

CASE 4052: Application of MOBIL
OIL CORP. FOR POOL CREATION AND
DISCOVERY ALLOWABLE, CHAVES CO.

Case Number

4052

Application

Transcripts.

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 26, 1969

EXAMINER HEARING

IN THE MATTER OF:

Application of Mobil Oil Corporation
for a pool creation and discovery
allowable, Chaves County, New Mexico

)
)
)
) Case No. 4052
)
)

Application of Mobil Oil Corporation
for a dual completion, Chaves County,
New Mexico.

)
) Case No. 4036
)
)

BEFORE: Elvis A. Utz, Examiner.

TRANSCRIPT OF HEARING

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICOHearing Date FEBRUARY 26, 1969TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
Richard S. Morris	Montgomery & Co	Frank & Co
R L Hoeker	Amerasia Ref Corp.	Tulsa
C E. Stephenson	Amerasia Ref Corp.	Midland
C. R. KREUZ	MURIL OIL CORP	MIDLAND
W. B. Simmons, Jr.	"	"
B. F. Grove	"	"
J B Jordan	Union Oil Co of Cal	Roswell
Richard Haag	Kerr-McCree	Amesville
Robert S. Williams	"	Okla. City
D. G. Holland	Union Oil Co. of Cal.	Midland, Texas
M. L. ZOLLER	UNION OIL CO of CALIF	Midland Texas
L. W. COOMBS	UNION OIL CO of CALIF	MIDLAND TEX
Chas Dr Carey	Union Oil Co of Cal	Reserve, N.M.
George J. Jara	El Paso Products Co.	Farmington N.M.
Jeff Patton	Engene C. Newman	Wellton
John D. Russell	Union Oil Co. of Cal	Roswell, N. M.

NEW MEXICO OIL CONSERVATION COMMISSION

EXAMINER HEARING

SANTA FE, NEW MEXICO

Hearing Date FEBRUARY 26, 1969TIME: 9 A.M.

NAME	REPRESENTING	LOCATION
M. L. Anger	Ed. R. ...	Ed. R. ...
John Mason	" "	"
H. ...	" "	"
Hiram Keith	Keith + Haines	Kermitt, Texas
W. H. ...	Sid Lamer	Santa Fe
James F. Obmunt	SID LAMER	N. M.
Jason Kellah	Kellah & ...	MIDLAND, TEX
William J. LeMay	LeMay & Stevens	Santa Fe
Nma' Duldame	RW Byram	Santa Fe
Arroy L. ...	Atlantic ...	Roswell
...	" "	Roswell
J. Lusee	M. Yates III	Artesia
Millard Dech	Millard Dech	Artesia
M. L. Armstrong	Martin Yates	Artesia
C. W. ...	Anadarko Production Co.	Ford Worth

MR. SPERLING: Case 4052 and 4036 have been consolidated for the purposes of testimony.

MR. UTZ: Cases 4052 and 4036 will be consolidated for purposes of testimony. Separate orders will be written on each case.

MR. HATCH: Case 4052, application of Mobil Oil Corporation for a pool creation and discovery allowable, Chaves County, New Mexico, and Case 4036, application of Mobil Oil Corporation for a dual completion, Chaves County, New Mexico.

MR. SPERLING: James E. Sperling, of Modrall, Seymour, Sperling, Roehl and Harris, appearing for the Applicant in these two cases. We have two witnesses.

MR. UTZ: Are there other appearances in these two cases? You may swear the witness.

(Whereupon, Applicant's Exhibits 1 through 4 were marked for identification.)

(Whereupon, Applicant's Exhibits 1 through 3 were marked for identification.)

(Witnesses sworn.)

MR. SPERLING: Ready to proceed, Mr. Examiner?

MR. UTZ: You may proceed.

BRUCE GREVE

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SPERLING:

Q Will you state your name, your place of residence, by whom you are employed and in what capacity?

A Bruce Greve, G-r-e-v-e; I live in Midland, Texas; employed by Mobil Oil Company.

Q What is your job assignment?

A Production geologist.

Q Have you testified on any previous occasion before the Oil Conservation Commission in New Mexico?

A No, I have not.

Q Would you, then, for the record please give a resume of your educational and experience background leading to your qualifications in the capacity in which you represent Mobil.

A I have a Bachelor of Science Degree from Michigan State University. I have worked for Mobil's Oil Company approximately sixteen years, of which about eight years

have been with New Mexico.

