Wheele Hearing TELEPHONES: LD 485

DALPORT OIL CORPORATION 1304 MAGNOLIA BUILDING DALLAS, TEXAS

W. L. TODD, PRESIDENT W. L. TODD, JR., VICE-PRES. 1

February 1st, 1951.

RANDOLPH 3114

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 designation 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

WLTJr:wm



R. OLSEN OIL COMPANY

2809-14 APCO TOWER OKLAHOMA CITY, OKLA.

February 2, 1951 Jal, New Mexico Drawer Z

263

March Herring

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

Dear Sir:

5WSE 30-285-37E

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.

Inasnuch 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.

I trust the above informations satisfactorily answers your inquiry.

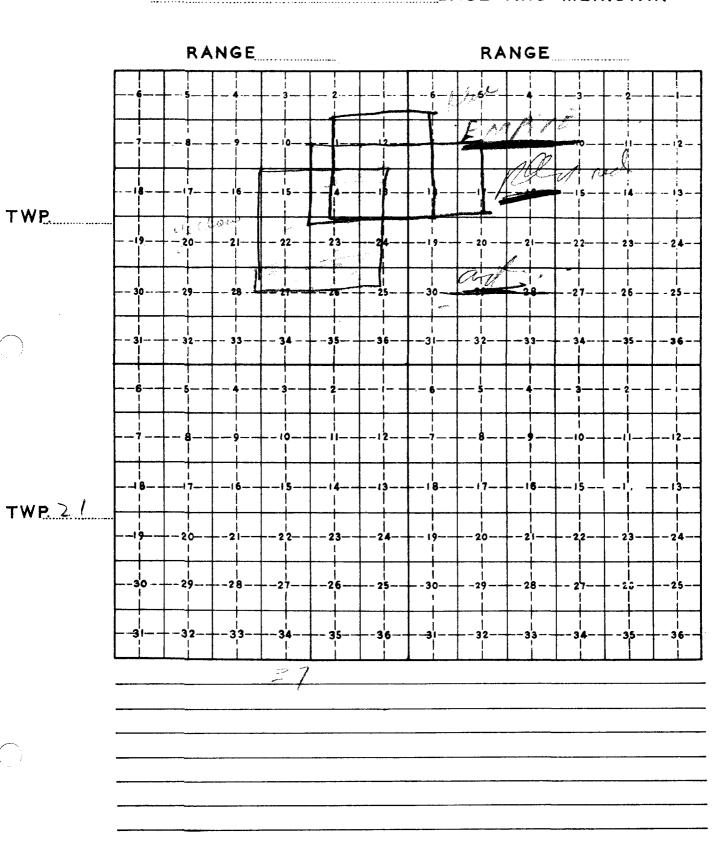
Yours very truly,

R. OLSEN CIL COLPANY

Arch C. McColl, Jr.

Musica 1951

ACMc/jc cc; Mr. R. Olsen BASE AND MERIDIAN



P. O. BOX 522 Roswell, New Mexico TELEPHONE 320

February 2, 1951

A66 265 Mach il - lile

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  $NW_{4}^{1}NW_{4}^{1}$  Sec. 7, Twp./9 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',  $SW_{\pm}^{1}SW_{\pm}^{1}$  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 appledable 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.

