

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 PATRICK PETROLEUM CORPORATION FOR AN ORDER
PERMITTING THE DRILLING OF A WELL IN THE SE SE
OF SECTION 10, TOWNSHIP 140 NORTH, RANGE 96
WEST, STARK COUNTY, NORTH DAKOTA, AS AN EXCEPTION
TO THE SPACING PATTERN IN THE DICKINSON-HEATH
POOL.

CASE NO. 1208
ORDER NO. 1301

ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 9:30 a.m. on the 10th day of September, 1974, at Bismarck, North Dakota, before the Industrial Commission of North Dakota, hereinafter referred to as the "Commission."

NOW, on this 8th day of October, 1974, 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 applicant is the owner of a leasehold interest in the E/2 of Section 10, Township 140 North, Range 96 West, Stark County, North Dakota, which lies adjacent to the Dickinson Field and forms a spacing unit for the Heath Pool.

(3) That geological evidence presented indicates that a well drilled at the proper location on said spacing unit would not produce in paying quantities and that the proposed location is the optimum location, geologically, within the spacing unit.

(4) That no objections to the application have been received.

(5) That granting the application would be in the interest of conservation, prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the State Geologist is hereby directed to issue a permit to Patrick Petroleum Corporation for a well located approximately in the center of the SE SE

of Section 10, Township 140 North, Range 96 West, Stark County, North Dakota.

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

DONE, at Bismarck, North Dakota, this 8th day of October, 1974.

THE NORTH DAKOTA INDUSTRIAL COMMISSION



Arthur A. Link, Governor



Allen I. Olson, Attorney General



Myron Just, Commissioner of Agriculture

R 96 W



4

3

2

9

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12

REQUESTED
LOCATION

PATTERN
LOCATION

T140N

13

16

15

14

21

22

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24

DICKINSON HEATH SAND UNIT

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Date 10 SEP 74 Case No. 1208

Introduced by PATRICK PHILLIPS

Exhibit #1

Identified by RAY HARRISON

DICKINSON FIELD AREA
STARK COUNTY, NORTH DAKOTA

PATRICK-PHILLIPS
INTEREST LEASEHOLDINGS

DRAWN BY
Ray L. Harrison
Phillips Petroleum Co.
Billings, Montana

Case No. 1208
Exhibit No. 1
Sept. 10, 1974

R96W



4

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REQUESTED
LOCATION



PATTERN
LOCATION



25,344 BBLs. OIL

51 B.O.P.D.

92,175 BBLs. OIL

47 B.O.P.D.

T140N

13

240,542 BBLs. OIL

82 B.O.P.D.

21

22

23

24



DICKINSON HEATH SAND UNIT

28

27

DICKINSON FIELD AREA
STARK COUNTY, NORTH DAKOTA

CUMULATIVE AND CURRENT
OIL PRODUCTION

DRAWN BY

Ray L. Harrison

Phillips Petroleum Co.

Billings, Montana

Case No. 1208

Exhibit No. 2

Sept. 10, 1974

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Date 10 SEP 74 Case No. 1208

