

Case No.

263

Application, Transcript,
Small Exhibits, Etc.

Case 203 - Motion of OCC for designation,
extension or deletion of pools, in SE N. M.

Exhibit 1945
E-11-F
Retained

NOTICE OF PUBLICATION
STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

The State of New Mexico by its Oil Conservation Commission hereby gives notice pursuant to law and the Rules and Regulations of said Commission promulgated thereunder, of the following hearing to be held March 20, 1951, beginning at 10 o'clock a.m. on that day in the City of Santa Fe, New Mexico, in the Council Chamber of the City Hall.

STATE OF NEW MEXICO TO:

All named parties in the following cases and notice to the public.

Case 263

In the matter of hearing to be held by the Oil Conservation Commission, upon its own motion, for the designation, extension, or deletion of the various pools listed and described, as follows:

Extend the House pool:

T.20S. R.38E

S/2 section 11

NE/4 and S/2 section 12

N/2 section 13

N/2 section 14

T.20S. R.39 E

W/2 section 7

NW/4 section 18

Extend the Bough pool:

T.9 S. R.36 E

S/2 section 7

All section 18

Extend the Vacuum pool:

T.18 S. R.34 E

All section 5

Extend the Bagley Siluro-Devonian pool:

T.11 S. R.33 E

SE/4 section 33

SW/4 section 34

T.12 S. R.33 E

W/2 section 3

E/2 section 4

Create the following pools:

Twin Lakes pool

T.8 S, R.28 E

SE/4 section 35

S/2 section 36

T.9 S, R.28 E

All section 1

E/2 section 2

Fowler-Blinebry pool

T. 24 S, R.37 E

W/2 section 15

All section 16

N/2 section 21

NW/4 section 22

Gladiola-Abo pool

T.12 S, R.37 E

All section 13

E/2 section 14

NE/4 section 23

N/2 section 24

Levick pool

T.8 S, R.27 E

SW/4 section 5

S/2 section 6

All section 7

W/2 section 8

Keohane pool

T.9 S, R.29 E

SE/4 section 1

E/2 section 12

T.9 S, R.30 E

S/2 section 6

All section 7

GIVEN under the seal of the Oil Conservation Commission of New Mexico, at
at Santa Fe, New Mexico, on February 21, 1951.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier
Secretary

SEAL

BEFORE THE
OIL CONSERVATION COMMISSION
STATE OF NEW MEXICO

Case 263

(This case is a matter of nomenclature for the designation or extension of various pools, which is necessitated by recently completed wells in the vicinity of the House Pool, Bough Pool, Vacuum Pool, and Bagley Siluro-Devonian Pool; Twin Lakes (discovery well Magnolia No. 1 O'Brien "B"), Fowler-Blinebry (discovery well Stanolind State "D" Tract 14 No. 1), Gladiola-Abo (discovery well Sinclair, Virgie Green Tract "A" No. 1), Levick Pool (discovery well Levick State No. 1), Keohane Pool (discovery well Keohane, Inc. No. 1 "D" Keohane).)

(Mr. Graham reads the notice of publication.)

MR. McCORMICK: Mr. Shepard, in this case affidavits and also some letters that are not sworn to, together with plats, have been sent in by the various operators who have requested that these pools either be created or extended, as the case may be; and in order to conserve time, I would suggest that any operators present who have any information to give the Commission about these particular pools be asked to do so; and that the Commission then determine to consider the matter in the file already without having to repeat or take these now in the file.

CHAIRMAN SHEPARD: I think that is a good suggestion. Does anyone have anything to offer on this case?

MR. GRAY: Just a correction, Mr. Shepard, is all. On the Sinclair Abo. I have a letter written to Mr. Spurrier.

If we could make it an exhibit and part of the hearing, it will suffice, and I will be glad to do that. I will read here the tops of the geological formations. In this instance the Abo is above the producing formation from which this well produces.

Anhydrite	2198	Fullerton	7238
Yates	3057	Abo	7796
San Andres	4418	Wolfcamp	9083
Glorieta	5863	Pennsylvanian	9883
Tubbs	7131	Mississippian	11363
		Devonian	12141

CHAIRMAN SHEPARD: Anyone else?

MR. McCORMICK: It isn't clear in this notice what horizon the Twin Lakes is producing from. Does Magnolia have a man?
(Off the record.)

CHAIRMAN SHEPARD: Mr. Morrell?

MR. MORRELL: You are speaking of the case as a whole?

CHAIRMAN SHEPARD: Yes.

MR. MORRELL: In the interests of expediting action, I heartily endorse Mr. McCormick's though. I would like to suggest as a suggestion for the Commission the consideration on the basis of the results of the hearing held on nomenclature on February 20th, at which time the testimony was presented for a specific acreage to extend the North Maljamar Pool; order R-54, dated February 26, 1951, included that

that acreage which was suggested, but also included additional acreage which had been in the Robinson Pool since 1927 by a Commission order. Likewise in the recommendation for the Extension of the Drinkard Pool, order R-54 included the NE/4 of Sec. 10-21S-37E, which had been in the North Drinkard Pool by a Commission order^{and} to avoid overlaps and also misunderstanding and allow all operators who might be interested in nomenclature, it would seem to me to be helpful if the Commission, after the hearing, would prepare a proposed order of nomenclature and circulate it for thirty days, to be decided on finally at the next monthly hearing. If there were no objections, it would become final. If there were objections, then everyone would have some specific acreage described to discuss.

MR. McCORMICK: There appears in the notice by exact description that goes out.

MR. MORRELL: Not all of the acreage is included in the notice that goes out. But it is subject also to what is brought up at the hearing. And the result of R-54 showed that order covered acreage which wasn't discussed at the hearing. I think the thirty-day circulation will be helpful to everyone and the Commission.

MR. McCORMICK: I will ask you if you think it is wise to identify the producing horizon along with each pool--a hyphenated name? You think it is necessary?

MR. MORRELL: Definitely it is necessary unless you have only one producing formation. The pool name and the--the pool name would designate that formation. But if you have more than one formation, then the formations' names should be attached to the pool names by a hyphen.

CHAIRMAN SHEPARD: Anyone else? If not, then we will take up the next case.

MR. SPURRIER: Could I bring up one thing I forgot to bring up? On this Keohane Pool, Mr. Keohane wrote the Commission a letter. It may be in the file. But if it isn't, I will tell you. He doesn't personally want the pool named Keohane. He wants it named Santo Nino. I will recommend it be named Santo Nino.

MR. MORRELL: Since you mentioned a specific pool--the Levick Pool, he said he wasn't interested in the name, and the well is located within the, within a mile of the Acme post office and the Acme projection corner, and it seems Acme would be the logical name.

CHAIRMAN SHEPARD: We will take up the next case.

COUNTY OF BERNALILLO)
: ss
STATE OF NEW MEXICO)

I HEREBY CERTIFY That the foregoing transcript of hearing in Case No. 263 before the Oil Conservation Commission in Santa Fe on March 20, 1951, is a true and correct record to the best of my knowledge, skill, and ability.

DATED at Albuquerque, N. M., March 28, 1951.

G. E. Johnson

My Commission Expires 8-4-52.

GEORGE L. REESE, JR.
DON G. MCCORMICK
THOMAS E. LUSK
EUGENE C. PAINE

REESE, MCCORMICK AND LUSK
ATTORNEYS AT LAW
BUJAC BUILDING
CARLSBAD, NEW MEXICO

TELEPHONES
1150
1151

March 23, 1951

Mr. R. R. Spurrier
New Mexico Oil Conservation Commission
Santa Fe, New Mexico

Dear Mr. Spurrier:

I am returning herewith the Commission file in Case No. 263, which has to do with the creation of new pools and extension of other pools in southeastern New Mexico. I have prepared and am enclosing herewith a proposed Order for this case. There are two or three matters which I wish to point out in connection with this proposed Order.

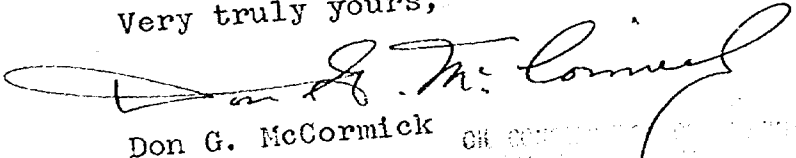
In the advertisement, it was proposed to create the Levick pool. However, at the hearing, the name "Acme" was suggested, and I did not get to discuss the matter with you. As the Order is written, it uses the name of "Acme." If you desire to use the name "Levick" instead, you should make the appropriate change.

As to the Gladiola Wolfcamp pool, the advertisement referred to it as the Gladiola Abo pool, but Mr. George Gray has stated that the proposed name was an error in that the producing formation is actually Wolfcamp.

As to the Bough pool, I checked the previous Orders and discovered that the East Bough pool, as heretofore created, embraced the SE $\frac{1}{4}$ Sec. 7 and the E $\frac{1}{2}$ Sec. 8. Therefore, the proposed Order is so drafted that the Bough pool will not overlap with the East Bough pool.

Mr. Graham and I discussed all the pending cases while I was in Santa Fe, and he has already drawn orders in all cases, except 263, that were ready for disposition. If there are any further orders that you wish me to draft, kindly advise.

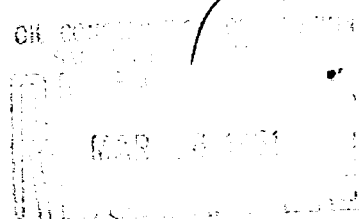
Very truly yours,


Don G. McCormick

DGM/arv

Encl

cc Hon. George Graham
Oil Conservation Commission
Santa Fe, New Mexico



February 22, 1951

Editor, Roswell Record
ROSWELL, NEW MEXICO

Dear Sir:

RE: Notice of Publication
Case 263

Please publish the enclosed notice one time immediately on receipt of this request. Please proofread the notice carefully and send a copy of the paper carrying such notice to this office.

Upon completion of the publication, send publisher's affidavit in duplicate.

For payment, please submit statement in duplicate, and sign and return the enclosed voucher.

PLEASE PUBLISH NOT LATER THAN MARCH 1, 1951.

Very truly yours,

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

R. R. Spurrier
Secretary - Director

RRS:nr
Encl.

File

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE CREATION OF
NEW OIL POOLS AND THE EXTENSION
OF OTHER OIL POOLS IN SOUTHEASTERN
NEW MEXICO

CASE No. 263
ORDER No. R-55

ORDER OF THE COMMISSION

This matter came on for hearing at Santa Fe, New Mexico, on
March 20, 1951.

