

BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA

CASE NO. 3120  
ORDER NO. 3532

IN THE MATTER OF A HEARING CALLED ON A  
MOTION OF THE COMMISSION TO CONSIDER THE  
APPLICATION OF SAMEDAN OIL CORPORATION FOR  
AN ORDER REDEFINING THE LIMITS OF THE  
DICKINSON FIELD TO INCLUDE THE W/2 AND SE/4  
OF SECTION 4, T.139N., R.97W., STARK COUNTY,  
NORTH DAKOTA, AND TO ESTABLISH A ZONE OF  
160-ACRE SPACING FOR SAID AREA.

ORDER OF THE COMMISSION

BY THE COMMISSION:

Pursuant to legal notice this cause came on for hearing at 1:00 p.m.  
on the 21 day of March, 1984, in Williston, North Dakota, before an examiner  
appointed by the Industrial Commission of North Dakota, hereinafter referred  
to as the "Commission."

NOW, on this 4th \_ day of April \_\_, 1984, 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 W/2 and SE/4 of Section 4, Township 139 North, Range  
97 West, Stark County, North Dakota, is adjacent to the Heart River and  
Dickinson Fields.

(3) That the adjacent Dickinson Field is unitized and it would be  
appropriate to extend the Heart River Field to include said lands.

(4) That the Heart River-Heath Pool is on 320-acre spacing.

(5) That 160-acre spacing in the Heath Pool in the W/2 and SE/4 of  
said Section 4 will recover oil that might not otherwise be produced.

(6) That to prevent waste and to protect correlative rights, the  
boundary of the Heart River-Heath Pool should be extended to include said  
land in (2) above and 160-acre spacing should be established.

IT IS THEREFORE ORDERED:

(1) That the Heart River Field is hereby redefined as the following  
described tracts of land in Stark County, North Dakota:

ZONE I: TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM  
ALL OF SECTIONS 5, 7 AND 8.

ZONE II: TOWNSHIP 139 NORTH, RANGE 97 WEST, 5TH PM  
THE W/2 AND SE/4 OF SECTION 4.

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 effective this date, the proper spacing in Zone I for the development of the Heart River-Heath Pool be, and the same is hereby set at one well to 320 acres.

(3) That all wells hereafter drilled to said pool in Zone I shall be located not less than 660 feet from a spacing unit boundary nor closer than 1980 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.

(4) That effective this date, the proper spacing in Zone II for the development of the Heart River-Heath Pool be, and the same is hereby set at one well to 160 acres.

(5) That all wells hereafter drilled to said pool in Zone II 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.

(6) That all provisions of Commission Order No. 2072 not specifically amended herein, shall remain in full force and effect until further order of the Commission.

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

Dated this 4th \_ day of April \_\_, 1984.

INDUSTRIAL COMMISSION  
STATE OF NORTH DAKOTA

/s/ Allen I. Olson\_\_  
Allen I. Olson, Governor

/s/ Robert O. Wefald \_  
Robert O. Wefald, Attorney General

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Kent Jones, Commissioner of Agriculture

STATE OF NORTH DAKOTA }

COUNTY OF BURLEIGH }

AFFIDAVIT OF  
MAILING

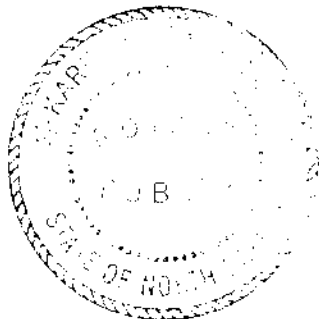
I, F.E. Wilborn, being duly sworn upon oath, depose and say: That on the 5th day of April, 1984, I enclosed in separate envelopes true and correct copies of the attached Order No. 3532 of the North Dakota Industrial Commission, and deposited the same with the United States Postal Service in Bismarck, 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. 3120:

David Lambert  
1616 Glenarm  
PL #2550  
Denver, CO 80202

F.E. Wilborn  
F.E. Wilborn  
Deputy Enforcement Officer  
Oil & Gas Division

Subscribed and sworn to before me this 6th day of April, 1984.