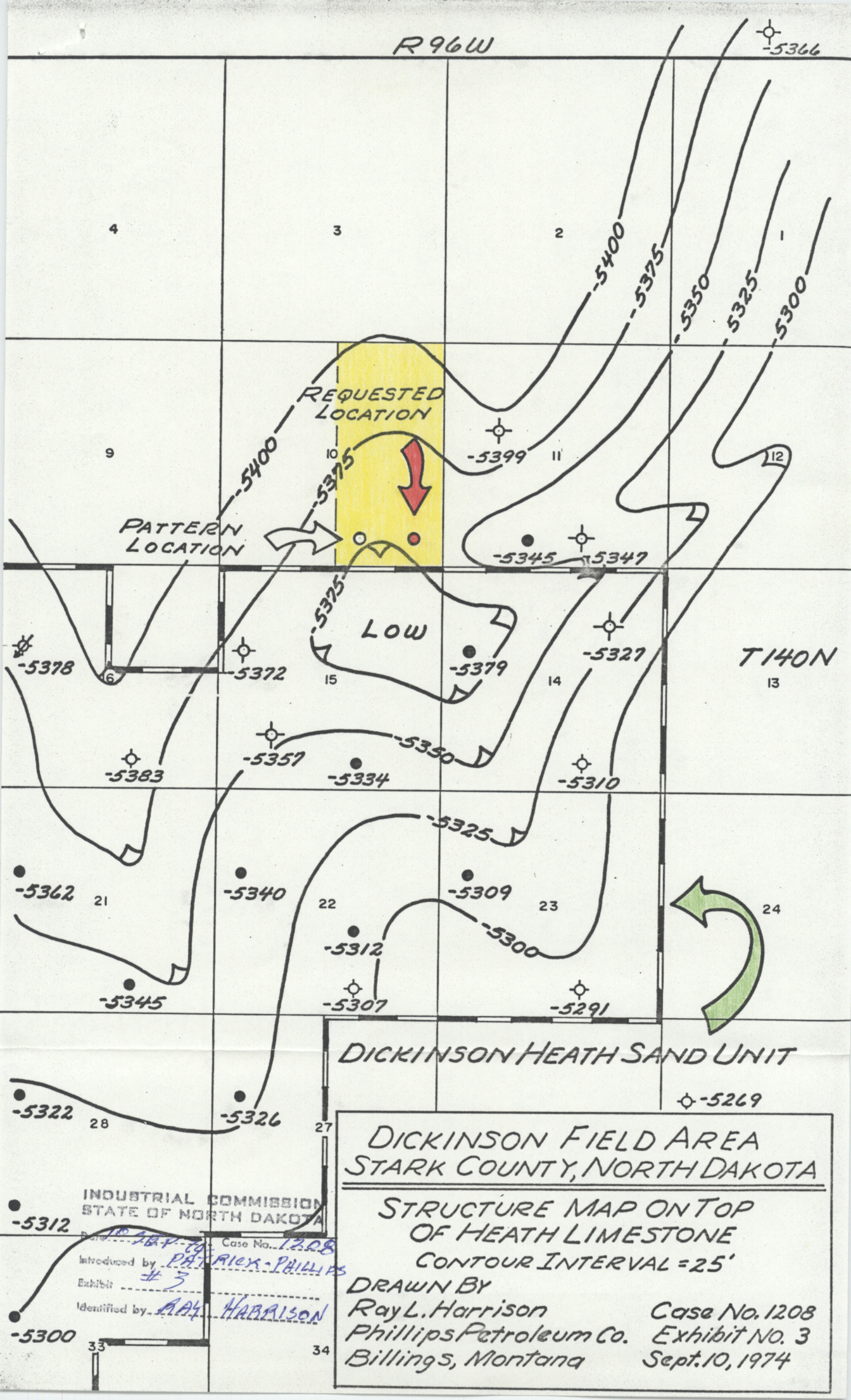
Introduced by PATRICK - PHILLIPS

Exhibit # 2

Identified by RAY HARRISON

33

34



R 96W

-5366

4

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2

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10

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PATTERN
LOCATION

REQUESTED
LOCATION

LOW

T 140N

13

-5383

-5357

-5334

-5310

-5362

21

-5340

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-5309

23

-5345

-5312

-5307

-5291

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DICKINSON HEATH SAND UNIT

-5269

-5322

28

-5326

27

DICKINSON FIELD AREA
STARK COUNTY, NORTH DAKOTA

STRUCTURE MAP ON TOP
OF HEATH LIMESTONE
CONTOUR INTERVAL = 25'

DRAWN BY

Ray L. Harrison

Phillips Petroleum Co.

Billings, Montana

Case No. 1208

Exhibit No. 3

Sept. 10, 1974

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Case No. 1208

Introduced by PHILLIPS

Exhibit # 3

Identified by RAY L. HARRISON

-5312

-5300

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34

R 96 W

-5393

4

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-5410

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12

REQUESTED
LOCATION

PATTERN
LOCATION

-5368

-5371

16

-5396

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Low

-5405

14

-5357

T 140 N

13

-5407

-5374

-5351

-5327

21

-5378

-5356

22

-5333

-5323

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-5366

-5331

-5313

DICKINSON HEATH SAND UNIT

-5292

28

-5346

-5348

27

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Date 10 SEP 74 Case No. 1208

Introduced by PHILLIPS

Exhibit # 4

Identified by RAY HARRISON

DICKINSON FIELD AREA
STARK COUNTY, NORTH DAKOTA

STRUCTURE MAP ON TOP
OF HEATH "B" SAND (OR EQUIVALENT)
CONTOUR INTERVAL = 25'

