's correlation)

FVF:

1.36 RB/STB (Standing's correlation)

Porosity:

7% (Log)

Permeability:

0.87 MD (DST #2)

Rw:

0.02 ohm – m

Formation Rt:

13 ohm-m

Water Saturation:

50%

Effective Pay:

16 feet

Exhibit #4

Well Information

Rock and Fluid Properties

Operator: Address:

SAMEDAN OIL CORPORATION

1050 17th Street Suite 1100 Denver, Colorado 80265 (303) 534-1533

Camp Davis State #1-16
NDIC Case Number 5876

Production History

Date of First Production:

December 16, 1993

Date Statused as Completed:

December 20, 1993

Date Fracture Stimulated:

January 10, 1994

Camp Davis St. #1-16 was fracture stimulated using 1271 bbls

of purchased crude oil and 100,000 of 20/40 mesh sand.

Date All Load Oil Recovered:

January 17, 1994

Date of First "Royalty" or "Taxable" oil production:

January 17, 1994

Date of First "Royalty" or "Taxable" oil sales:

January 18, 1994

		Monthly	Monthly	Monthly	Avg Daily	Avg Daily	Avg Daily
	Days	BBLS	BBLS	MCF	BBLS	BBLS	MCF
Month	<u>Prod</u>	<u>Oil</u>	Water	Gas	<u>Oil</u>	Water	Gas
December, 1993	16	519	68	311	32	4	19
January, 1994	12	408	77	490	34	6	41
February, 1994	27	1340	154	1608	50	6	60
March, 1994			•		40	5	55

Disposition of Oil: Transported and Purchased by Koch Oil Company

Disposition of Gas: Currently flared, a gas line is being laid by

Western Gas Resources, Inc. and sales should

commence within 90 days.

Exhibit #5
Production History

Operator: Address:

SAMEDAN OIL CORPORATION

1050 17th Street Suite 1100 Denver, Colorado 80265 (303) 534-1533

Camp Davis State #1-16
NDIC Case Number 5876

OOIP is Original Oil In Place

OOIP = 511,115 STBO

Wells in neighboring Bakken fields (i.e. Stoneview) recover approximately 100,000 BO

Recovery Factor = 100,000/511,115 = 20%

Offset Bakken wells recover 1 MCF gas for every barrel oil produced.

Reserve assignment for Camp Davis St. #1-16 is 100,000 BO + 100,000 MCF

Operator: Address:

SAMEDAN OIL CORPORATION

1050 17th Street Suite 1100 Denver, Colorado 80265 (303) 534-1533

Camp Davis State #1-16
NDIC Case Number 5876

ECONOMICS

<u>PARAMETERS</u>

IP: 40 BOPD + 40 MCFPD

Decline Rate: 10% annual WI / NRI: 100% / 80% Drilling Costs: \$660,000

Operating Costs: \$3000 per month

Oil Price: \$12/BBL Gas Price: \$1/MCF Inflation Rate: 3%

PREDICTED RESULTS

Life of Well: 12.6 yrs

Gross Oil Reserves: 100,000 bbls Gross Gas Reserves: 100,000 MCF Cumulative Cash Flow: \$546,000

Net Income: -\$114,000

Return on Investment: 0.83

Rate of Return: 0

Minimum oil price for a Bakken well to be economical: \$18.00 per bbl (Payout and a 10% rate of return over the life of the well)

CONCLUSION

Drilling for Bakken reserves alone is not economical at current low oil prices. Oil prices must get to \$18/bbl or other zones (such as Madison) must be present and can be simultaneously produced with the Bakken to justify additional drilling.