On this 6th day of April, 1984, before me personally appeared F.E. Wilborn to me known as the person described in and who executed the foregoing instrument and acknowledged that (s)he executed the same as his/her free act and deed.



Karen Gutenkunst  
Notary Public  
State of ND County of Burleigh  
My Commission expires 5-13-88

✓  
L-1080

SAMEDAN OIL CORPORATION  
SUITE 2550  
1616 GLENARM PLACE  
DENVER, COLORADO 80202  
303-534-0677  
OMNIFAX 303-893-2675

March 13, 1984



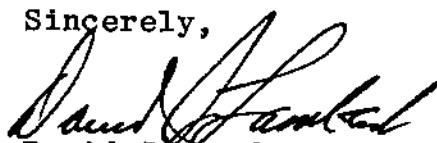
North Dakota Industrial Commission  
Oil & Gas Division  
Mr. F.E. Wilborn  
900 E. Boulevard  
Bismark, North Dakota

Subject: The application of Samedan Oil Corporation for an order of the commission establishing 160 acre spacing in a portion of the Dickinson Field described as the W $\frac{1}{2}$  and the SE $\frac{1}{4}$  of Section 4, Township 139 North, Range 97 West, Stark County, North Dakota

Dear Sirs:

Enclosed are three sets of exhibits to be used by Samedan Oil Corporation for Case #8120 to be heard on March 21, 1984 in Williston, North Dakota.