DRAWN BY
Ray L. Harrison
Phillips Petroleum Co.
Billings, Montana

Case No. 1208
Exhibit No. 4
Sept. 10, 1974

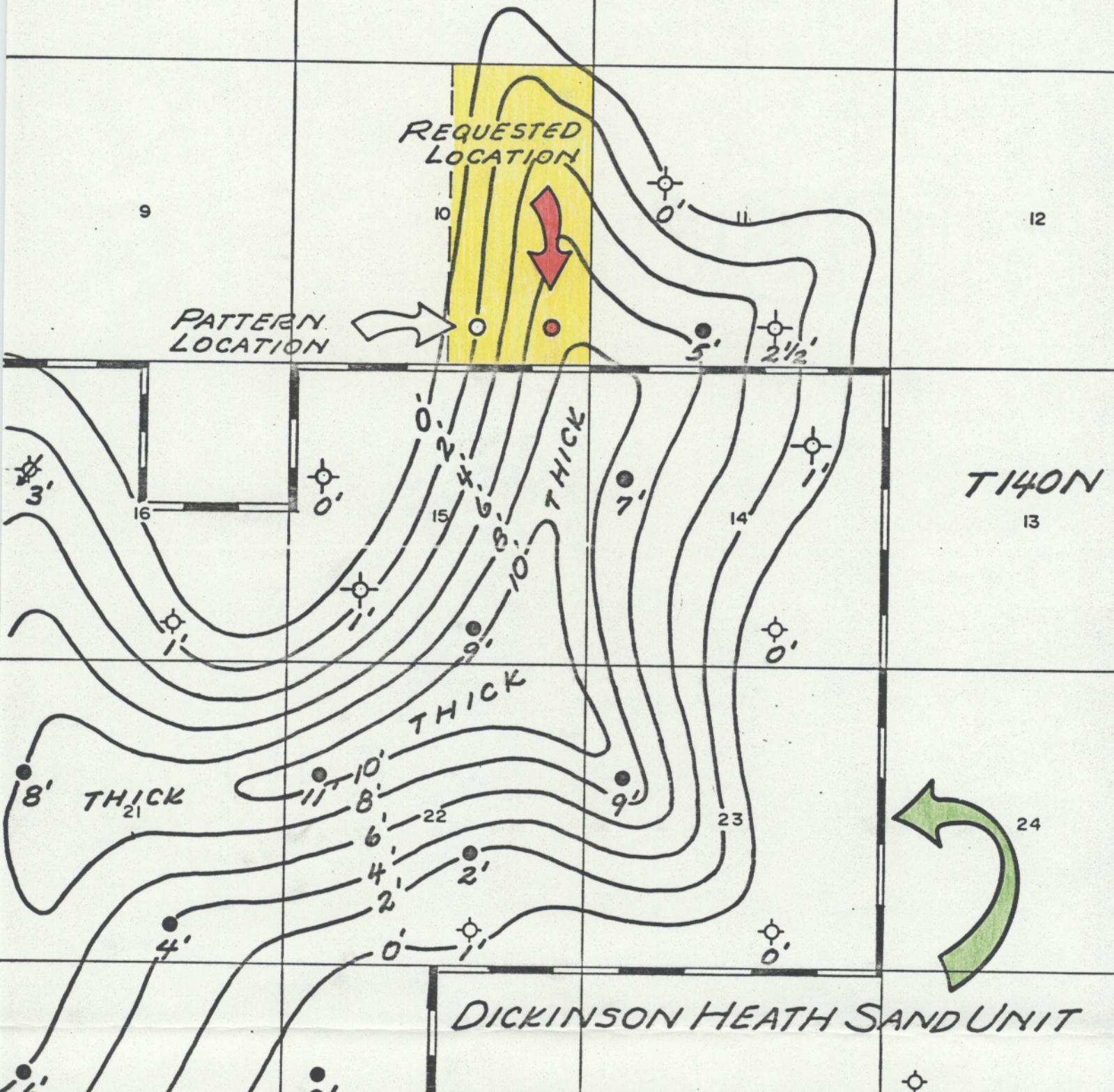
-5339

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R 96W



DICKINSON HEATH SAND UNIT

DICKINSON FIELD AREA
STARK COUNTY, NORTH DAKOTA

THICKNESS MAP OF EFFECTIVE
HEATH "B" SAND POROSITY
CONTOUR INTERVAL = 2'

DRAWN BY
Ray L. Harrison
Phillips Petroleum Co.
Billings, Montana

Case No. 1208
Exhibit No. 5
Sept. 10, 1974

INDUSTRIAL COMMISSION
STATE OF NORTH DAKOTA

Date 10 SEP 74 Case No. 1208
Introduced by PATRICK PHILLIPS
Exhibit #5
Identified by RAY HARRISON