The Commission having heard the evidence presented

FINDS:

1. It has jurisdiction of this case and of the parties interested
therein, due notice of this hearing having been given.

2. The several areas hereinafter described each comprise a
separate common reservoir of oil in the producing horizon designated and
are each oil pools as follows:

<u>POOL</u>	<u>PRODUCING HORIZON</u>	<u>COUNTY</u>	<u>TWP. & RGE.</u>	<u>DESCRIPTION</u>
Twin-Lakes	Devonian	Chaves	8S-28E	Sec. 35 SE/4 Sec. 36 S/2
			9S-28E	Sec. 1 all Sec. 2 E/2
Fowler-Blinebry	Blinebry	Lea	24S-37E	Sec. 15 W/2 Sec. 16 all Sec. 21 N/2 Sec. 22 NW/4
Acme	San Andres	Chaves	8S-27E	Sec. 5 SW/4 Sec. 6 S/2 Sec. 7 all
				Sec. 8 W/2
Santo Nino	Delaware lime	Eddy	19S-29E	Sec. 1 SE/4 Sec. 12 E/2
			19S-30E	Sec. 6 S/2 Sec. 7 all

3. Certain existing oil reservoirs have been extended by recent
development, and the following described lands should be added to and embraced
within said oil pools as follows:

<u>POOL</u>	<u>PRODUCING HORIZON</u>	<u>COUNTY</u>	<u>TWP. & RGE.</u>	<u>DESCRIPTION</u>
House	Drinkard	Lea	20S-38E	Sec. 11 S/2 Sec. 12 S/2 & NE/4 Sec. 13 N/2 Sec. 14 N/2
			20S-39E	Sec. 7 W/2 Sec. 18 NW/4
Bough	Permo-PE	Lea	9S-36E	Sec. 7 SW/4 Sec. 18 W/2 & SE/4

Vacuum	San Andres	Lea	18S-34E	Sec. 5
Bagley	Siluro-	Lea	11S-33E	Sec. 33 SE/4
Siluro-Devonian	Devonian			Sec. 34 SW/4
			12S-33E	Sec. 3 W/2
				Sec. 4 E/2

It is therefore ordered that the above described areas are classified named, and defined as oil pools.

DONE this 29 day of March 1951.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Edwin L. Mechem
EDWIN L. MECHEM, Chairman

Guy Shepard
GUY SHEPARD, Member

R. R. Spurrer
R. R. SPURRIER, Secretary

House, Lea COUNTY

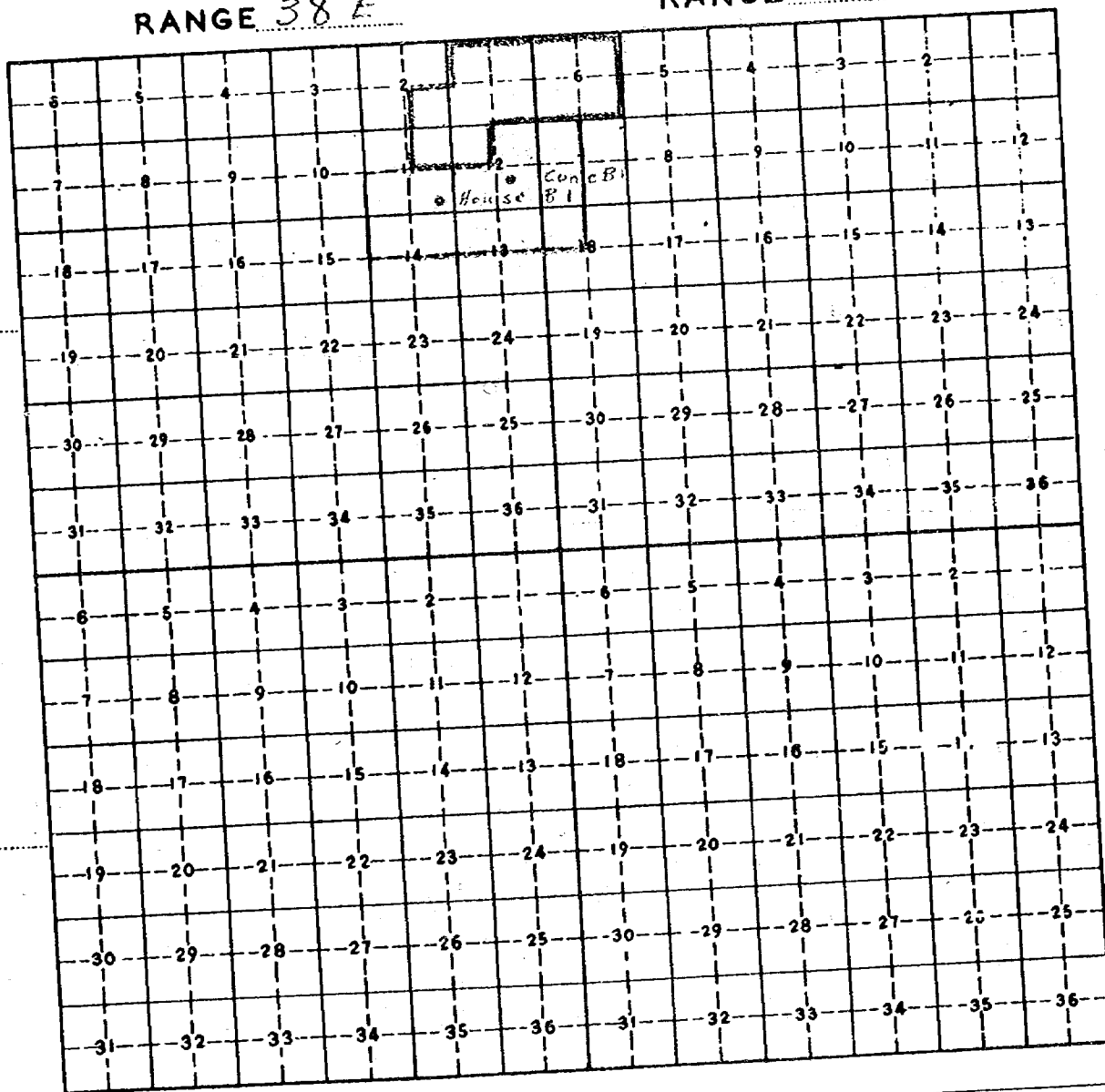
BASE AND MERIDIAN

RANGE 38 E

RANGE 39 E

TWP. 20 S

TWP.



20 S - 39 E

S/2 Sec 11

S/2 NE 1/4 " 12

N/2 " 13

N/2 " 14

20 S - 39 E

W/2 Sec 7

NW " 18

STANOLIND OIL AND GAS COMPANY

FAIR BUILDING

FORT WORTH, TEXAS

C. F. BEDFORD
DIVISION PRODUCTION SUPERINTENDENT

February 7, 1951

File: LHB-5102-310.21

Subject: Well Completion Data

Never made 20

265

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier, Secretary-Director

Gentlemen:

Reference is made to your recent request, made to our Hobbs office, for information on the following wells:

State "D" Tract 14 #1 *new pool*
D. E. Howse "B" #1 } *Howse*
G. M. Cone "B" #1 }

Attached are geologists affidavits concerning these wells, together with electric logs on the Cone and Howse wells, and a radioactivity log on the State "D" Well, which we believe, will provide the information you desire.

It will be noted from these attachments that we believe the Howse "B" #1 and Cone "B" #1 wells to be extensions of the Howse Pool. The State "D" Tract 14 #1 is indicated to constitute a new pool, for which we suggest the name "Fowler - Blinbry".

Please advise if further information is desired.

Yours very truly,

C. F. Bedford.

LHB:ba
Attachments

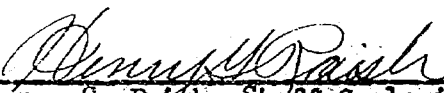
AFFIDAVIT

State of Texas)
County of Tarrant)

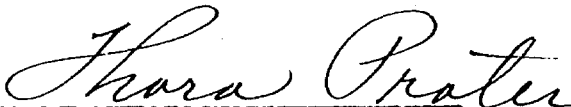
BEFORE ME, the undersigned authority, on this day personally appeared Henry G. Raish, known to me to be the person whose name is subscribed to this instrument, who, being by me duly sworn, on oath states:

That the Stanolind Oil and Gas Company's No. 1 G. M. Cone "B", located 1980 feet from the south and east lines of Section 12, Township 20 South, Range 38 East, Lea County, New Mexico, with total depth of 7070 feet and top of pay at 6976 feet is producing from the Drinkard horizon and properly belongs in the House Pool.

Executed this 6th day of February, 1951


Henry G. Raish, Staff Geologist
Exploration (Geological) Department
North Texas-New Mexico Division
Stanolind Oil and Gas Company
Fort Worth, Texas

Subscribed to and sworn to before me this 6th day of February, 1951


Thora Prater
Notary Public in and for Tarrant
County, Texas

3009 Goldenrod Avenue
Fort Worth 3, Texas

A F F I D A V I T

State of Texas)
County of Tarrant)

BEFORE ME, the undersigned authority, on this day personally appeared Henry G. Raish, known to me to be the person whose name is subscribed to this instrument, who, being by me duly sworn, on oath states:

That the Stanolind Oil and Gas Company's No. 1 State "D" Tract No. 14, located 660 feet from the south and east lines of Section 16, Township 24 South, Range 37 East, Lea County, New Mexico, on the basis of subsurface information, is producing from a formation and at such a depth as to exclude all probability that the oil producing horizon in this well, will be an extension of or connected to any other known producing area. The subject well was deepened from 3540 feet to a new total depth of 5807 feet and was completed as a producer from the Blinbry horizon, with top of pay encountered at 5705 feet. To our knowledge, the nearest pool producing from this horizon is the Blinbry Pool, eleven miles to the north-northeast.

Executed this 6th day of February, 1951



Henry G. Raish, Staff Geologist
Exploration (Geological) Department
North Texas-New Mexico Division
Stanolind Oil and Gas Company
Fort Worth, Texas

Subscribed to and sworn to before me this 6th day of February, 1951



Thora Prater
Notary Public in and for Tarrant
County, Texas

3009 Goldenrod Avenue
Fort Worth 3, Texas

AFFIDAVIT

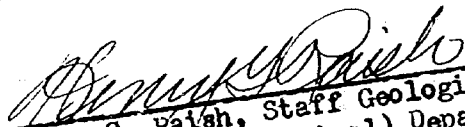
State of Texas }

County of Tarrant }


BEFORE ME, the undersigned authority, on this day personally appeared Henry G. Raish, known to me to be the person whose name is subscribed to this instrument, who, being by me duly sworn, on oath states:

That the Stanolind Oil and Gas Company No. 1 D. E. House "B", located 660 feet from the south and east lines of Section 11, Township 20 South, Range 38 East, Lea County, New Mexico, with plug back total depth 7092 feet and top of pay at 6930 feet, is producing from the Drinkard horizon and properly belongs in the House Pool.