STATE OF NORTH DAKOTA)	AFFIDAVIT OF MAILING
COUNTY OF BURLEIGH)))	

I, Donna Bauer, being duly sworn upon oath, depose and say: That on the 8th day of March, 1994, I enclosed in separate envelopes true and correct copies of the attached Order No. 6802 of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, North Dakota, with postage thereon fully paid, directed to the following persons, all of whom appeared at the hearing of the Industrial Commission in Case No. 5876:

Fleck, Mather & Strutz Ltd. 400 E. Broadway Suite 600 P. O. Box 2798 Bismarck, ND 58502

Mr. Lawrence Bender Pearce & Durick P. O. Box 400 Bismarck, ND 58502

> Donna Bauer Oil & Gas Division

On this day of day, 19 hefore me personally appeared the foregoing instrument and acknowledged that she executed the same as her free act and deed.

Notary Public

State of North Dakota County of Burleigh My Commission expires

LAW OFFICES OF

FLECK, MATHER & STRUTZ, LTD.

400 EAST BROADWAY, SUITE 600

NORWEST BANK BUILDING

P. O. BOX 2798

BISMARCK, NORTH DAROTA 58502

TELEPHONE (701) 223-6585 TELECOPIER (701) 222-4853

February 11, 1994

FEE 1994

SECTION W. MORRI

JOHN W. MORRISON

DÂNIEL L. HOVLAND*

ROBERT J. UDLAND*

CURTIS L. WIKE*

CHARLES S. MILLER, JR.*

CRAIG C. SMITH**

SCOTT K. PORSBORG*++

DEENELLE L. RUUD*

ALSO LICENSED IN:
"MINNESOTA
"MONTANA
"IOWA
++SOUTH DAKOTA

Jack Wilborn
Oil & Gas Division
NORTH DAKOTA INDUSTRIAL
COMMISSION
1022 East Divide Ave.
Bismarck, ND 58501

In re: Samedan Oil Corporation

Case No. 5876

Dear Jack:

ERNEST R. FLECK

RUSSELL R. MATHER

WARREN H. ALBRECHT, JR.

WILLIAM A. STRUTZ

GARY R. WOLBERG+

PAUL W. SUMMERS

BRIAN R. BJELLA

STEVEN A. STORSLEE*

Please be advised that on February 23, 1994, Samedan Oil Corporation will move that the captioned matter, relating to the temporary spacing for a pool discovered by the Camp Davis State Well, located in Section 16, Township 161 North, Range 95 West, Divide County, North Dakota, be continued until the next regularly scheduled hearings on March 23, 1994. Due to adverse weather conditions and other problems, Samedan has been unable to establish stabilized production from the discovery well. Additional production during the period until March 23, 1994 will enable Samedan to better recommend a temporary spacing pattern for this discovery.

I am advising you of Samedan's intent at this time so the matter can be docketed on the March docket. If you have any questions, please let me know.

Very truly yours,

⊿ohn w. morrison

hmr

cc: John Long

Scott Steinke

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Wesley D. Norton DIRECTOR

F. E. Wilborn ASSISTANT DIRECTOR

Clarence G. Carison GEOLOGIST Charles Koch ENGINEERING DEPT

Doren Dannewitz FIELD SUPERVISOR

Glenn Wollan RECLAMATION SUP

January 19, 1994

Samedan Oil Corporation 1050 Seventeenth Street, Suite 1100 Denver, CO 80265

Gentlemen:

The temporary spacing for the development of an oil and/or gas pool discovered by the Camp Davis State #1-16 well, located in the SW NW of Section 16, T.161N., R.95W., Divide County, North Dakota, will be considered at the North Dakota Industrial Commission hearing on February 23, 1994.

As you have been previously informed, all exhibits to be used at the hearing are to be prefiled in our office approximately five (5) days prior to the date of hearing.

Thank you for your assistance in this matter.

Sincerely,

F.E. Wilborn

Deputy Enforcement Officer

TE. Willborn / 4in

FEW/th enc.