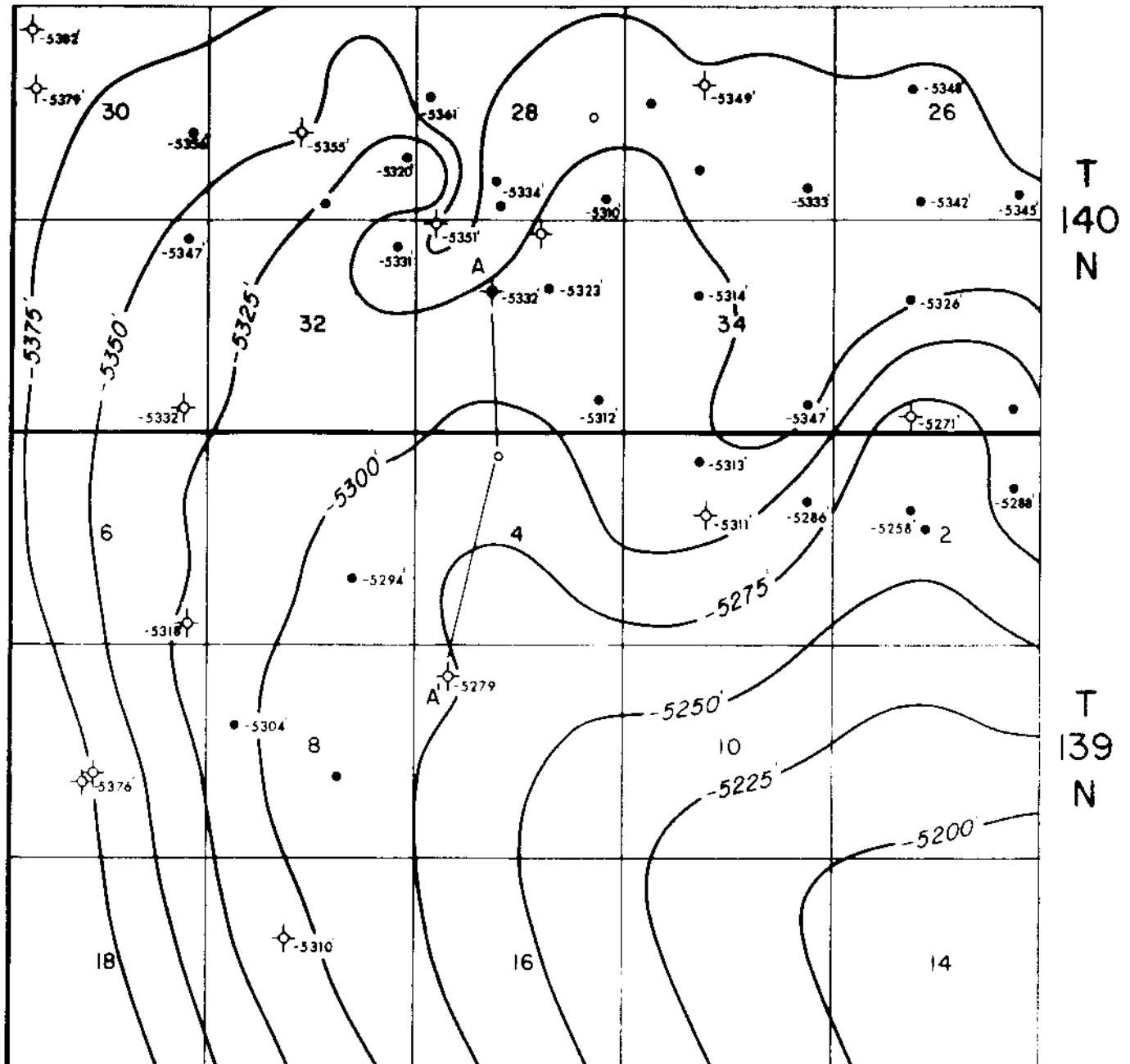
Sincerely,

  
David J. Lambert  
Division Geologist

ENC

DJL/sjg

R 97 W



SAMEDAN OIL CORPORATION  
DENVER, COLORADO

DICKINSON AREA  
STARK CO., NORTH DAKOTA

TYLER FORMATION STRUCTURE MAP  
C.I. = 25'