Executed this 6th day of February, 1951


Henry G. Raish, Staff Geologist
Exploration (Geological) Department
North Texas-New Mexico Division
Stanolind Oil and Gas Company
Fort Worth, Texas

Subscribed to and sworn to before me this 6th day of February, 1951


Thora Prater
Notary Public in and for Tarrant
County, Texas

3009 Goldenrod Avenue
Fort Worth, 3, Texas

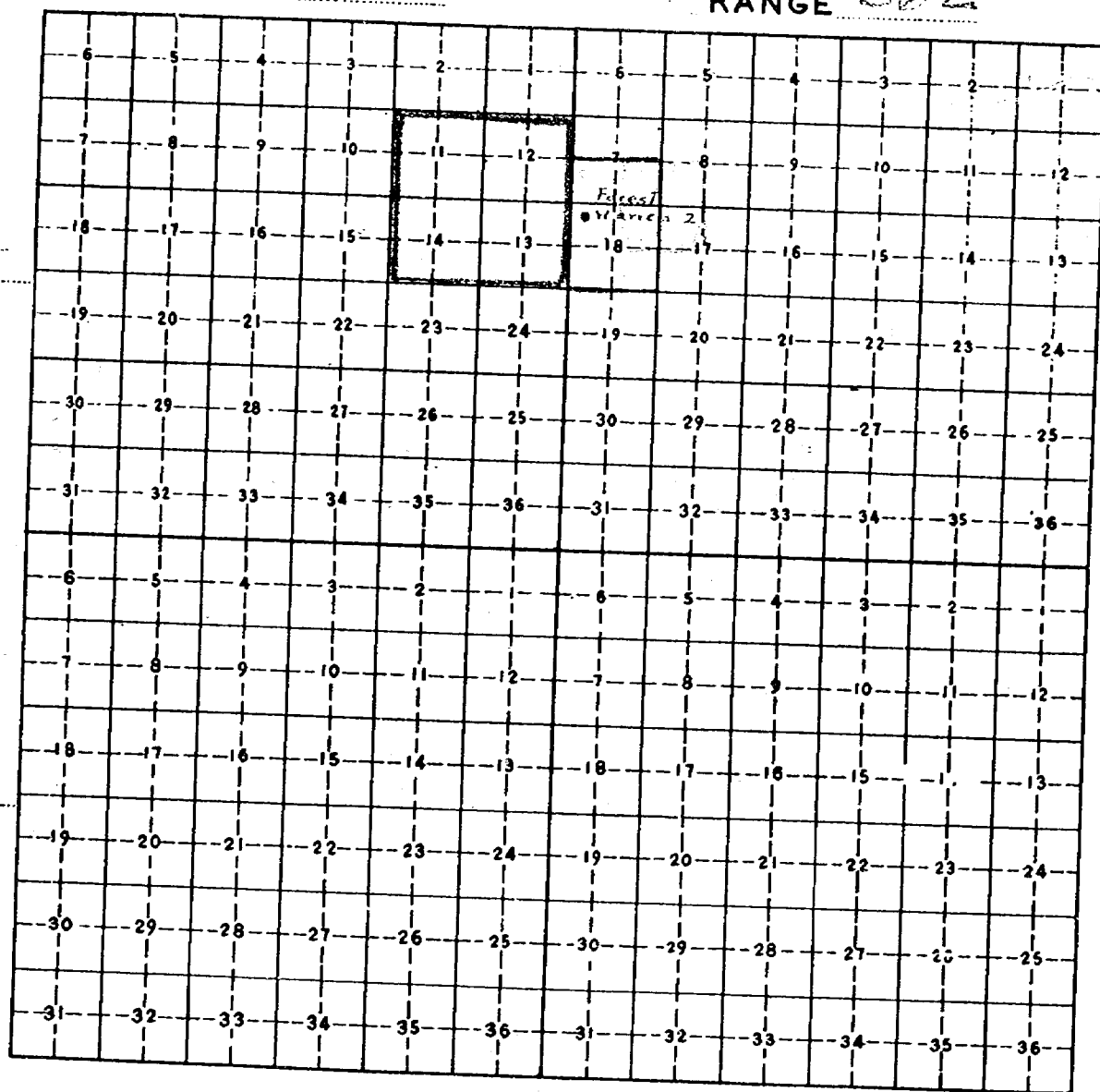
Dough, Lea COUNTY WOLF CAMP
BASE AND MERIDIAN

RANGE 35 E

RANGE 26 E

TWP. 9 S

TWP. 10 S



March Hearing

Forest Oil Corporation

Midland, Texas

February 2, 1951

261

Mr. R. R. Spurrier
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Sir:

In your letter of January 22, 1951, you asked for information on the Forest Oil Corporation No. 2 Federal-Warren test in Lea County, New Mexico.

The Forest Oil Corporation No. 2 Federal-Warren, located 660 feet from north and west lines of Section 18, T-9-S, R-36-E, was spudded October 6, 1950; drilled to a total depth of 9664 feet and completed as a producer on December 22, 1950. Production is from the Bough lime of the Wolfcamp, lower Permian. The Bough lime is the source of production in the Bough pool, located in T-9-S, R-35-E, Lea County, New Mexico. Formation tops on the well are as follows: Anhydrite, 2180 feet; Yates sand, 2770 feet; San Andres, 4025 feet; Glorieta sand, 5460 feet; Abo, 7655 feet; Wolfcamp, 8895 feet; Bough lime, 9631 feet; total depth 9664 feet. Elevation is 4109 feet.

Five and one-half inch casing was set at 9663 feet with 1650 sacks of cement and perforated from 9647 to 9653 feet with 24 holes.

The test flowed natural 252 barrels of oil per day through 1/4th inch tubing choke. Gas-oil ratio was 1556:1; gravity 47.8°; flowing tubing pressure 570 pounds.

In my opinion this well is an extension to the Bough pool and not a new pool.

Sincerely,

FOREST OIL CORPORATION

W. L. Woolley
W. L. Woolley

WLW:mo'b

FEB 3 1951

Vacuum, Lea COUNTY

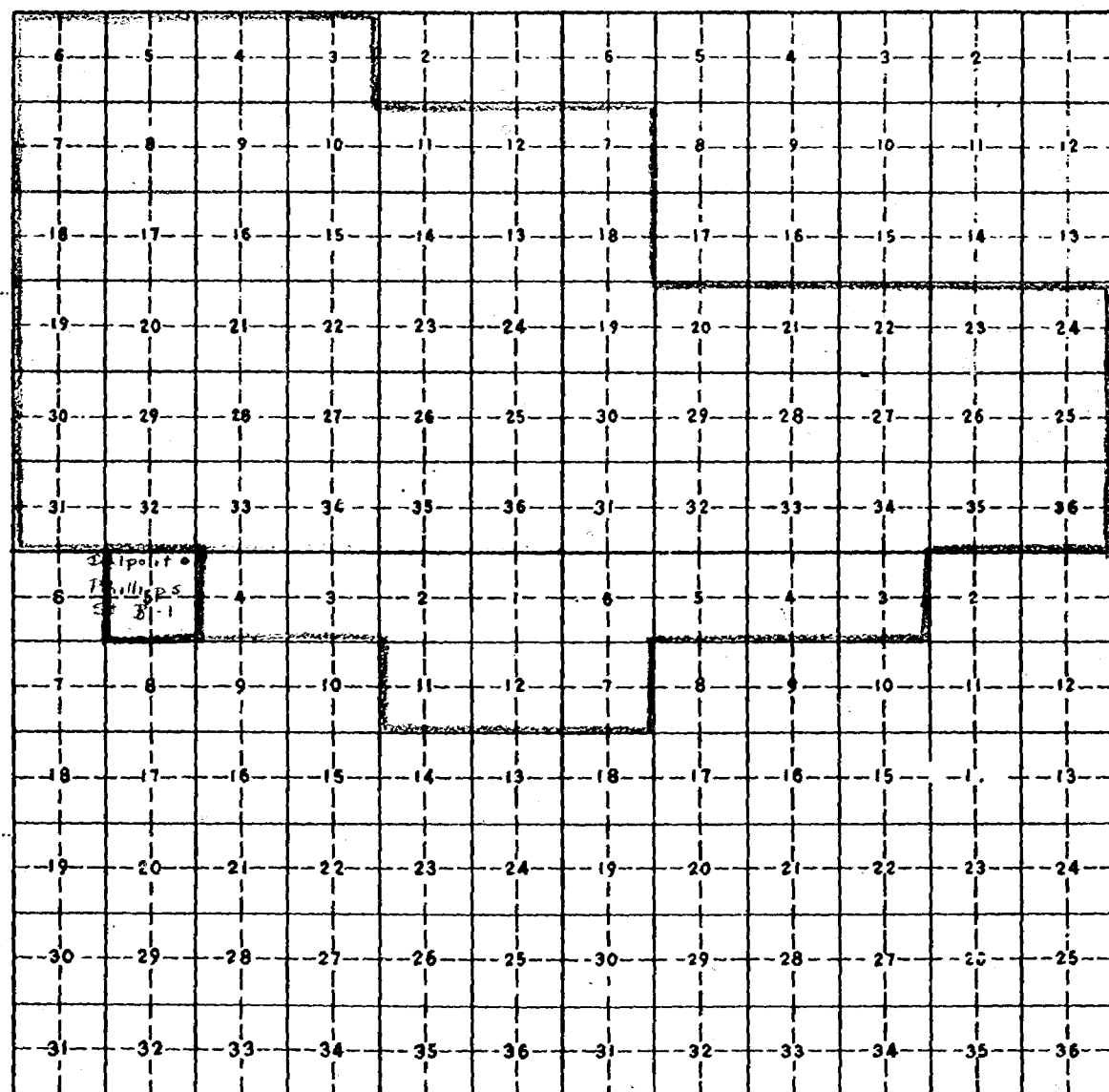
BASE AND MERIDIAN

RANGE 34E

RANGE 35E

TWP 17S

TWP 18S



March Hearing

DALPORT OIL CORPORATION
1304 MAGNOLIA BUILDING
DALLAS, TEXAS

W. L. TODD, PRESIDENT
W. L. TODD, JR., VICE-PRES.

TELEPHONES: LD 485
RANDOLPH 3114

February 1st, 1951.