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

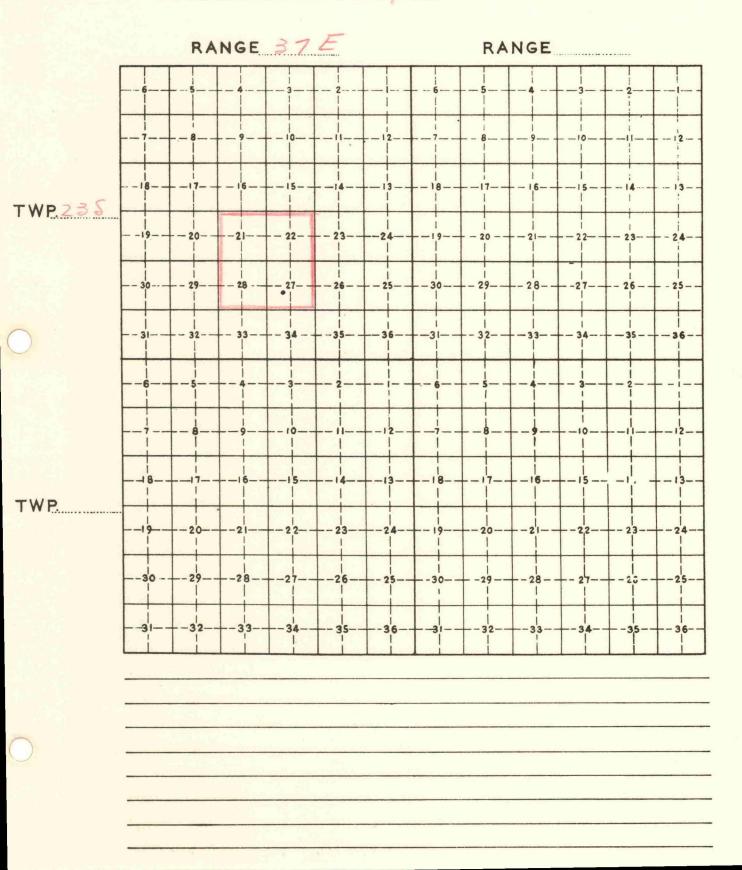
Yours respectfully,

KEOHANE, INC.
By By Bokane

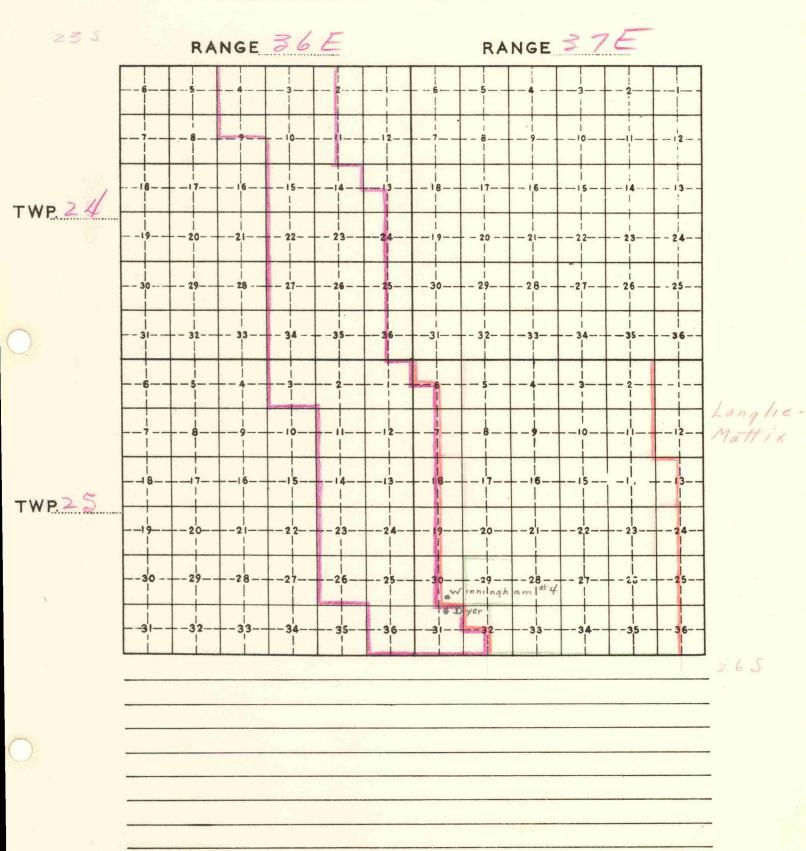
B. M. Keohane

BMK:B

## TEAGUE - Ellenbarger BASE AND MERIDIAN



# BASE AND MERIDIAN



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

M. L. Woolley

WLW:mo'b

Ma 1120-learny

P. C. Box 1118
kosvell, E. H.
February 4, 1951

Lifesion

Tr. N. R. Soustier
Now Mettico Cil Jonservation Collission
P. C. Box 871
Santa Ja, Yew Texico

De r Bir:

I have your request for full information on the Earl G. Lavick State #1 well in NWE Sec. 7, Two. 8 So., Roe. 27 East, Chaves County - for use in your regularly scheduled hearing for February 20, 1981.