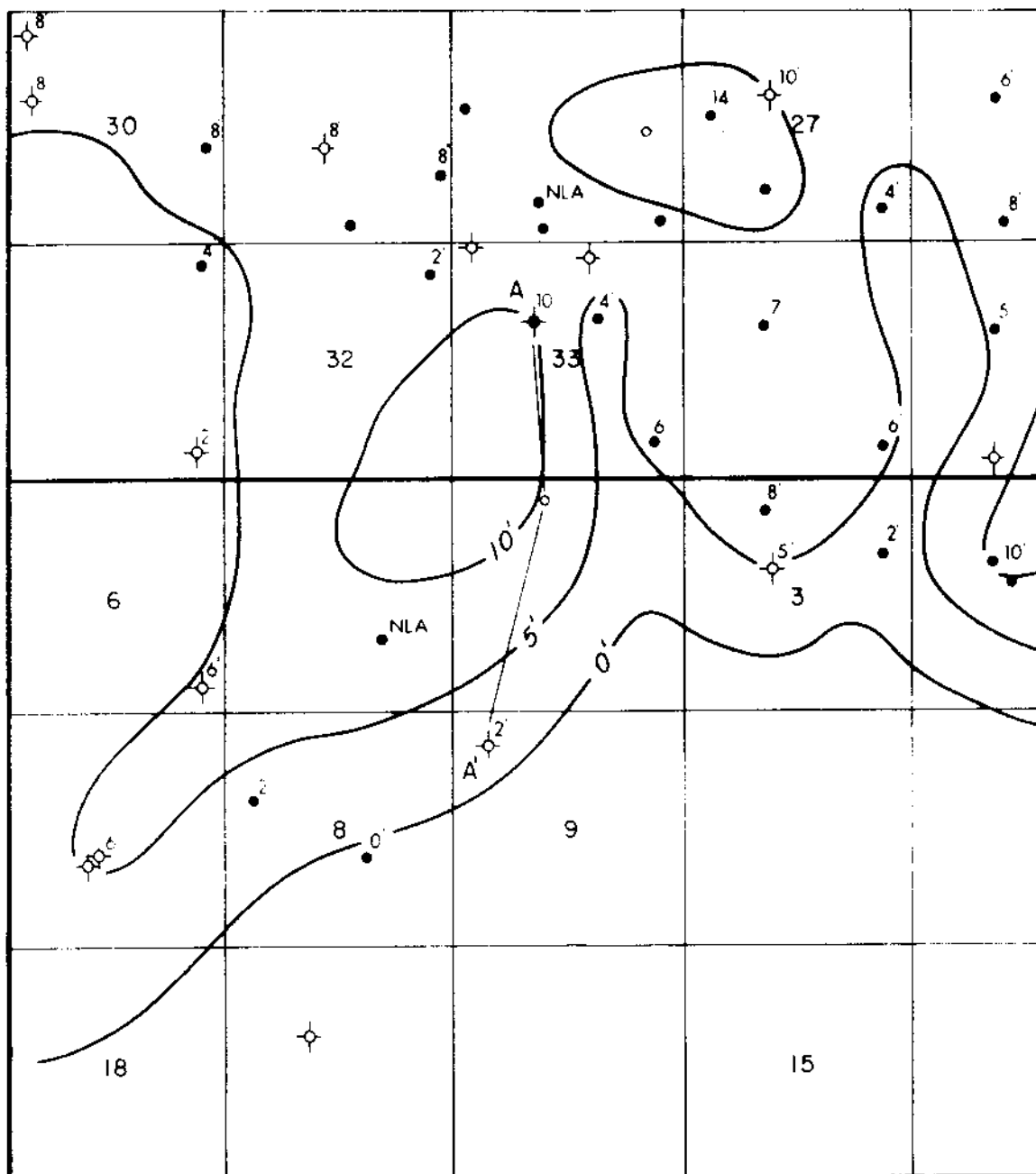
DATE: 3-6-84

CASE # 3120

SCALE: 1" = 4000'

EXHIBIT #1

R 97 W



T  
140  
N

T  
139  
N