262

New Mexico Oil Conservation Commission,
Box 871,
Santa Fe, New Mexico.

RE: Our Phillips State "B"-1
330' from the North Line and
660' from the East Line,
Sec. 5, T-18S, R-34E
Lea County, New Mexico.

Gentlemen:

We received a request from Mr. A. L. Porter, Jr.,
of the Hobbs office requesting information concerning the
above well so that you might be able to make a pool designa-
tion or extension to cover this well.

This well is producing from the San Andres from
4618 to 4750. The top of the San Andres by samples was 4610,
and since it is offset to wells in the Vacuum Pool we believe
an extension of the Vacuum Pool to cover this well would be
the proper designation.

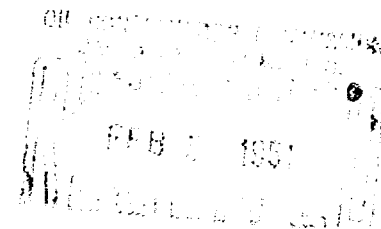
If we can furnish you with any further information
please advise.

Yours very truly,

DALPORT OIL CORPORATION

By *W. L. Todd Jr.*

WLTJr:wm



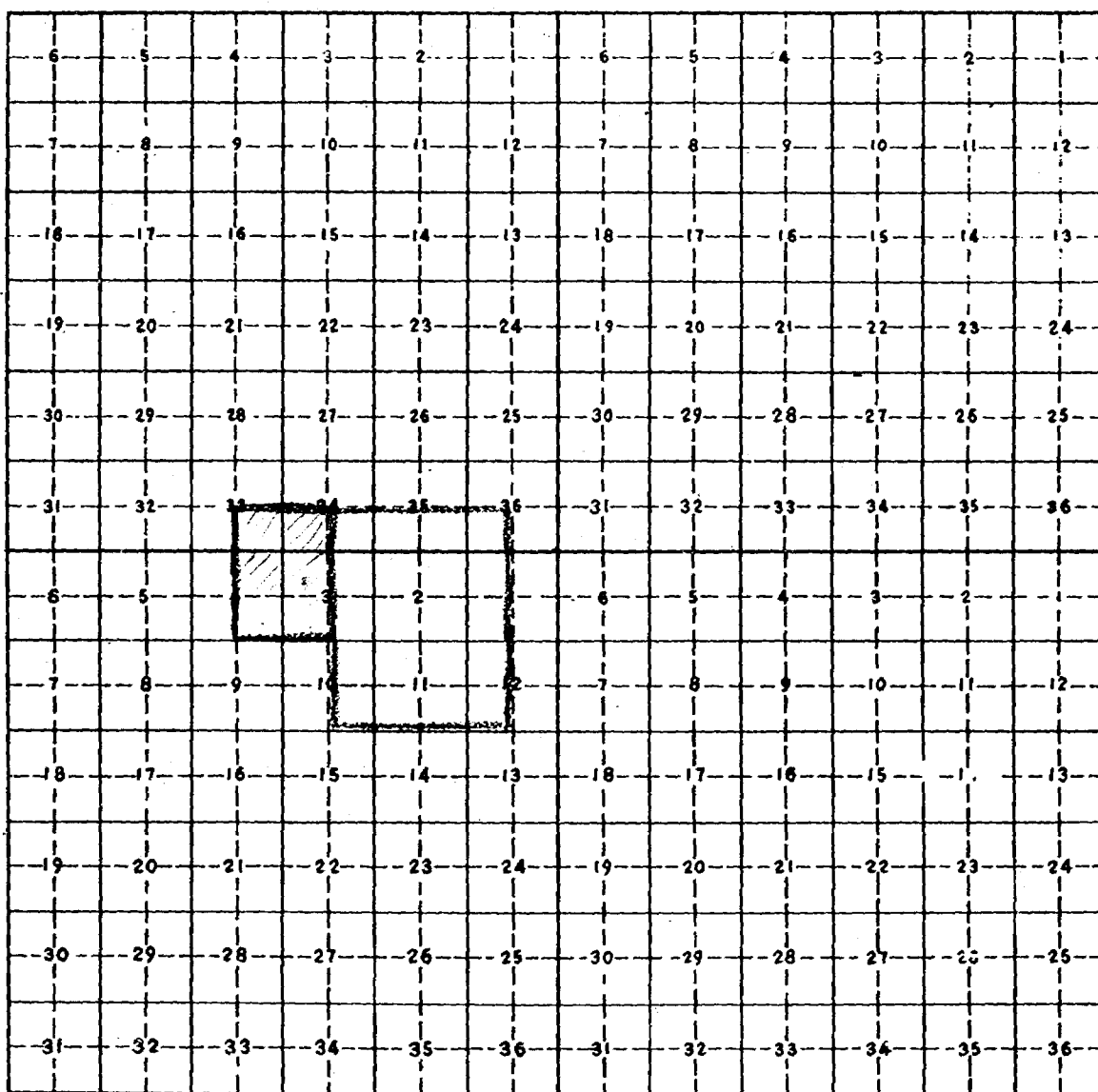
Bagley COUNTY
Siluro Dev BASE AND MERIDIAN

RANGE 33 E

RANGE

TWP 11 S

TWP 12 S



GENERAL OFFICES
120 BROADWAY, NEW YORK
BEACON BLDG., TULSA

AMERADA PETROLEUM CORPORATION

W. T. WAGGONER BUILDING
P. O. BOX 1348

Ft. Worth 1, Texas
February 5, 1951

March hearing
267

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attention: Mr. R. R. Spurrier, Director

Gentleman:

We have Mr. A. L. Porter's form letter dated January 30, 1951, concerning our J. T. Caudle Well No. 2, located in Section 3, T-12-S, R-33-E, Lea County, New Mexico.

The subject well was completed in the Devonian formation and is considered an extension to the Bagley Siluro-Devonian Field. Attached hereto is an affidavit prepared by our District Geologist, Mr. John Veeder, who deposes and says in his opinion the J. T. Caudle No. 2 well is producing from the same reservoir as the wells in the Bagley Siluro-Devonian Field.

We recommend that the area of the Bagley Siluro-Devonian Field be enlarged to include the following:

W-1/2 Sec. 3, T-12-S, R-33-E
NE-1/4 Sec. 4, T-12-S, R-33-E
SE-1/4 Sec. 33, T-11-S, R-33-E
SW-1/4 Sec. 34, T-11-S, R-33-E.

Copies of Form C-104 and C-105, correcting the field name, will be forwarded at once.

Yours very truly,

AMERADA PETROLEUM CORPORATION

J. O. Hathaway

RSC/VR

By: R. S. Christie
R. S. Christie

CC: Mr. R. E. Seifert
Mr. Don Topper
Mr. A. L. Porter, Jr.
File

RE: CLASSIFICATION OF AMERADA)
PETROLEUM CORPORATION'S)
J. T. CAUDLE NO. 2 WELL,) - BEFORE THE NEW MEXICO OIL
LOCATED IN SEC. 3, T-12-S,) CONSERVATION COMMISSION
R-33-E, LEA COUNTY, NEW)
MEXICO.)

AFFIDAVIT

The undersigned, John Veeder, of lawful age, being first duly sworn, desposes and says:

1. That he is employed by Amerada Petroleum Corporation in the capacity of District Geologist.
2. That Amerada Petroleum Corporation owns and operates the J. T. Caudle No. 2 well located in Sec. 3, T-12-S, R-33-E, Lea County, New Mexico.
3. That the J. T. Caudle No. 2 well is completed in and producing from the Devonian formation.
4. That the J. T. Caudle No. 2 well is producing from the same reservoir as are all the wells in the Bagley Siluro-Devonian Field.
5. That the Bagley Siluro-Devonian Field should be enlarged to include the J. T. Caudle No. 2 well.

DATED THIS 7th day of February, 1951.

John C. Veeder
John Veeder

Subscribed and sworn to before me this 7 day of February, 1951.

My Commission expires:

6-1-51

Virginia Garner
Notary Public

TWIN LAKES

COUNTY

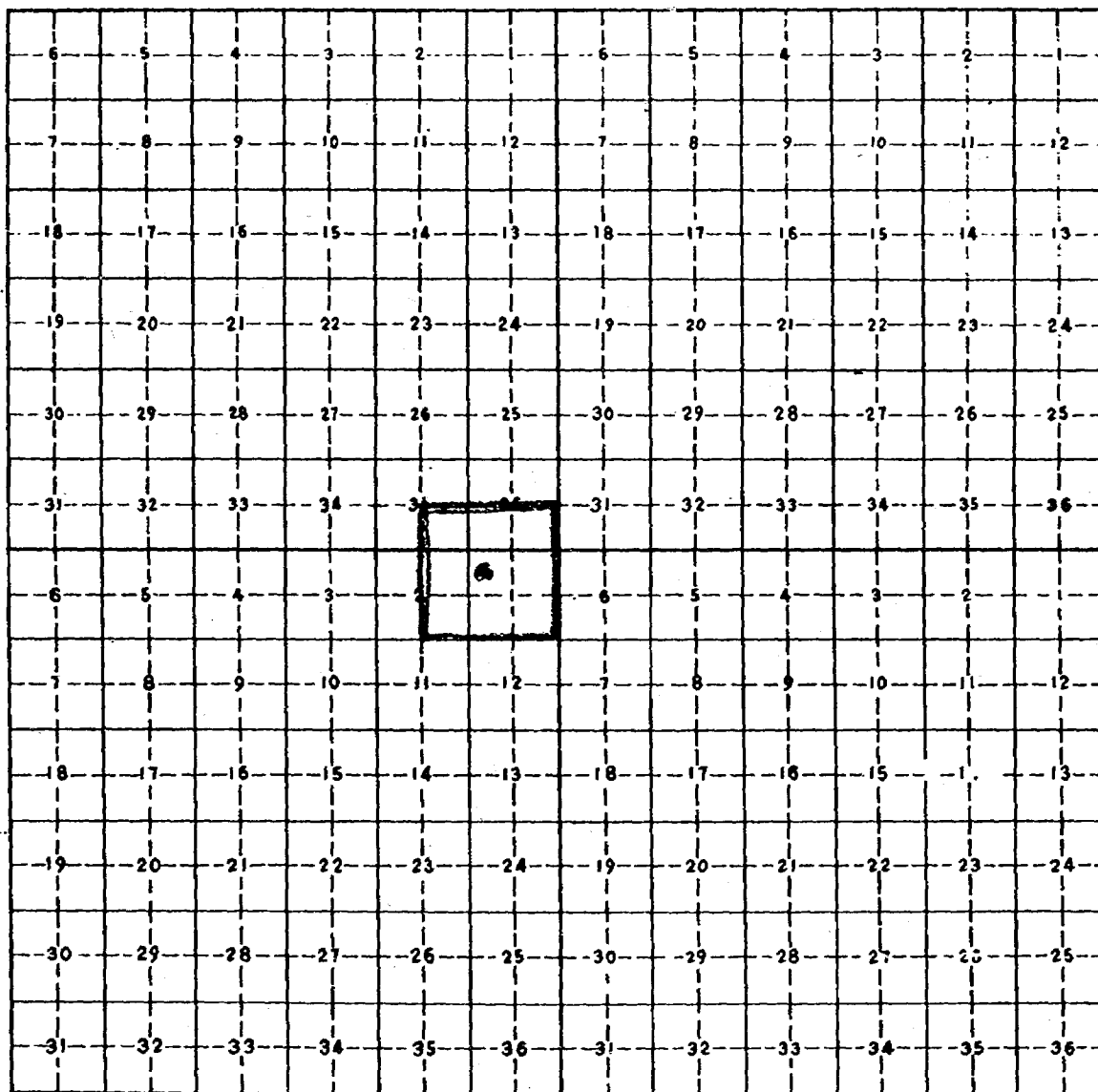
BASE AND MERIDIAN

RANGE 28E

RANGE 29E

TWP 85

TWP 95



85 - 28E

SE 1/4 35

5/2 " 36

95 - 28E

all Sec 1

5/2 " 2

STATE OF NEW MEXICO
OFFICE OF STATE GEOLOGIST
SANTA FE, NEW MEXICO

March 9, 1951

C
O
P
Y

Mr. William E. McKellar, Jr.
Magnolia Petroleum Company
Dallas, Texas

RE: Case 263 - creation of "Twin Lakes" pool

Dear Ed:

Thanks for your wire of March 12. On February 17,
Mr. Robert E. Murphy gave us a complete well history containing
formation tops, Schlumbergers, etc.

No doubt you or one of Magnolia's representatives will
attend the meeting and offer further evidence.

We look forward to seeing you on March 20.

Very truly yours,

Secretary and Director

bpw

CLASS OF SERVICE

This is a full-rate Telegram or Cablegram unless its deferred character is indicated by a suitable symbol above or preceding the address.

WESTERN UNION

1201

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegram

VLT=Int'l Victory Ltr.

W. P. MARSHALL, PRESIDENT

The filing time shown in the date line on telegrams and day letters is STANDARD TIME at point of origin. Time of receipt is STANDARD TIME at point of destination

LA64 DA177

D.LLC309 DL PD=WUX DALLAS TEX 12 1015A=

1951 MAR 12 AM 10 05

R R SPURRIER, STATE GEOLOGIST=

BOX 871 SANTA FE NEW MEXICO=

DO YOU DESIRE ADDITIONAL INFORMATION FROM MAGNOLIA REGARDING
NOMENCLATURE FOR TWIN LAKES. IF SO PLEASE WIRE COLLECT AS TO
WHAT ADDITIONAL INFORMATION IS DESIRED FOR THE 20TH=
WILLIAM E MCKELLAR JR MAGNOLIA PETROLEUM CO=

No

20=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

MAGNOLIA PETROLEUM COMPANY

A SOCONY-VACUUM COMPANY

P. O. Box 672
Roswell, New Mexico
February 17, 1951

State of New Mexico
Oil Conservation Commission
Santa Fe, New Mexico

Re: Pool Name Request
Devonian Wildcat Discovery, 12-12-50
Magnolia #1 O'Brien "B"
C NW NW, Section 1-9S-28E
CHAVES COUNTY, New Mexico.

2/20/51

Gentlemen:

Magnolia Petroleum Company as operators of the O'Brien #1-B discovery well, requests a pool name to be assigned as "Twin Lakes", so called because the location is adjacent to two local lakes which have the same name.

In accordance with the geological information obtained by drilling this well, the oil production is contained in a single reservoir of porous dolomite encountered at 7253' (-3304). This pay is similar to and correlated with the producing horizon in the nearest producing field, which is the Lightcap Pool located seven miles distant Northeast.

Formation Tops: The following sample tops have been established from geological examination of the well cuttings:

Anhydrite	670'	(-3279)		Devonian	7244'	(-3295)
San Andres	1950'	(-1999)	(correl.)	Montoya	7356'	(-3407)
Glorieta	3101'	(-848)		Ellenburger	7540'	(-3591)
Yeso	3210'	(-739)		Pre-Cambrian	7656'	(-3707)
Abo	5360'	(-1411)		T/P	7253'	(-3304)
Permo-Penn	6130'	(-2181)		TD	7666'	(-3717)
Miss.	7015'	(-3066)		PBTD	7300'	(-3351)

Attached herewith is a copy of the Schlumberger Electric Log run 12-4-50, showing the formation tops according to the Schlumberger as marked thereon.

Attached also is a land plat outlining the proposed limits of the Twin Lakes Pool as follows:

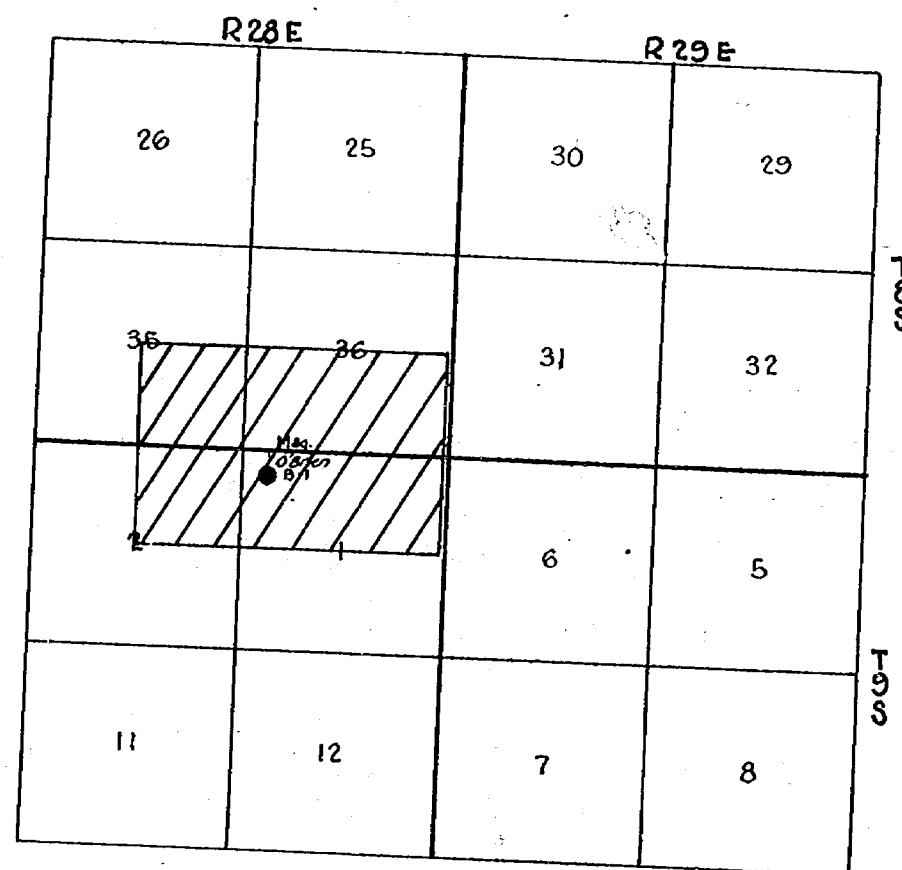
SE $\frac{1}{4}$ of Sec. 35, S $\frac{1}{2}$ of Section 36, Township 8 South, Range 28 East;
and N $\frac{1}{2}$ of Section 1, NE $\frac{1}{4}$ of Section 2, Township 9 South, Range 28 East, N.M.P.M.

REM:cs
Enclosures
cc S. P. Hannifin, District Land Man
John T. Rouse, Dallas, Texas

Very truly yours,

Robert E. Murphy
Robert E. Murphy
District Geologist

Oil Conservation Commission
State of New Mexico
Pool Name Request
Plat Attached to Letter Dated 2-17-51



Proposed Outline
TWIN LAKES POOL
(Dev. 7250-75)

FOWLER-BLINEBRY

COUNTY

BASE AND MERIDIAN

RANGE 27E

RANGE

TWP 24S

TWP

6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36
6	5	4	3	2	1	6	5	4	3	2	1
7	8	9	10	11	12	7	8	9	10	11	12
18	17	16	15	14	13	18	17	16	15	14	13
19	20	21	22	23	24	19	20	21	22	23	24
30	29	28	27	26	25	30	29	28	27	26	25
31	32	33	34	35	36	31	32	33	34	35	36

W/2 Sec 15

all " 16

N/2 " 21

NW " 22

ABO
Shadida, Polk Co. Mo.