MR. SPERLING: Are the witnesses qualifications acceptable?

MR. UTZ: Yes, sir, the witness is qualified.

Q (By Mr. Sperling) Now, Mr. Greve, are you familiar with the application of Mobil Oil Corporation in Case No. 4052?

A Yes, sir.

Q Explain briefly what is sought by the application.

A Well, we are asking for the creation of a new pool and discovery allowables for the Penn in the Mobil No. 1 O'Brien. This well is located in the Lightcap Field, Chaves County, New Mexico.

Q Would you refer to what's been marked as Exhibit No. 1 in Case No. 4052 and explain what that Exhibit consists of and what its purpose is?

A This is a data map of the area involved. It shows the Penn discovery. This is a higher zone in a producing well.

MR. UTZ: What kind of zone?

THE WITNESS: A higher zone in the well. The

Lightcap Field itself consist of two Devonian wells and we are completing our No. 1 O'Brien to be a dual completion in the new Pennsylvanian zone and also the Devonian.

Q (By Mr. Sperling) Now, would you give a resume of the history of this well, from the time of its having been originally drilled and what completion has been recently accomplished on it?

A The Mobil O'Brien was flooded on July 23, 1950 and drilled to a depth of eight thousand fifteen feet. It was completed in the Devonian from perforations 7953 to 7963, 7973 to 7983 and 7996 to 8006. Completion date was November 24, 1950. This well was then recompleted in the Pennsylvanian, January 19, 1961 and is presently being dual completed with the Devonian. The existing perforations in the Devonian are 7903 to 7933 -- these are new perforations -- the old perforations are also opened. They are 7953 to 7963, 7973 to 7983, 7996 to 8006.

MR. UTZ: Do you have those perforations listed on any of your exhibits?

MR. SPERLING: Yes, they are shown, Mr. Examiner, on the log which is Exhibit 2.

MR. UTZ: Okay.

THE WITNESS: The perforations is seven-inch casing with tubing packer set at 7875; Pennsylvanian tubing packer is set a 7074.

Q (By Mr. Sperling) Would you give the results of the initial potential test in the Pennsylvanian and the Devonian?

A The initial potential test, 89 barrels of oil per day in the Pennsylvanian and this is also a recompletion in the Devonian, 32 barrels a day in the Devonian. GOR, 12,989 to 1 in the Pennsylvanian; 8718 to 1 in the Devonian. Water, 5 barrels of water in the Pennsylvanian and no water in the Devonian. Gravity is 51.8 at 60 degrees Fahrenheit in the Pennsylvanian, 48.5 at 60 degrees Fahrenheit in the Devonian. Test volume in the Pennsylvanian, 1156 MCF gas per day. A flowing tubing pressure in the Pennsylvanian is 550 pounds; in the Devonian, it is 105 pounds. Choke in the Pennsylvanian, 24/64; the Devonian is 18/64. The completion date in the Pennsylvanian is 1-19-69; Devonian is 2-17-69.

Q Now, would you please --

MR. UTZ: Excuse me. What was that completion date in the Penn, again?

THE WITNESS: 1-19-69.

MR. UTZ: And two what?

THE WITNESS: Two-17-69 for the Devonian.

MR. UTZ: Okay. Thank you.

Q (By Mr. Sperling) Now, what other Devonian production is there in the area?

A There is one well directly north of the O'Brien No. 1; it is called the Mobil Lightcap Lane Company Number 1.

Q And that well is shown on the southeast quarter of the southeast quarter of Section 6 on the map, which is Exhibit 1, is that right?

A That's correct.

Q With the well in question shown to be located in the northeast quarter of the northeast quarter of Section 7 on that exhibit?

A Correct.

Q Now, I'll ask that you refer to what has been marked as Exhibit No. 3 and this appears to be form C109 filed with the Commission, is that correct?

A That's right.

Q And in support of that application and this application, has a copy of this application form C109 been forwarded to other operators?

A Yes, it has.

Q Now, in your opinion, does the discovery within the Pennsylvanian Zone constitute a new reservoir in the Lightcap Field?

A Yes, it is.

Q Where is the nearest similar production?

A Nearest similar production is in the Tobac field, approximately seventeen miles east. Also, there is deeper Pennsylvanian gas production nine miles to the southeast in the Penzoil Pubco 33 Federal Number One.