**SAMEDAN OIL CORPORATION**  
DENVER, COLORADO

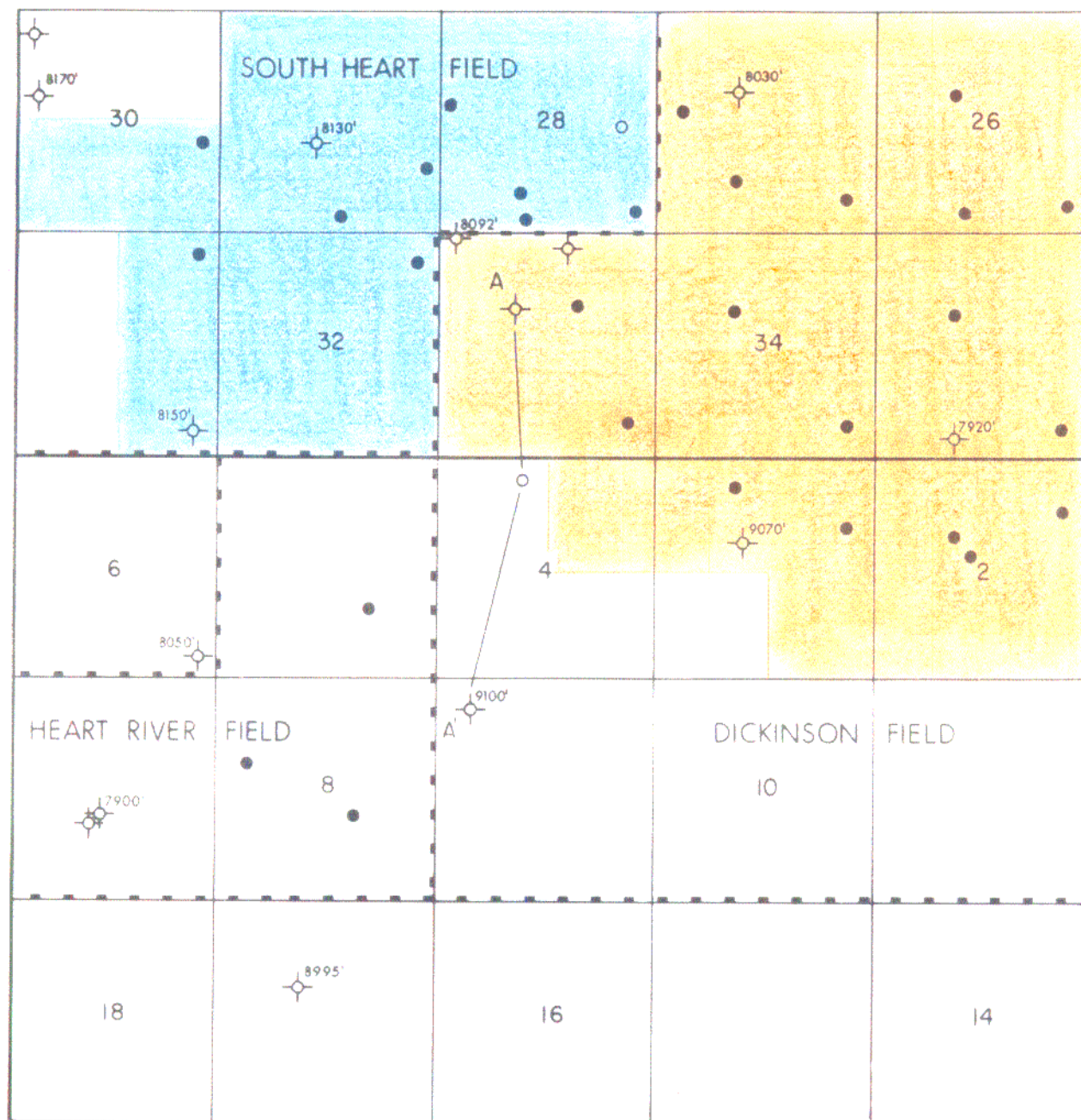
**DICKINSON AREA**  
STARK CO., NORTH DAKOTA