COUNTY

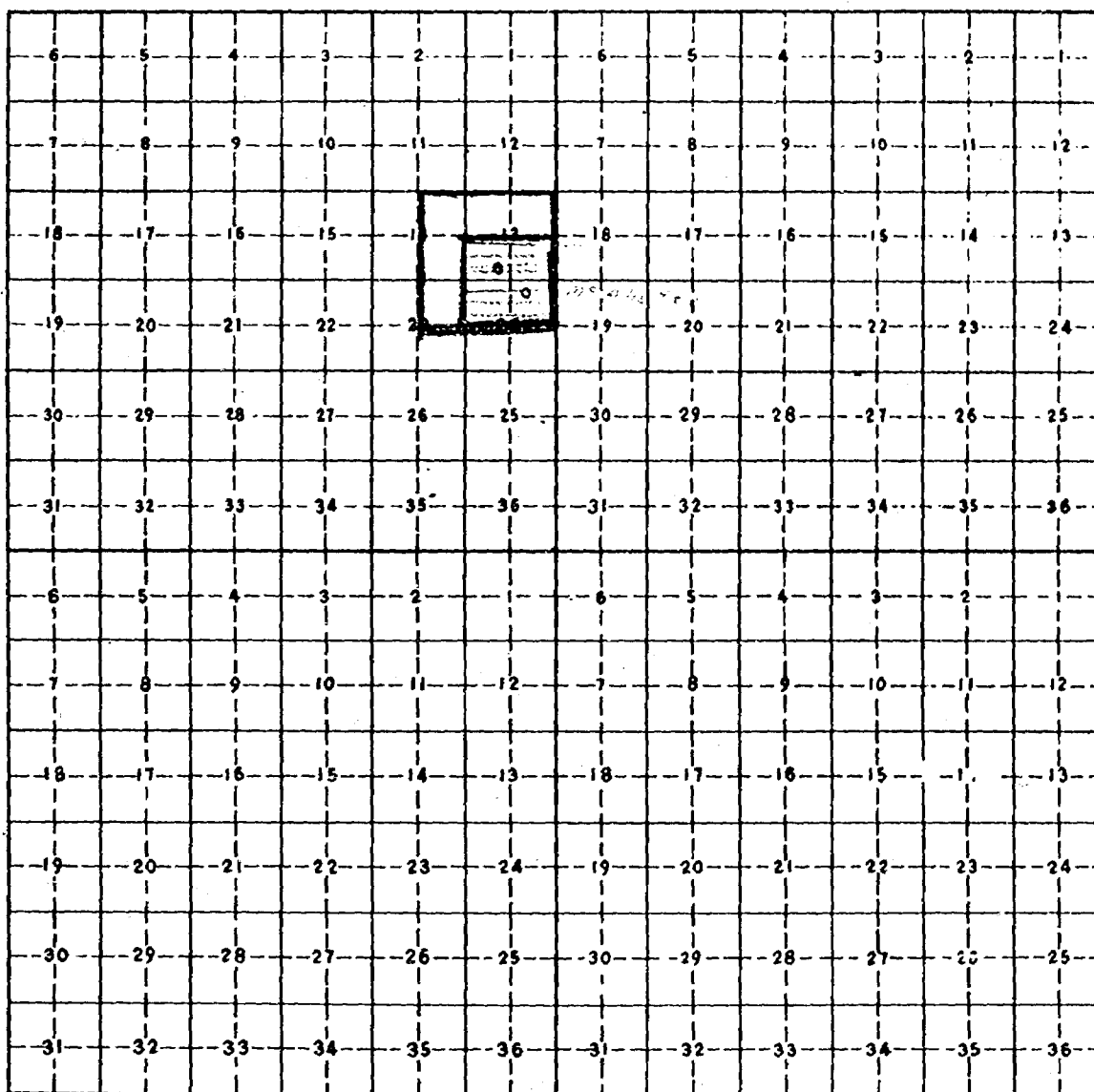
BASE AND MERIDIAN

RANGE *27*
25

RANGE *27E*

TWP. *12S*

TWP.



• *ABO 12S-27E*

All Sec. 13

E/2 " 14

N/4 " 23

N/2 " 24

SINCLAIR OIL & GAS COMPANY

Box 1470
Midland, Texas
February 7, 1951

*March Learning
268*

Mr. R. R. Spurrier
Secretary-Director
Oil Conservation Commission
Santa Fe, New Mexico

Dear Sir:

With reference to your letter of January 22, 1951, the following data are available on Sinclair Oil & Gas Company's Virgie Green Tract A, Well No. 1:

Virgie Green "A" No. 1 is located 660' from the South and East lines of SW/4, Sec. 13, Twp. 12-S, Range 37-E, Lea County, New Mexico. The total depth of this well was 12,192 to test the Devonian formation.

The DST perforations on the Devonian formation were from 12,157 to 12,204. Recovered 27' of water blanket, 270' of drilling mud and 8100' of sulphur water with no show of oil or gas.

The 5" pipe was ran to 9764' and cemented with 800 sacks of cement.

The perforations, 9367-9467, 9438-9458, 9503-9523, and 9538-9593, opposite the Wolfcamp formation were utilized to complete this well. A total of 6000 gallons of acid was used at various times in the various perforations to make this well produce oil.

Virgie Green "A" No. 1 was completed February 5, 1951 for 50 barrels of oil and 2-1/2 barrels water pumped in the preceeding 24 hour period.

The top of the Wolfcamp formation was encountered at 9095' and the top of the Devonian formation was encountered at 12,153'. The elevation of this well is 3881'.

The offset well, McAlister Fuel Company No. 1 "A" Brownfield, located 660' from North and 1980' from East line of Section 24, Twp. 12-S, Range 37-E, Lea County, New Mexico is, according to our information, producing from perforations in the oil string at 11,785' to 11,840' from the Devonian formation with the top of this formation at 11,785'. The elevation of this well is 3894'. The Wolfcamp formation, according to Sinclair Oil & Gas Company's geological department, in the No. 1 "A" Brownfield, was encountered at 9020'.

Abc &

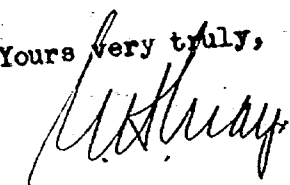
McAlister - 11,785' to 11,840'

Mr. R. R. Spurrer
February 7, 1951
Page 2

The difference of sub-sea interval of production from the McAllister Fuel Company's No. 1 "A" Brownfield and Sinclair Oil & Gas Company's Virgie Green No. 1 is 2405' as the No. 1 "A" Brownfield is producing from the Devonian formation and the Green "A" No. is producing from the Wolfcamp formation.

Trusting this information meets with your requirements, I remain,

Yours very truly,



G. H. Gray

GHG/lm

LEVICK

Chaves COUNTY

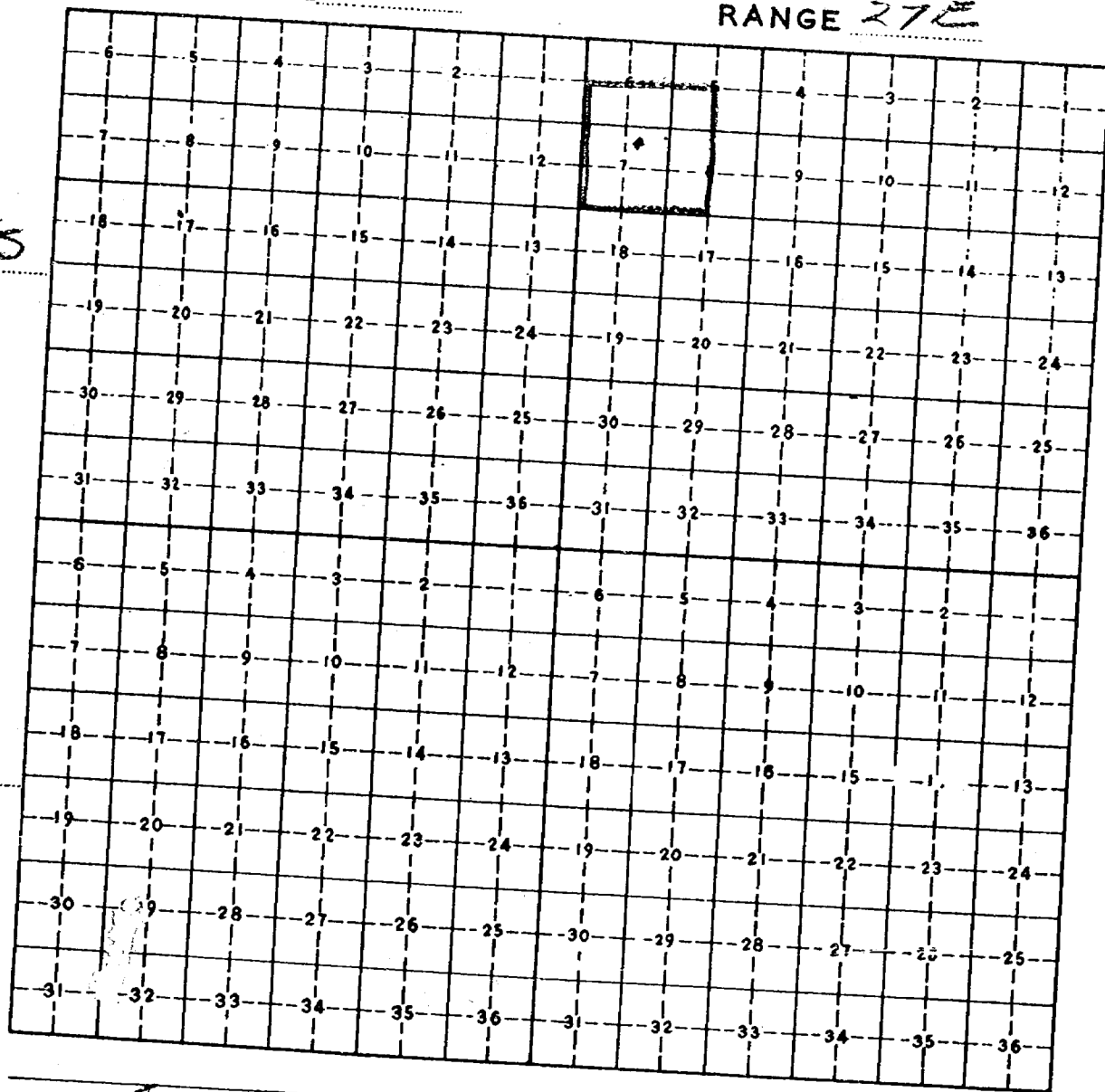
BASE AND MERIDIAN

RANGE

RANGE 27E

TWP 8S

TWP



8S-27E
SW 1/4 5
S/2 " 6
all " 7
W/2 " 8

March 20 - hearing

P. O. Box 1113
Roswell, N. M.
February 4, 1951

Mr. R. R. Sourrier
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

264

Dear Sir:

I have your request for full information on the Earl G. Levick State #1 well in NWNE Sec. 7, Twp. 8 So., Rge. 27 East, Chaves County - for use in your regularly scheduled hearing for February 20, 1951.

Production in this well is from the San Andres Dolomite - the pay zone encountered at 1975' to 1990'. The oil is black, asphaltic base - about 25 gravity at the well and loads at the tank about 22 gravity.

This zone has not been properly acidized as yet and we expect to do this in the immediate future. The production at present is approximately two barrels per day. The oil is currently purchased by the Malco Refineries, Inc.

This well is located on the Rube Faircloth Ranch approximately 1 mile northeast of High Lonesome Filling Station (Acme Postoffice) on Highway 70 approximately 25 miles northeast of Roswell.

We believe this well will react very favorably to a satisfactory acid treatment - out of a total of 1750 gallons used so far it is estimated that not more than 250 gallons could have been effective on the pay zone - this due to packer failure in one case and to improper packer in the casing head on the last acid treatment. We expect to treat this well with 1500 gallons and in a manner that should secure results.

I trust this information will fulfill your requirements.

Yours very truly,

Earl G. Levick
Earl G. Levick, Operator.