Q That's the only Pennsylvanian production in the area, within that radius that you just mentioned?

A That is right. There is none -- there's no well on the exhibit map.

MR. UTZ: How far away was the Penzoil well?

THE WITNESS: The Penzoil well was nine miles southeast.

MR. UTZ: Are these two wells that you mentioned here completed in the same zone as the Penn?

THE WITNESS: The Penzoil well, I would say, would be a lower zone and the Pennsylvanian would not be the same as our O'Brien.

MR. UTZ: How about the Tobac?

THE WITNESS: The Tobac would be approximately the same because of the distance.

Q (By Mr. Sperling) May I refer you to what has been marked as Exhibit No. 4, which appears to be an affidavit relating to this particular well. What's the purpose of that?

A This is an affidavit to the effect that the Pennsylvanian Zone is new reservoir showing what kind of hydrocarbon it has tested, completed in and also that there's no Pennsylvanian wells within five mile radius and actually is more than this of the O'Brien No. 1.

Q This actually is submitted in connection with the C109 which you have referred to previously as Exhibit No. 3?

A Yes.

Q On the basis of the discovery of this Pennsylvanian production in this area, is it Mobil's position that such discovery qualifies for the allowance of an allowable based upon new discovery in this field at this location?

A Yes.

Q Do you have an estimate of the discovery allowable permitted under the existing rules of this well?

A The allowable is estimated to be thirty-five thousand five hundred ninety barrels of oil, based on five barrels per foot from the ground elevation, which is four thousand sixty-seven to the top of the Pennsylvanian perforations which is 7130. The Pennsylvanian perforations, I might give, is 7130 to 33, 7138 to 40, and 7146 to 68.

Q And that information is shown on the log which has been marked as Exhibit 2?

A Correct.

MR. UTZ: Now, those perforations distances you gave me, is that from sub C?

THE WITNESS: No, that's from derrick floor.

MR. UTZ: From derrick floor?

THE WITNESS: Yes. That is the --

MR. UTZ: In other words, you get your allowable

by 7130 minus the distance from the surface of the derrick floor?

THE WITNESS: That is correct, which is twelve feet.

MR. UTZ: Twelve feet? That's what you use^d to get your 95 -- what was it?

THE WITNESS: 35 to 590.

MR. UTZ: 35 to 590?

THE WITNESS: This is different than what was in the application.

Q (By Mr. Sperling) Do you have anything else to present in connection with the application?

A No, I have not.

MR. SPERLING: I would like to offer at this time Exhibits 1 through 4.

MR. UTZ: Without objection, Exhibits 1 through 4 will be entered into the record of this case.

(Whereupon, Applicant's Exhibits 1 through 4 were received in evidence.)

MR. SPERLING: That's all we have at this time.

MR. UTZ: On either case?

MR. SPERLING: No.

MR. UTZ: You still got --

MR. SPERLING: Do you want to proceed with that now, or do you want to ask this witness some questions?

MR. UTZ: It's a good place to ask some question maybe, so we will finish this one up.

CROSS EXAMINATION

BY MR. UTZ:

Q What was your suggestion as to the horizontal limits of this pool, or did you have any?

A We had no suggestions. Horizontal limits are not yet determined.

Q You are not asking for spacing here, are you?

A No, sir, not at this time.

Q So, actually it's forty acres?

A Forty acres.

Q Do you have any plans to drill any other wells at this time?

A No at the present time.

Q Now, could you tell me on your Exhibit No. 2, is it the log, what zone that you people call this; is it Bough C?

A Well, it's roughly correlative, but we thought it would be best just to call it Penn Lime.

Q Penn Lime?

A Yes.

Q You tested any other zones in the Penn --

A No, sir.

Q -- in trying to complete this?

A No, sir.

Q No shows that you know of?

A No.

Q What I am getting at, Penn Lime could mean any lime in the Penns. If we get another one, we will have to change the name.

A This is the only shows that we had that would indicate any production.

Q So, I gathered then that your preference for a pool name would be Lightcap Penn?

A Right.

MR. UTZ: Are there any other questions of the witness? Is this witness going to testify in the other case at all?

MP. SPERLING: No.

MR. UTZ: He may be excused.

C. R. KREUZ

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. SPERLING:

Q Would you state your name, please, your place of residence, by whom you are employed and in what capacity?

A My name is C. R. Kreuz, K-r-e-u-z; I reside in Midland, Texas; I am employed by Mobil Oil Corporation as Senior Production Engineer.