**TYLER "B" SAND ISOPACH MAP**  
C.I. = 5'

DATE: 3-6-84  
SCALE: 1" = 4000'

CASE # 3120  
EXHIBIT # 2

R 97 W



T  
140  
N

T  
139  
N

- - - FIELD OUTLINES
- SOUTH HEART UNIT
- DICKINSON UNIT

SAMEDAN OIL CORPORATION  
DENVER, COLORADO

REGIONAL FIELD MAP  
STARK CO., NORTH DAKOTA

DATE: 3-6-84  
SCALE: 1" = 4000'

CASE # 3120  
EXHIBIT # 3

A

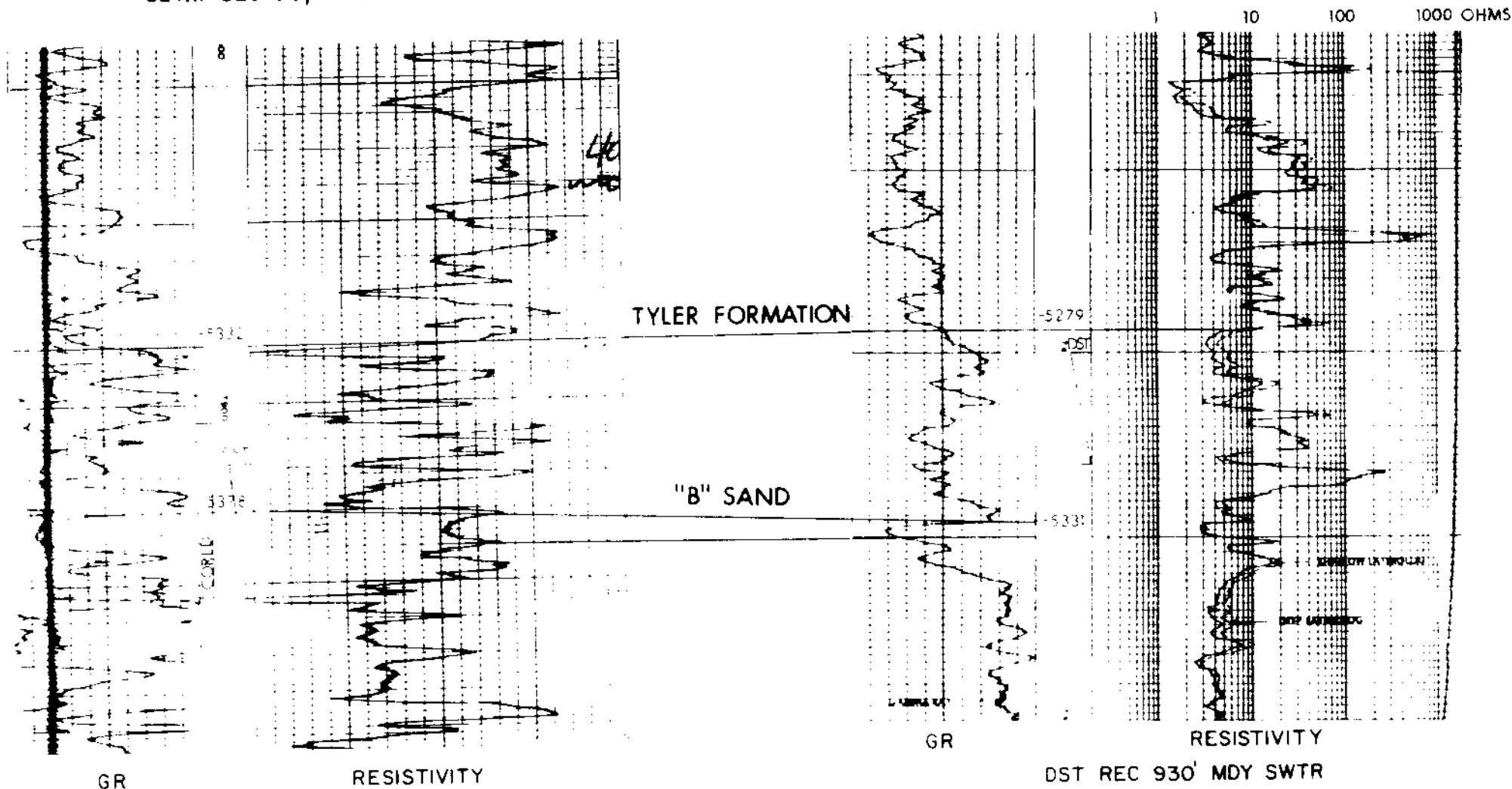
SHELL 22-23 ZANDER

SE NW SEC. 33, T 140 N R 97 W

ANADARKO I B.N.

A'