1208

HARRIS, BROWN & KLEMER

Consulting Geologists

Postoffice Box 5

Bismarck, North Dakota

58501

STEVEN H. HARRIS
JAMES L. BROWN
JOHN N. KLEMER

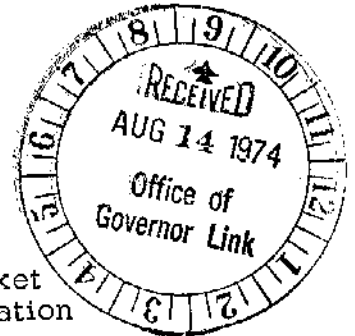
August 13, 1974

222 WEST BOWEN

TELEPHONE 223-3588
AREA CODE 701

North Dakota Industrial Commission
State Capitol
Bismarck, North Dakota

Re: Request for Hearing
September, 1974, Docket
Spacing Exception Location
Dickinson Field Area
Stark County, North Dakota



Gentlemen;

Patrick Petroleum Corporation, Jackson, Michigan, requests that the North Dakota Industrial Commission consider their application to drill a well in SE/4SE/4 10-140N-96W, Stark County, as an exception to the spacing pattern in the Dickinson-Heath oil field.

Normal location for a well in the S/2-10 would be in the SW/4SE/4, but geological interpretation indicates that a well drilled at this location would be marginally productive at best. Patrick Petroleum requests that a hearing be scheduled at the regular September 10, 1974, meeting of the Commission so that evidence can be presented for a proposed test well in SE/4SE/4 10-140N-96W.

Thank you.

HARRIS, BROWN & KLEMER
for Patrick Petroleum Corporation


Steven H. Harris

cc: John Orr
Patrick Petroleum

Dr. E. A. Noble
North Dakota Geological Survey

G. W. Vande Walle
N. D. Industrial Commission

Ray Harrison
Phillips Petroleum Co.

PLAT OF A PORTION OF T140N-R96W, STARK COUNTY, NORTH DAKOTA

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PROPOSED EXCEPTION LOCATION



15



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22



23



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AFFIDAVIT OF PUBLICATION

STATE OF NORTH DAKOTA, }
County of Burleigh. } ss.

Patricia Nelson, being duly sworn,
says that she is a clerk of the Bismarck Tribune Company and that
the annexed printed copy of

Notice of publication - Case #1208

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: 8/28

in each and every issue of the full number thereof, commencing
on the 28 day of August 19 74, and
ending on the 28 day of August 19 74,
upon which days or times of publication aforesaid the said news
paper was regularly published.

Patricia Nelson
Subscribed and sworn to before this 29 day of
August, A. D. 19 74.

Paul J. Patera
Notary Public, Burleigh County, N. D.

My commission expires 3-24-76

Cost of Publication, \$ 9.00

Date 8-27-74
OK
mv

pn
SL-29

PAUL J. PATERA
Notary Public, BURLEIGH CO., N. D.
My Commission Expires Mar. 24, 1976
ROLD NELSON
State Printer

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 10 September 1974 in the Hearing Room, State Capitol Building, Bismarck, North Dakota.

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. 1208: On a motion of the Commission to consider the application of Patrick Petroleum Corporation for an order permitting the drilling of a well in the SE SE of Sec. 10, T. 140N., R. 96W., Stark County, North Dakota, as an exception to the spacing pattern in the Dickinson-Heath Pool. CASE NO. 1209: On a motion of the commission to consider the application of Patrick Petroleum Corporation for an order pooling all interests in a 320-acre spacing unit for the Dickinson-Heath Pool described as the E/2 of Sec. 10, T. 140N., R. 96W., Stark County, North Dakota. CASE NO. 1210: On a motion of the Commission to consider the application of Farmers Union Central Exchange, Inc., for an order amending the outline of the Zenith Field and establishing temporary spacing for an oil pool discovered by the Farmers Union Central Exchange, Inc., No. 16-34 Krushensky located in the SE SE of Sec. 34, T. 140N., R. 99W., Stark County, North Dakota, define the limits of the field, and enact such special field rules as may be necessary.

8/28 - 19982

CERTIFICATE OF PUBLICATION

THE DICKINSON PRESS
Dickinson, North Dakota

STATE OF NORTH DAKOTA, }

County of Stark. }

NOTICE OF PUBLICATION

N. D. INDUSTRIAL COMMISSION
BISMARCK, NORTH DAKOTA

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(Published August 29, 1974)

Debbie Kuntz, of said state and county, being first duly

sworn, on oath says: That she 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 29

day of August A. D. 1974, and ending on the 29

day of August A. D., 1974, both inclusive.

Sworn to and subscribed to before me this 29 day of

9-21 August A. D. 1974

Date 9-3-74

HAROLD NELSON

State Printer

ED J. HAUCK
Notary Public, STARK COUNTY, N. DAK.
My Commission Expires JUNE 7, 1979