Q Have you testified before the Oil Conservation Commission in New Mexico on previous occasions?

A Yes, sir, I have.

Q Your qualifications are then a matter of record?

A Yes, sir.

MR. SPERLING: The witnesses qualifications are acceptable, I assume, Mr. Examiner?

MR. UTZ: Yes, sir, they are.

Q (By Mr. Sperling) Mr. Kreuz, you are aware

for the purposes of testimony we have combined Case 4052, application of Mobil Oil Corporation for the creation of a new pool and discovery allowable and Case No. 4036, which is an application for dual completion of the same well upon which the application for pool creation is based.

We have previously entered into the record Exhibit No. 1 in Case 4052, which is an area map showing the location of the well in question and an identical exhibit bearing the same designation of one has been marked in Case 4036. I don't believe it's necessary in this witnesses' testimony to refer again to the exhibits and have him explain what it shows. I think the testimony of the previous witness will suffice for that purpose, so if you will proceed, Mr. Kreuz, with your testimony relating primarily to the completion of the subject well as a dual completion in the Devonian and the Pennsylvanian formation and in that connection, I don't believe it will be necessary, unless the Examiner desires it, to again give the perforation intervals, since those are shown on Exhibit No. 2, which is a log of the well and the perforations were reviewed by the previous witness, so, would you please refer to what has been marked as Exhibit No. 2 in this case, which is a

diagrammatic sketch of the well and the proposed completion insofar as the dual is concerned and explain what is shown on that exhibit?

A Yes, sir. Exhibit 2 is a diagrammatic well sketch of the subject well showing the casing pattern and cement and the perforations. Referring to Exhibit 2 that was 990 feet of 13 and 3/8 inch surface casing set; 9 and 5/8 inch casing was set at 4057 feet and 7-inch casing was set at 8077 feet. Cement was circulated behind the surface casing, the 13 and 3/8 inch casing to the surface. The 9 and 5/8 inch casing was set with 3283 sacks of cement. The estimated cement top there is 590 feet. Seven-inch casing was set with 1323 sacks of cement. The estimated cement top behind the seven-inch as indicated on the temperature log is 3852 feet. A Giebersen type AR packer was set in the seven-inch casing at 7875 feet and a husky type H2 dual packer was set at 7074 feet. A string of 2 and 3/8 production tubing was installed for each zone. The O'Brien No. 1 is presently completed with no down hole commingling of hydrocarbons from a separate strata. The well is also equipped so that reservoir pressure may be determined from each separate producing strata and a dual

head has been connected to the well so the gas and oil from each zone may be accurately measured and their gas-oil ratio determined.

Q Is there any other pertinent information contained on Exhibit 2?

A I might mention that the well was originally drilled to 8115 feet and plugged back to 8017 feet and originally completed in the Devonian formation and has recently been recompleted with additional perforations in the Devonian formation and with new perforations opened up in the Penn formation.

Q Now, has the well undergone test in order to determine test data insofar as these two zones are concerned?

A Yes, sir.

Q Is that well test data shown on what's been marked as Exhibit 3?

A Yes, it is.

Q Would you review that, please?

A Exhibit 3 is well test data from the subject well, broken down by each formation. Some of this information was given in the previous case, but I will review it here.

All production from the Devonian was 32 barrels per 24 hours; from the Penn was 89 barrels per 24 hours. Gas production per 24 hours was in the Devonian 279 MCF; from the Penn was 1156 MCF, giving a gas-oil ratio in cubic feet per barrel of 8718 to 1 in the Devonian and 12989 in the Pennsylvanian. There was no water production from the Devonian and there was five barrels of low water from the Penn. The oil gravity was 48.5 degrees API at 60 degrees Fahrenheit for the Devonian and 51.8 for the Penn. The flowing tubing pressure in the Devonian was 105 and in the Penn was 550 PSIG. The date of these tests in the Devonian, it was February 24-69 and in the Pennsylvanian, it was February 9, 1969. We have obtained a 24 hour shut-in reservoir pressure with a bottom hole pressure bomb and this was taken on February 22, 1969 and revealed that at the midpoint of the Penn perforations we had a reservoir pressure of 2957 PSIG.

MR. UTZ: What was that midpoint; do you have that?

THE WITNESS: Yes, sir, that was at a depth of 7149 feet.