NW NW SEC. 9, T 139 N R 97 W

SAMEDAN OIL CORPORATION  
DENVER, COLORADO

CROSS SECTION

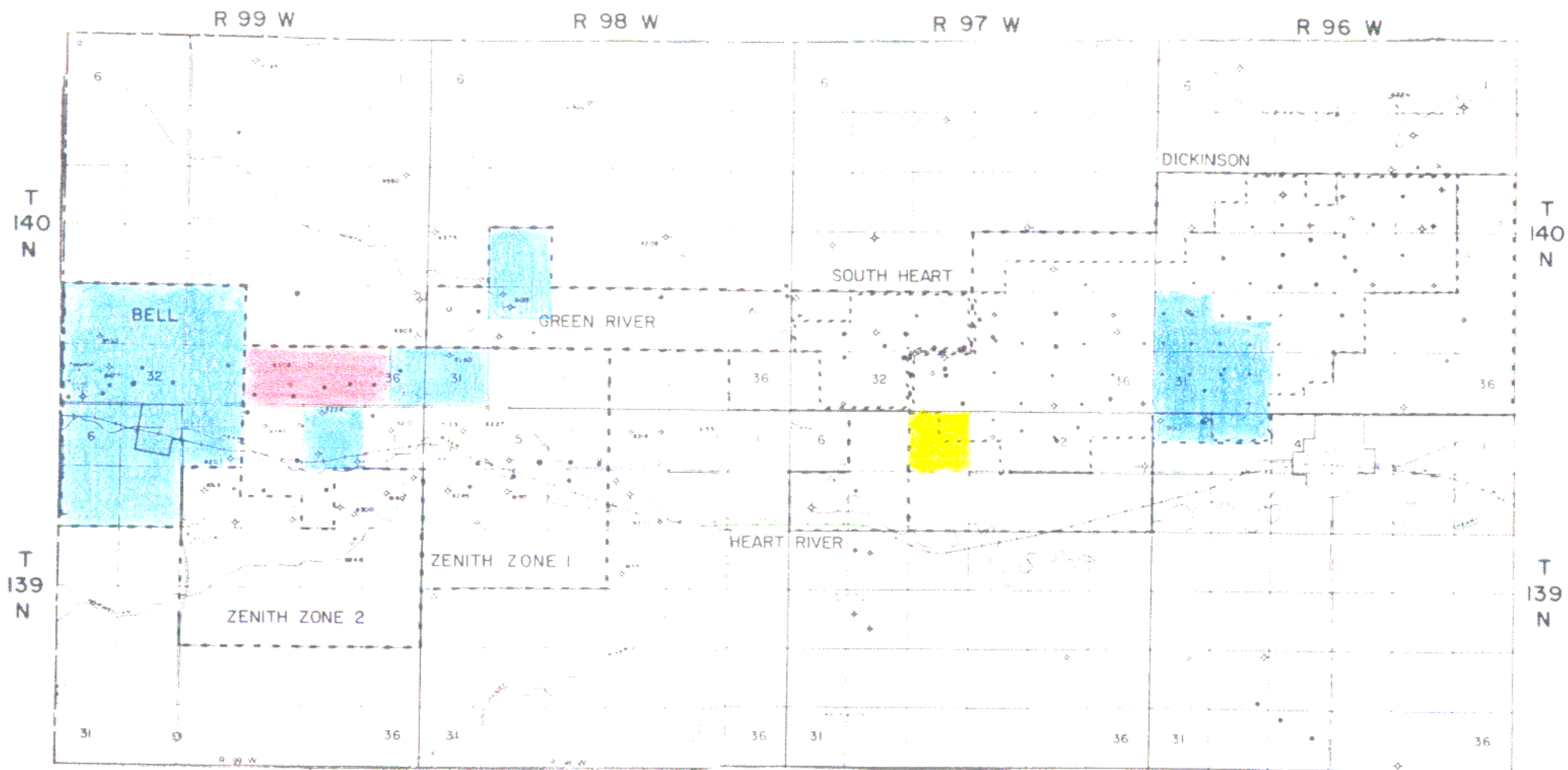
STARK CO., NORTH DAKOTA

DATE: 3-6-84

CASE # 3120

EXHIBIT #4





- FIELD OUTLINES
- UNIT OUTLINES
- AREA FOR REQUESTED SPACING CHANGE
- 160 AC SPACING
- 320 AC SPACING
- 320 AC SPACING PERMITTED FOR 160 AC INFILL DRILLING

SAMEDAN OIL CORPORATION  
DENVER, COLORADO

REGIONAL FIELD MAP  
STARK CO., NORTH DAKOTA

CASE # 3120  
EXHIBIT # 5

1 MILE

DATE 3-8-84

R 97 W

SAMEDAN OIL  
7-16-87

VICTOR L. SEMERAD ET UX  
ELAINE WARNER  
ST. WENCESLAUS CATH. CH.  
GERAY J. SEMERAD  
DENNIS V. SEMERAD

SHELL OIL  
HBP

FRANKLIN PAZOUREK  
MARIE PAZOUREK  
RUDOLPH PAZOUREK JR.

4

ANADARKO  
HBP

EDWIN M. KOSTELECKY  
CATHERINE L. KOSTELECKY

SHELL OIL  
HBP

HENRY & VIOLA KADREMAS  
GEO. A. & BETH BROOME  
E. B. & NAOMI KELLEY  
MARSHALL CATOR  
E. & JEWELL ORCUTT  
W.E. & EVELYN EISENBERG  
H. S. SWANN  
CECIL & GRACE KELSEY  
PATSY ANN & NEAL O'GILVY  
PAUL & OLIVETTE HARRAL

T  
139  
N

\*\*\*\*\* DICKINSON UNIT

SAMEDAN OIL CORP.