NORTH DAKOTA INDUSTRIAL COMMISSION

OIL AND GAS DIVISION

Wesley D. Norton DIRECTOR

F. E. Wilborn ASSISTANT DIRECTOR

Clarence G. Carlson GEOLOGIST Charles Koch ENGINEERING DEPT

Doren Dannewitz FIELD SUPERVISOR

Glenn Wollan RECLAMATION SUP

February 15, 1994

Samedan Oil Corporation 1050 17th St., Ste. 1100 Denver, CO 80265

Gentlemen:

The temporary spacing for the development of an oil and/or gas pool discovered by the #1-16 Camp Davis State well, located in the SW NW of Section 16, T.161N., R.95W., Divide County, North Dakota, will be considered at the North Dakota Industrial Commission hearing on March 23, 1994.

As you have been previously informed, all exhibits to be used at the hearing are to be prefiled in our office approximately five (5) days prior to the date of hearing.

Thank you for your assistance in this matter.

sincerely,

J.L. Wellow Ah

F.E. Wilborn

Deputy Enforcement Officer

FEW/dh enc.

Notice of publication

NORTH DAKOTA 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 9:00 a.m. on March 23, 1994, Pioneer Room, State Capitol, Bismarck, North Dakota. For the purpose of this hearing, the Commission, any member thereof acting as Examiner, or an Examiner appointed by the Commission will receive testimony and exhibits.

ATTENTION PERSONS WITH DISABILITIES: If you plan to attend the hearing and will need special facilities or assistance relating to a disability, please contact the North Dakota Industrial Commission at 701-224-3722 by March 9, 1994.

STATE OF **NORTH DAKOTA TO:**

All named parties and persons having any right, title, interest, or claim in the following cases and notices to the public. CASE NO. 5876: (CONTINUED) ON A MO-TION OF THE COMMISSION TO CONSIDER THE TEMPORARY SPACING FOR THE DEVELOP-MENT OF AN OIL AND/OR GAS POOL DISCOVERED BY THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SW NW OF SECTION 16, T.161N., R.95W., DIVIDE COUNTY, NORTH DAKOTA, DEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY.

Signed by, Edward T. Schafer, Governor Chairman ND Industrial Commission



Affidavit of Publication

State of North Dakota, County of Divide, ss:
I, Steven J. Andrist, being first duly sworn, on my oath, say that I am the publisher of The Journ
m translets marron and a second absorbable and will be a second at the s

a weekly newspaper of general circulation and official newspaper of Divide County, State of North

Notice of publication	he advertisement head	ed
a printed copy of which is here attached, was publis	hed in The Journal on t	he following dates:
	Lines @	= \$
	Lines @	= \$
	Lines @	= \$
February 23, 1994 8 Col	umn Inches @3.70	= \$ 29.60
Col	umn Inches @	= \$
Cole	umn Inches @	= \$
Notary/Affidavit Fee		\$
Total Charge	Wast.	\$ 29.60
	Steven	J. Andrist, Publishe
Subscribed and sworn to befo	ore me Februar	y 23, 1994
	Joseph D.	Valander

Donna Molander

Notary Public, State of North Dakota My Commission Expires December 14, 1994

THE BISMARCK TRIBUNE

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Notice of publication

NORTH DAKOTA

INDUSTRIAL COMMISSION BISMARCK, NORTH DAKOTA

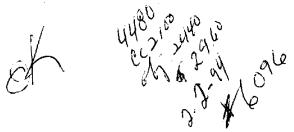
The State of North Dakota by its Industrial Commission hereby gives notice pursuant to law and the rules and regulations of said Commission promulgated thereunder of the following public hearing to be held at 9:00 a.m. on February 23, 1994, Brynhild Haugland Room, State Capitol, Bismarck, North Dakota. For the purpose of this hearing, the Commission, any member thereof acting as Examiner, or an Examiner appointed by the Commission will receive testimony and exhibits.

ATTENTION PERSONS WITH DISABILITIES: If you plan to attend the hearing and will need special facilities or assistance relating to a disability, please contact the North Dakota Industrial Commission at 701-224-3722 by February 9, 1994.