MR. UTZ: Thank you.

Q (By Mr. Sperling) Now, has a packer leakage test been conducted on this well?

A Yes, sir, it has. It was completed yesterday and as of yet, we do not have our packer leakage test form and completed in the charts available for submission at this time. However, we will submit the packer leakage test form and the recording charts as soon as we can by mail.

Q Now, the proposed dual completion is a conventional type completion, is it not?

A Yes, sir, it is.

Q Do you have anything else to add, Mr. Kreuz?

A No, sir.

MR. SPERLING: At this time, I would like to offer Exhibits 3 and 4 with -- we have marked four in this case as was the case in the other case.

MR. UTZ: Why don't we offer them?

MR. SPERLING: I'll offer 1 through 4, then.

MR. UTZ: All right.

MR. HATCH: Did we get them into the other case?

MR. SPERLING: Yes.

MR. UTZ: Yes. Without objection, Exhibits 1 through 3 will be entered into the record.

(Whereupon, Applicant's Exhibits 1 through 3 were received in evidence.)

CROSS EXAMINATION

BY MR. UTZ:

Q Was this 24 hour pressure in the Penn stabilized?

A This was a 24 hour shut-in pressure, yes, sir.

Q Do you have any record of whether it was stabilized or not?

A No, sir. I have a copy of the bottom hole pressure record, if we could --

Q How long did it run?

A It was just -- the well had been shut in previously for 24 hours and they just ran the bomb down to the midpoint of the Penn perforations and then pulled the bomb right back out.

Q So, it was only in there a few minutes?

A Yes, sir.

Q Do you have any opinion as to whether this pressure is stabilized or not?

A Yes, sir. I feel like it is.

MR. UTZ: Are there any other questions of the witness? He may be excused. Statements in this case? The cases will be taken under advisement.

I N D E X

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E X H I B I T S

<u>EXHIBIT</u>	<u>MARKED</u>	<u>OFFERED AND ADMITTED</u>
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[illegible]

I, GLENDA BURKS, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

Glenda Burke
Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Ex parte hearing of Case No. 4052 heard by me on Feb. 26 1961.
James A. [Signature] Secretary
 New Mexico Oil Conservation Commission



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO
P. O. BOX 2088 - SANTA FE
87501

**GOVERNOR
DAVID F. CARGO
CHAIRMAN**

**LAND COMMISSIONER
ALEX J. ARMijo
MEMBER**

**STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR**

March 5, 1969

Mr. James E. Sperling
Modrall, Seymour, Sperling, Roehl
& Harris
Attorneys at Law
Post Office Box 2168
Albuquerque, New Mexico

Re: Case No. 4052
Order No. R-3697
Applicant:
Mobil Oil Corporation

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

G. L. Parker, Jr.

A. L. PORTER, Jr.
Secretary-Director

ALF/i.r

Copy of order also sent to:

Hobbs OCC X

Artesia OCC x

Aztec OCC

Other _____

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 4052
Order No. R-3697
NOMENCLATURE

APPLICATION OF MOBIL OIL CORPORATION
FOR A POOL CREATION AND DISCOVERY
ALLOWABLE, CHAVES COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 26, 1969, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 5th day of March, 1969, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, 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, Mobil Oil Corporation, seeks the creation of a new oil pool for Pennsylvanian production in Chaves County, New Mexico, comprising the NE/4 NE/4 of Section 7, Township 8 South, Range 30 East, NMPM, and the assignment of an oil discovery allowable in the amount of approximately 35,590 barrels to the discovery well.

(3) That the Mobil Oil Corporation C. L. O'Brien Well No. 1, located in Unit A of said Section 7, has discovered a separate common source of supply which should be designated the Lightcap-Pennsylvanian Pool; that the vertical limits of said pool should be the Pennsylvanian formation as found in the interval from 7098 feet to 7168 feet on the log of the aforesaid Mobil Oil Corporation C. L. O'Brien Well No. 1; and that the horizontal limits of said pool should be the NE/4 NE/4 of said Section 7.

-2-

CASE No. 4052

Order No. R-3697

(4) That the discovery well for the aforesaid pool, Mobil Oil Corporation's C. L. O'Brien Well No. 1, is entitled to and should receive a bonus discovery oil allowable in the amount of 35,590 barrels, based upon the top perforations in said well at 7118 feet, to be assigned over a two-year period.