KEOHANE

Eddy ~~Clarks~~ COUNTY

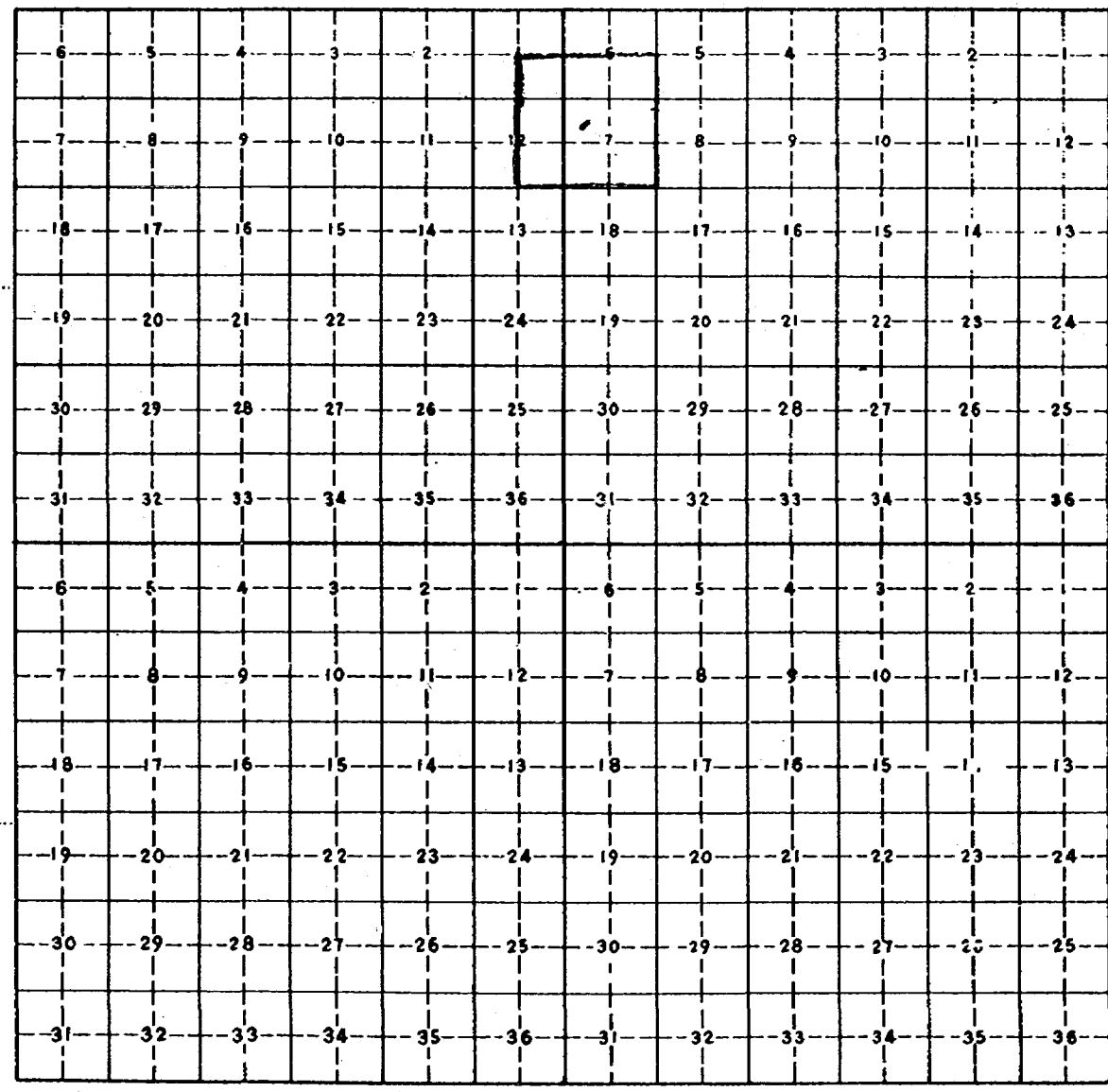
BASE AND MERIDIAN

RANGE 29E

RANGE 30E

TWP. 19S

TWP.



19S - 29E
SE Sec 1
E/2 " 12

19S - 30E
S/2 " 6
all " 7

B. M. Keohane
OIL OPERATOR
P. O. BOX 522
Roswell, New Mexico
TELEPHONE 320

March 17th, 1951

New Mexico Oil Conservation Commission
Box 871,
Santa Fe, New Mexico.

Re; Keohane Inc.
#1 D. Keohane
sec. 7 T. 19S, 30E.

In my reply of Feb. 2nd. to your letter of Jan. 26th.
I furnished all of the information available regarding
the discovery well.

I also asked that if my wishes were considered that I
would like for the new pool to be called, MIRACULOUS
INFANT pool, or INFANT JESUS pool.

It has since been brought to my attention that the
Spanish people call the INFANT JESUS OF PRAGUE,
"SANTO NINO"

I hope and it is my desire that you will call this new
pool the "SANTO NINO,"

Thanking you again and in advance for your tolerance
and consideration I remain.

Yours Respectfully

B. M. Keohane

B. M. Keohane
OIL OPERATOR
P. O. BOX 522
Roswell, New Mexico
TELEPHONE 320

February 2, 1951

March 20 - Tuesday 766-263

New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Dear Sirs:

In reply to your letter of January 26, 1951 regarding our new well, Keohane, Inc. #1. D. Keohane - 330' x 330' in NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 7, Twp. 19 South, Rge. 30 East, N.M.P.M.

The correct location is shown above. This well is offsetting a 30 bbl well, Leonard Oil Company #1 Keohane - 330' x 330', SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 6-19S-30E, N.M.P.M., producing in the Queen or Red sand from 2235 to 2245.

In drilling our well we found the Queen sand non-productive and decided to carry this well on down to the Delaware sand that is producing in small quantities in the Black River Pool, some 36 miles to the Southwest in Twp. 24 S., Rge. 28 E., and some production of consequence 54 miles south in Reeves County, Texas.

Upon reaching 3200 feet, I was somewhat discouraged to say the least, and the cost was becoming burdensome. I returned from the well one evening while my wife's study group was meeting at our house and upon being asked about the well, I volunteered that it looked like it was going to be a dry hole. They suggested that I pray to the Infant Jesus of Prague and they also would pray to him for the success of the well. This we did and I also carried a small statue of him with me while sitting on the well.

We encountered the top of the Delaware Black Lime at 3760 with a show of oil at 3908 to 3918, which was shot with 40 quarts of nitro glycerin, but did not increase any appreciable amount.

We continued drilling and had another show of oil at 3970-80 and from 4001-06, the last two showings making a total of 16 gallons of oil per hour. In running the steel line for the shot we found the bottom of the hole to be 4022 feet.

The well was then shot with 90 quarts of nitro-glycerin in a 3 $\frac{1}{2}$ " shell from 3976 to 4022 - T.D.

OIL CONSERVATION
COMMISSION

FEB 8 1951

RECEIVED

-2-

The well is now pumping and in the last 24 hours ending at 3 P.M., February 1, 1951, pumped 63 bbls of 41 gravity oil and 37 bbls of salt water. This water is not unusual as most all of the wells in the Delaware pools in Texas produce some water with the oil.

I believe that this well will open a sizeable area to possible Delaware sand production in New Mexico.

I hope I have not bored you with the above history of this well. I have placed a small statue of the Infant Jesus of Prague under a glass dome and set into the concrete foundation of the pumping unit.

If my wishes mean anything in your naming of this new Delaware Sand Pool, I would like for it to be called the MIRACULOUS INFANT POOL, or the INFANT JESUS POOL.

I believe that without his help this discovery could not have been made and really it is almost miraculous for a 16 gallon an hour or 9 barrel a day show to make a 60 barrel well.

Thanking you in advance for your consideration of my wishes, I remain

Yours respectfully,

KEOHANE, INC.

By

B. M. Keohane
B. M. Keohane

BMK:B

COUNTY

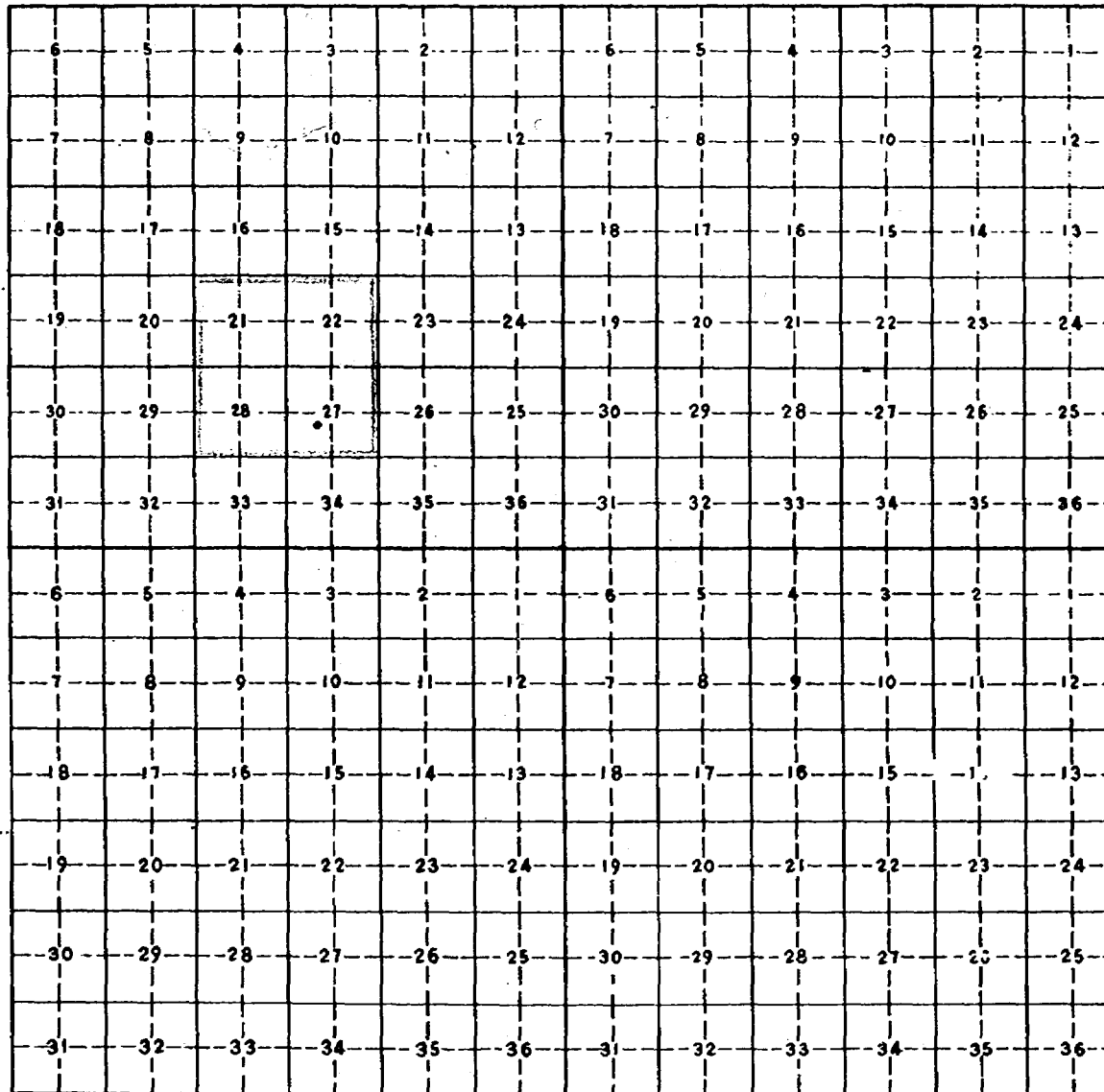
T. 14 S. R. 37 E. BASE AND MERIDIAN

RANGE 37 E

RANGE

TWP. 23 S

TWP.