Production in this well is from the San Andres Dolowite - the pay zone encountered at 1975, to 1990. The oil is black, asuhaltic 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 intediate 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 argressis tely 1 mile northeast of High Lonesome Filling Stateon (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 so far it is estimated that not nore 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 fullil your requirements.

Earl G. Levick, Operator.

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

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 desposes 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

RSC/VR

J. O. Hathaway

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

FORM 829 2-49

### 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

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 - ACC 20 20 25 6 D. B. Howse "B" #1 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 House Pool. The State "" Tract 14 #1 is indicated to constitute a new pool, for which we suggest the name "Fowler - Blinebry".

Please advise if further information is desired.

Yours very truly,

LHB:ba Attachments

#### AFFIDAVIT

State of Texas )
County of Tarrant )

REFORE 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

#### 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 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 Blinebry horizon, with top of pay encountered at 5705 feet. To our knowledge, the nearest pool producing from this horizon is the Blinebry 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

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

BEFORE THE NEW MEXICO OIL
CONSERVATION COMMISSION

#### 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 wells

DATED THIS day of Feb	$\sim$
	When a. Veeder.
Subscribed and sworn to before me this	John Veeder  day of February, 1951.
My Commission expires:	
6-1-51	Notary Public

### SINGLAIR OIL & GAS COMPANY

Bex 1476 Midland, Texas February 7, 1951

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:

March Lewing 268

Virgie Green "A" No. 1 is lecated 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 Devenian formation.

The DST perforations on the Devonian formation were from 12,157 to 12,204. Recevered 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 eil and 2-1/2 barrels water pumped in the preceding 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, lecated 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 Welfcamp formation, according to Sinclair Oil & Gas Company's geological department, in the No. 1 \*A" Brownfield, was encountered at 9020'.

abo & Gladica - reafery ? Mr. R. R. Spurrier February 7, 1951 Page 2

The difference of sub-sea interval of production from the McAlister 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 Welfcamp formation.

Trusting this information meets with your requirements, I remain,

Yours very truly,

G. H. Gray

GHG/lm

### 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 1-95-28E

CHAVES COUNTY, New Mexico.

11/2/12/2

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	6701	( <del>/</del> 3279)		Devonian	7244	( <del>-</del> 3295)
San Andres	19501	( <del>/</del> 1999)	(correl.)	Montoya	73561	<b>(-</b> 340 <b>7)</b>
Glorieta	3101	( <del>/</del> 848)		Ellenburger	75401	( <del>-</del> 3591)
Yeso	32101	( <del>/</del> 739)		Pre-Cambrian	76561	(-3707)
Abo	53601	(-1111)		T/P	72531	(-3304)
Permo-Penn	61301	(-2181)		TD	76661	<b>(→3717)</b>
Miss.	70151	( <b>-</b> 3066)		PBTD	73001	(-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:

Very truly yours,

REM:cs Enclosures

cc S. P. Hannifin, District Land Man John T. Rouse, Dallas, Texas Robert E. Murphy District Geologist Oil Conservation Commission
State of New Mexico
Pool Name Request
Plat Attached to Letter Dated 2-17-51

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

#### February 22, 1951

Editor, Roswell Record ROSWELL, NEW MEXICO

Dear Sire

Her Notice of Publication
Gam 261

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

Upon completion of the publication, send publisher's affidayit 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 MIXING OIL CONSURVATION COMPLESION

A. R. Spurrier Secretary - Director

RRS:nr Encl.

File

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

March 9, 1951

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

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

Dear Ed:

bpw

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 lookeforward to seeing you on March 20.

Very truly yours,

Secretary and Director

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

W D MADSHALL PRESIDENT

SYMBOLS

T\_D\_T\_...

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegran

VLT=Int'l Victory Ltr. '

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

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D.LLC309 DL PD=WUX DALLAS TEX 12 10 15A=

1951 MAR 12 AM 10 05

R R SPURRIER, STATE GEOLOGIST=

BOX 871 SANTA FE NEW MEXICO=

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=

10

20=

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE



#### 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 thisnew pool the "SANTO NINO,"

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

Yours Respectfully

#### REESE, MCCORMICK AND LUSK

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

## 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, enbraced 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