IT IS THEREFORE ORDERED:

(1) That a new pool in Chaves County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated the Lightcap-Pennsylvanian Pool, with vertical limits comprising the Pennsylvanian formation as found in the interval from 7098 feet to 7168 feet on the log of the discovery well, Mobil Oil Corporation's C. L. O'Brien Well No. 1, located in Unit A of Section 7, Township 8 South, Range 30 East, NMPM, Chaves County, New Mexico, and horizontal limits comprising the NE/4 NE/4 of said Section 7.

(2) That the aforesaid discovery well is hereby authorized an oil discovery allowable of 35,590 barrels to be assigned to said well at the rate of 49 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


ALEX J. ARRIJO, Member


A. L. PORTER, Jr., Member & Secretary


esr/

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

CASE No. 3795
Order No. R-3450
NOMENCLATURE

APPLICATION OF PAN AMERICAN PETROLEUM
CORPORATION FOR A POOL CREATION AND
DISCOVERY ALLOWABLE, LEA COUNTY, NEW
MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 26, 1968,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 9th day of July, 1968, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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, Pan American Petroleum Corporation,
seeks the creation of a new oil pool for Yates production in Lea
County, New Mexico, and the assignment of an oil discovery allow-
able in the amount of approximately 16,750 barrels to the discovery
well.

(3) That the Pan American Petroleum Corporation-Bate Federal
Well No. 1, located in Unit N of Section 26, Township 19 South,
Range 33 East, NMPM, Lea County, New Mexico, has discovered a
separate common source of supply which should be designated the
East Gem-Yates Pool; that the vertical limits of said pool should
be the Yates formation, as found on the log of the aforesaid Pan
American Petroleum Corporation-Bate Federal Well No. 1; and that

-2-

CASE No. 3795

Order No. R-3450

the horizontal limits of said pool should be the S/2 of Section 26, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico.

(4) That the discovery well for the aforesaid pool, Pan American Petroleum Corporation-Bate Federal Well No. 1, located in Unit N of Section 26, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico, is entitled to and should receive a bonus discovery oil allowable in the amount of 16,750 barrels, based upon the top perforations in said well at 3350 feet, to be assigned over a two-year period.

IT IS THEREFORE ORDERED:

(1) That a new pool in Lea County, New Mexico, classified as an oil pool for Yates production, is hereby created and designated the East Gem-Yates Pool, with vertical limits comprising the Yates formation as found on the log of the discovery well, Pan American Petroleum Corporation's Bate Federal Well No. 1, located in Unit N of Section 26, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico, and horizontal limits comprising the S/2 of Section 26, Township 19 South, Range 33 East, NMPM, Lea County, New Mexico.

(2) That the aforesaid discovery well is hereby authorized an oil discovery allowable of 16,750 barrels to be assigned to said well at the rate of 23 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

esr/

Case 4052
Recd 2-26-69
Rec. 2-28-69.

Nomenclature

Grant Mobil. a new pool
to be called the Lightcap - Penn oil
pool discovered by them C.L.O!
Buen #1 A-7-85-30E. Top of
perfs. are 7130'. D.F. = 12'. The
thick. allow. then is $7130 - 12 \times 5 =$
 $35580 \div 730 = 48.7$ B.O.P.D. (49)
The Horizontal Limits of Pool
shall be the NENE 7-85-30E.

Shurtliff

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 26, 1969

9 A.M. - OIL CONSERVATION COMMISSION CONFERENCE ROOM,
STATE LAND OFFICE BUILDING - SANTA FE, NEW MEXICO

The following cases will be heard before Elvis A. Utz, Examiner, or Daniel S. Nutter, Alternate Examiner:

- CASE 4052: Application of Mobil Oil Corporation for a pool creation and discovery allowable, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks the creation of the Lightcap-Pennsylvanian Pool in Chaves County, New Mexico, comprising the NE/4 NE/4 of Section 7, Township 8 South, Range 30 East, and for the assignment of approximately 35,650 barrels of oil discovery allowable to the discovery well, its C. L. O'Brien Well No. 1 located in Unit A of said Section 7.
- CASE 4036: (Continued from the February 5, 1969, Examiner Hearing) Application of Mobil Oil Corporation for a dual completion, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its C. L. O'Brien Well No. 1 located in Unit A of Section 7, Township 8 South, Range 30 East, Chaves County, New Mexico, to produce oil from an undesignated Pennsylvanian oil pool and the Lightcap (Devonian) Pool through parallel strings of tubing.
- CASE 4053: Application of El Paso Products Company for special pool rules, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special rules for the Gallegos-Gallup Pool, San Juan County, New Mexico, including provisions for the classification of oil and gas wells, 80-acre spacing for oil wells, and 320-acre spacing for gas wells.
- CASE 4054: Application of Amerada Petroleum Corporation for an unorthodox oil well location and amendment to Order No. R-2197, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to drill a producing oil well at an unorthodox location 1250 feet from the West line and 2220 feet from the South line of Section 28, Township 24 South, Range 37 East, in its Langlie Mattix Woolworth Unit Waterflood Project, Langlie-Mattix Pool, Lea County, New Mexico. Applicant also seeks the amendment of Order No. R-2197, which order authorized said waterflood project, to establish an administrative procedure whereby said project could be expanded to include additional lands and injection wells and producing wells at orthodox and unorthodox locations as may be necessary to complete an efficient injection and producing pattern without the necessity of showing well response.

- CASE 4055: Application of Albert Gackle for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers formation in the open-hole interval from approximately 3290 feet to 3620 feet in his George Etz Well No. 3 located in Unit N of Section 27, Township 23 South, Range 36 East, Jalmat Pool, Lea County, New Mexico.
- CASE 4056: Application of Albert Gackle for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Queen formation in the perforated interval from approximately 3642 feet to 3699 feet in his Sinclair "A" State Well No. 5 located in Unit I of Section 23, Township 23 South, Range 36 East, Langlie-Mattix Pool, Lea County, New Mexico.
- CASE 4057: Application of Charles B. Read for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special rules for the Quail-Queen Pool, Lea County, New Mexico, including a provision for 80-acre spacing and proration units.
- CASE 4058: Application of Hiram W. Keith and Dalton Haines for salt water disposal, Lea County, New Mexico. Applicants, in the above-styled cause, seek authority to dispose of produced salt water into the Seven Rivers formation in the open-hole interval from approximately 3874 feet to 3951 feet in their State Well No. 2 located in Unit K of Section 16, Township 21 South, Range 34 East, West Wilson Pool, Lea County, New Mexico.
- CASE 4059: Application of Hiram W. Keith and Dalton Haines for salt water disposal, Eddy County, New Mexico. Applicants, in the above-styled cause, seek authority to dispose of produced salt water into the Delaware formation in the open-hole interval from approximately 4030 feet to 4158 feet in their Eddy "AGA" State Well No. 2 located 660 feet from the North line and 1650 feet from the West line of Section 36, Township 26 South, Range 31 East, North Mason-Delaware Pool, Eddy County, New Mexico.
- CASE 4060: Application of Sidney Lanier for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Yates-Seven Rivers formations in the open-hole interval from approximately 3402 feet to 3650 feet in his I. B. Ogg "A" Well No. 5 located in Unit J of Section 35, Township 24 South,

(Case 4060 continued)

Range 36 East, Jalmat Yates-Seven Rivers Pool, Lea County, New Mexico.

CASE 4061: Application of Millard Deck Oil Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Seven Rivers and Queen formations in the open-hole interval from approximately 3752 feet to 3872 feet in its Atha Well No. 1 located in Unit M of Section 31, Township 21 South, Range 36 East, South Eunice Pool, Lea County, New Mexico.

CASE 4062: Application of Kersey & Company for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Queen formation in the perforated interval from approximately 1835 feet to 1870 feet in the Bass Well No. 3 located in Unit F of Section 12, Township 19 South, Range 28 East, East Millman Queen-Grayburg Pool, Eddy County, New Mexico.

CASE 4063: Application of Kerr-McGee Corporation for the creation of a new gas pool and special pool rules, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new pool for the production of gas from the Morrow formation by its Nix Well No. 1 located in Unit L of Section 11, Township 19 South, Range 26 East, Eddy County, New Mexico, and for the promulgation of special pool rules therefor, including a provision for 640-acre spacing.

CASE 4064: Application of Atlantic Richfield Company for salt water disposal, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the San Andres formation in the perforated interval from approximately 4207 feet to 4286 feet in its Tucker Well No. 4 located in Unit O of Section 23, Township 7 South, Range 32 East, Chaveroo-San Andres Pool, Roosevelt County, New Mexico.