Cooper. Sal COUNTY

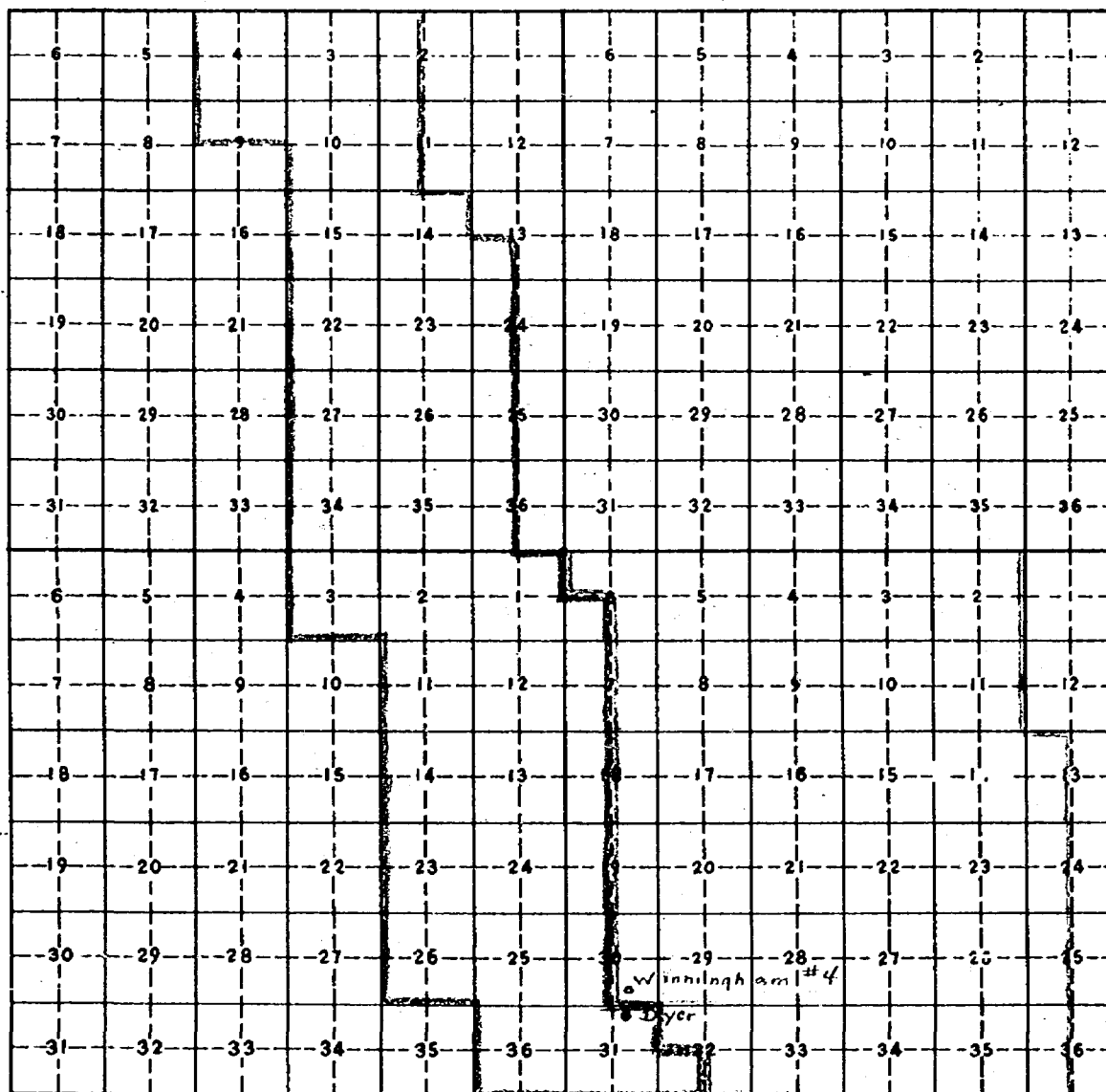
BASE AND MERIDIAN

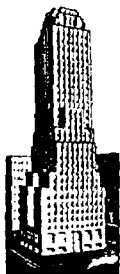
RANGE 36 E

RANGE 37 E

TWP 24

TWP 25





R. OLSEN, PRESIDENT

March 11, 1951

R. OLSEN OIL COMPANY

2809-14 APCO TOWER
OKLAHOMA CITY, OKLA.

February 2, 1951
Jal, New Mexico
Drawer Z

263

Mr. R. R. Spurrier
Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Dear Sir:

SWSE 30-25S-37E

Your letter of January 22 with reference to our Winningham No. 4, addressed to our offices in Oklahoma City, has been redirected to the Jal office for disposition.

This well was completed on December 12, 1950 in open hole from 3125' to 3206'. This is in the Seven Rivers formation.

It is our belief that this well should properly be included in the Jal or Cooper-Jal area as an extension rather than a new pool.

If memory serves me correctly there is only the east half of 30-25S and 37E which has not already been apportioned to either Cooper-Jal or Langlie-Mattix.

Inasmuch as the R. Olsen, Dyer #1 located in the NW-NW-NE of 31-25-37 is in the Cooper-Jal designated area and this Winningham #4, an offset to the north, is producing from the same relative horizon, it would seem logical to add this acreage to the Cooper-Jal field.

*dis not
after
see page 230*

I trust the above informations satisfactorily answers your inquiry.

Yours very truly,

R. OLSEN OIL COMPANY

By

Arch C. McColl, Jr.
Arch C. McColl, Jr.

ACMc/jc
cc; Mr. R. Olsen

OKLAHOMA CITY, OKLA.
FEB 6 1951
RECORDED

COUNTY

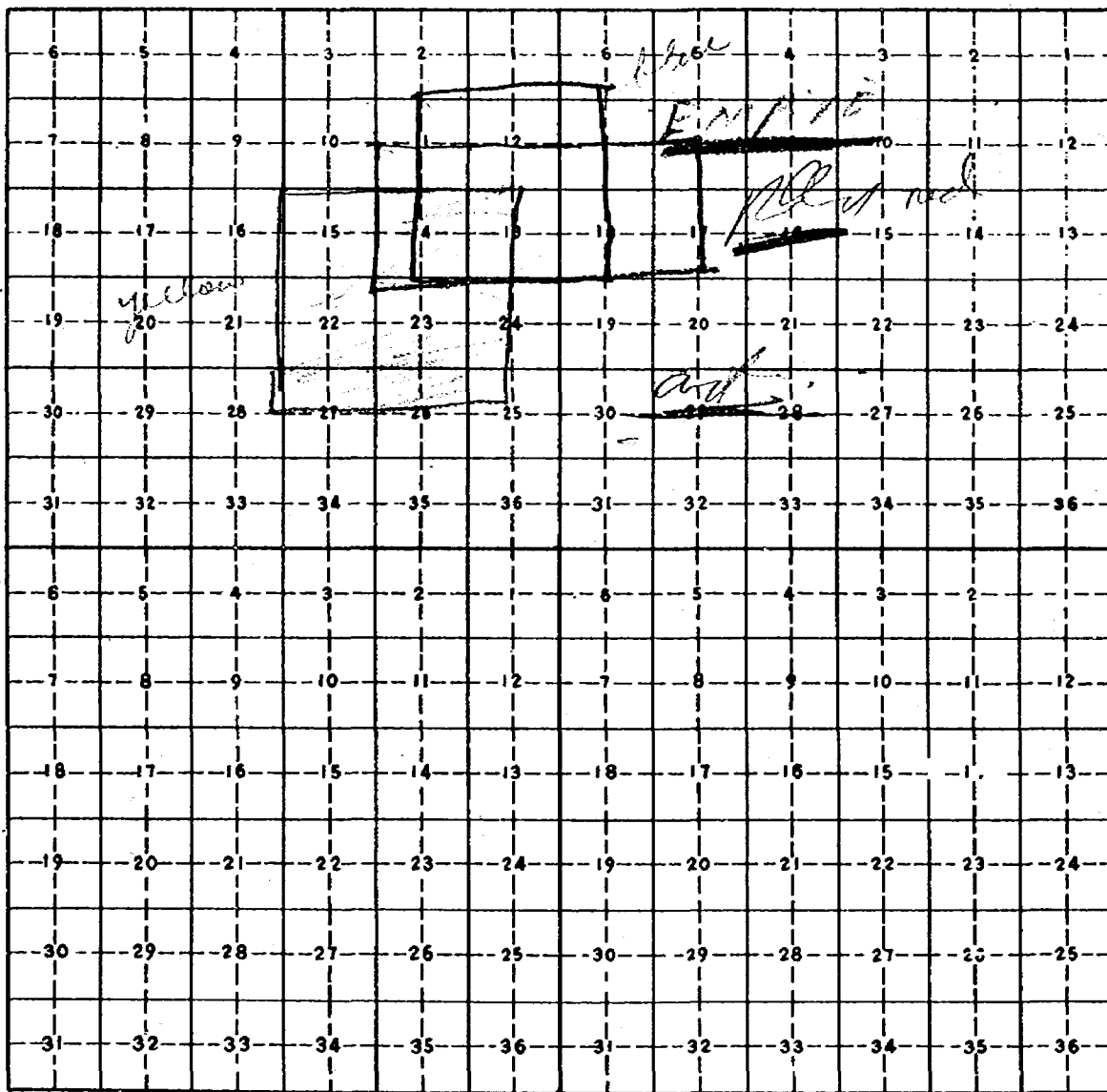
BASE AND MERIDIAN

RANGE

RANGE

TWP.

TWP. 21



27