STATE OF NORTH DAKOTA TO:

All named parties and persons having any right, title, interest, or claim in the following cases and notices to the public. CASE NO. 5876: ON A MOTION OF THE COMMISSION TO CONSIDER THE TEMPORARY SPACING FOR THE DEVELOPMENT OF AN OIL AND/OR GAS POOL DIS-COVERED BY THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SW NW OF SECTION 16. T.161N., R.95W., DIVIDE COUN-TY, NORTH DAKOTA, DEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECES-SARY.

Signed by, Edward T. Schafer, Governor Chairman ND Industrial Commission





Affidavit of Publication

State of North Dakota, County of Divide, ss:

I, Steven J. Andrist, being first duly swom, on my oath, say that I am the publisher of The Journal, a weekly newspaper of general circulation and official newspaper of Divide County, State of North Dakota, published in the city of Crosby, ND, and that the advertisement headed

	publication ned, was published in The Journal on th	e following dates:
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	Steven	J. Andrist, Publishe
Subscribed ar	nd sworn to before meJanuary_2	7, 1994
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Donna Molander
Notary Public, State of North Dakota
My Commission Expires December 14, 1994

THE BISMARCK TRIBUNE

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NORTH DAKOTA
INDUSTRIAL COMMISSION
BISMARCK, NORTH DAKOTA
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Commission hereby gives notice pursuant to
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All named parties and persons having any right, itile, interest, or claim in the following cases and notices to the public. CASE NO.
5874: ON A MOTION OF THE COMMISSION TO CONSIDER THE PROPER SPACING FOR THE DEVELOPMENT OF THE IVANHOE-MADISON POOL, RENVILLE COUNTY, NORTH DAKOTA, REDEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY. EOG (NEW MEXICO) INC. CASE NO. 5875: ON A MOTION OF THE COMMISSION TO CONSIDER THE PROPER SPACING FOR THE DEVELOPMENT OF THE LONESOME-DUPEROW POOL, MCKENZIE COUNTY, NORTH DAKOTA, REDEFINE THE LIMITS OF THE FIELD, AND ENACT SUCH SPECIAL FIELD RULES AS MAY BE NECESSARY. JN EXPLORATION AND PRODUCTION LIMITED PARTNERSHIP. CASE NO. 5874. ON A MOTION OF THE COMMISSION TO CONSIDER THE TEMPORARY SPACING FOR THE DEVELOPMENT OF AN OIL AND/OR GAS POOL DISCOVERED BY THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION #1-16 CAMP DAVIS STATE WELL, LOCATED IN THE SAMEDAN OIL CORPORATION

36, T.145N., R.101W., MCKENZIE COUNTY, NORTH DAKOTA; AND SUCH OTHER AND FURTHER RELIEF AS THE COMMISSION DEEMS APPROPRIATE. CASE NO. 5878: ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF TEXACO EXPLORATION AND PRODUCTION INC. FOR AN ORDER AUTHORIZING THE DRILLING AND PRODUCING OF AN INCREASE DENSITY WELL ON A 320-ACRE SPACING UNIT FOR THE BLUE BUTTES-SILURIAN POOL AT A LOCATION APPROXIMATELY 1725 FEET FROM THE NORTH LINE AND 1959 FEET FROM THE WORTH LINE AND 1959 FEET FROM THE WORTH LINE AND 1959 FEET FROM THE WORTH LINE AND 1959 FEET FROM THE WEST LINE OF SECTION 31, T.151N., R.95W., MCKENZIE COUNTY, NORTH DAKOTA, AS AN EXCEPTION TO THE APPLICABLE SPACING REQUIREMENTS FOR SAID POOL AND SUCH FURTHER AND ADDITIONAL RELIEF AS THE COMMISSION DEEMS APPROPRIATE. 36, T.145N., R.101W., MCKENZIE COUNTY.

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Edward T. Schafer, Governor Chairman, ND Industrial Commission 1/26 - 6671

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