DENVER, COLORADO

DICKINSON AREA

STARK COUNTY, NORTH DAKOTA

DATE: 3-19-84

SCALE: 1"=750'

CASE: # 3120

EXHIBIT # 6

3120



BEFORE THE INDUSTRIAL COMMISSION  
OF THE STATE OF NORTH DAKOTA

IN THE MATTER OF THE APPLICATION )  
OF SAMEDAN OIL CORPORATION FOR AN )  
ORDER OF THE COMMISSION ESTAB- )  
LISHING 160 ACRE SPACING IN A )  
PORTION OF THE DICKINSON FIELD )  
DESCRIBED AS THE W $\frac{1}{2}$  AND THE SE $\frac{1}{4}$  )  
OF SECTION 4, TOWNSHIP 139 NORTH, )  
RANGE 97 WEST, STARK COUNTY, )  
NORTH DAKOTA. )

A P P L I C A T I O N

COMES NOW the applicant, Samedan Oil Corporation, and respectfully alleges:

1. That it is the owner of an oil and gas leasehold interest in the W $\frac{1}{2}$  and SE $\frac{1}{4}$  of Section 4, Township 139 North, Range 97 West, Stark County, North Dakota.

2. That pursuant to the applicable field rules for the Dickinson Field, spacing for said W $\frac{1}{2}$  and SE $\frac{1}{4}$  of Section 4 is currently established at 320 acres.

3. That applicant is desirous of establishing 160 acre spacing on the subject lands.

4. That such spacing will protect correlative rights and result in the recovery of oil and gas which might otherwise not be recovered.

WHEREFORE, the applicant requests that the matter be set for hearing at the regularly scheduled hearings in March, 1984, and that thereafter the Commission issue its order granting the relief requested.

Dated this 28th day of February, 1984.

SAMEDAN OIL CORPORATION

FLECK, MATHER, STRUTZ & MAYER, LTD.  
Attorneys for the Applicant  
600 Dakota Northwestern Building  
P.O. Box 2798  
Bismarck, ND 58502

By JOHN W. MORRISON

STATE OF NORTH DAKOTA )  
 ) ss.  
COUNTY OF BURLEIGH )

John W. Morrison, being first duly sworn on oath, deposes and says that he is the attorney for the applicant herein named, that he has read the above and foregoing application, knows the contents thereof, and that the same is true to the best of this affiant's knowledge, information and belief.

JOHN W. MORRISON

Subscribed and sworn to before me this 28th day of February, 1984.

( S E A L )

Kris Jennings, Notary Public  
Burleigh County, North Dakota  
My Commission Expires: 10-6-88

**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 1:00 p.m. on March 21, 1984, Williston Community Library, 1302 Davidson Drive, Williston, 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.

**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. 3120: ON A MOTION OF THE COMMISSION TO CONSIDER THE APPLICATION OF SAMEDAN OIL CORPORATION FOR AN ORDER REDEFINING THE LIMITS OF THE DICKINSON FIELD TO INCLUDE THE W-2 AND THE SE-4 OF SECTION 4, T.139N., R.97W., STARK COUNTY, NORTH DAKOTA, AND TO ESTABLISH A ZONE OF 160-ACRE SPACING FOR SAID AREA.

Signed by,  
Allen I. Olson, Governor  
Chairman, ND  
Industrial Commission

**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 22, 1984, Montana Dakota Utilities Hospitality Room, Williston, 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.

**PAID**

**CERTIFICATE OF PUBLICATION  
THE DICKINSON PRESS  
Dickinson, North Dakota**



STATE OF NORTH DAKOTA, }

County of Stark. }

Marilyn Wanner

, 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 \_\_\_\_\_

Legal--Notice of Publication...Case No. 3120 and

\$27.45

3130

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 7th

day of March A.D. 19 84, and ending on the 7th

day of March A.D., 19 84, both inclusive.

Marilyn Wanner

Sworn to and subscribed to before me this 7th day of

March

A.D. 19 84

**ED J. HAUCK**

Notary Public, STARK COUNTY, N. DAK.

My Commission Expires JUNE 6, 1985

ADMINISTRATIVE OFFICER II