CASE 4065: Application of Humble Oil & Refining Company for an unorthodox oil well location and reclassification of a water well to an oil well, Lea County, New Mexico. Applicant, in the above-styled cause, seeks to have its New Mexico State "S" Water Source Well No. 4 (CP-427), located at an unorthodox oil well location 650 feet from the West line and 175 feet from the

South line of Section 2, Township 22 South, Range 37 East, Lea County, New Mexico, reclassified as an oil well for the production of oil an undesignated San Andres Oil Pool and authority to produce same as an oil well.

CASE 4066: Application of Humble Oil & Refining Company for the consolidation of two non-standard gas proration units, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the consolidation of two existing non-standard 320-acre gas proration units into one standard 640-acre unit comprising all of Section 26, Township 21 South, Range 36 East, Eumont Gas Pool, Lea County, New Mexico, to be dedicated to its New Mexico State "G" Wells Nos. 2 and 4 located in Units P and Q, respectively, of said Section 26. Applicant further seeks authority to produce the allowable assigned to said unit from either of said wells in any proportion.

CASE 4067: Application of Benson-Montin-Greer Drilling Corporation for special pool rules, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks the promulgation of special pool rules for the La Plata-Gallup Pool, San Juan County, New Mexico, including a provision for 160-acre spacing and proration units. Applicant further requests that said special rules provide that the unit allowable for a 160-acre unit in said pool be allocated on the basis of four times the normal unit allowable for Northwest New Mexico, and that no credit be given for depth factors. Applicant further requests that said special rules be limited in their application to the exterior boundaries of the La Plata-Mancos Unit Area.

CASE 4068: Application of Martin Yates III for salt water disposal, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Delaware formation in its Yates & Hanson McCord Well No. 1 located in Unit E of Section 22, Township 23 South, Range 26 East, Dark Canyon Field, Eddy County, New Mexico. Applicant further seeks a procedure whereby its Cordie King Well No. 2 located in Unit K of said Section 22 may be approved for the disposal of salt water without the requirement of notice and hearing.

Examiner Hearing
February 26, 1969

- CASE 4045: (Continued from the February 5, 1969 Examiner Hearing)
Application of H & S Oil Company for an amendment to Order No. R-3357, as amended by Order No. R-3357-A, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-3357, as amended by Order No. R-3357-A, which order authorized the H & S West Artesia Unit Waterflood Project. Applicant proposes to substitute the Roach Drilling Company-Leonard Well No. 18 located in Unit D of Section 17 as a water injection well in said project in lieu of the Cities Service-Mell Well No. 17 located in Unit M of Section 8, both in Township 18 South, Range 28 East, Artesia Pool, Eddy County, New Mexico.
- CASE 4069: Application of Union Oil Company of California for the creation of a new pool, assignment of discovery allowable, and the promulgation of special pool rules, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks the creation of a new Devonian oil pool for its Midway State Well No. 1 located in Unit F of Section 12, Township 17 South, Range 36 East, Lea County, New Mexico, and for the assignment of an oil discovery allowable in the amount of approximately 57,380 barrels to said well. Applicant further seeks the promulgation of special pool rules for said pool, including a provision for 80-acre proration units.
- CASE 4070: Application of C. E. LaRue and B. N. Muncy, Jr., for salt water disposal, Lea County, New Mexico. Applicants, in the above-styled cause, seek authority to dispose of produced salt water into the salt and Yates formations in the open-hole interval from approximately 1254 feet to 3000 feet in the La Rue-Muncy John "B" Well No. 2 located in Unit A of Section 35, Township 17, South, Range 32, East, Maljamar Grayburg-San Andres Pool, Lea County, New Mexico.

WELL TEST DATA
 MOBIL OIL CORPORATION'S
 C. L. O'BRIEN WELL NO.1

<u>DATA</u>	<u>DEVONIAN</u>	<u>FORMATION</u> <u>PENNSYLVANIAN</u>
Oil Production Bbls/24 Hrs.	32	89
Gas Production Mcf/24 Hrs.	279	1,156
Gas-Oil Ratio cf/Bbl.	8,718	12,989
Water Production Bbls/24 Hrs.	.	5 (Load Water)
Oil Gravity °API @ 60° F	48.5	51.8
Flowing Tubing Pressure psig	105	550
Date of Test	2-24-69	2-9-69
24 Hr. S. I. Reservoir Pressure - psig Taken on February 22, 1969	--	2,957

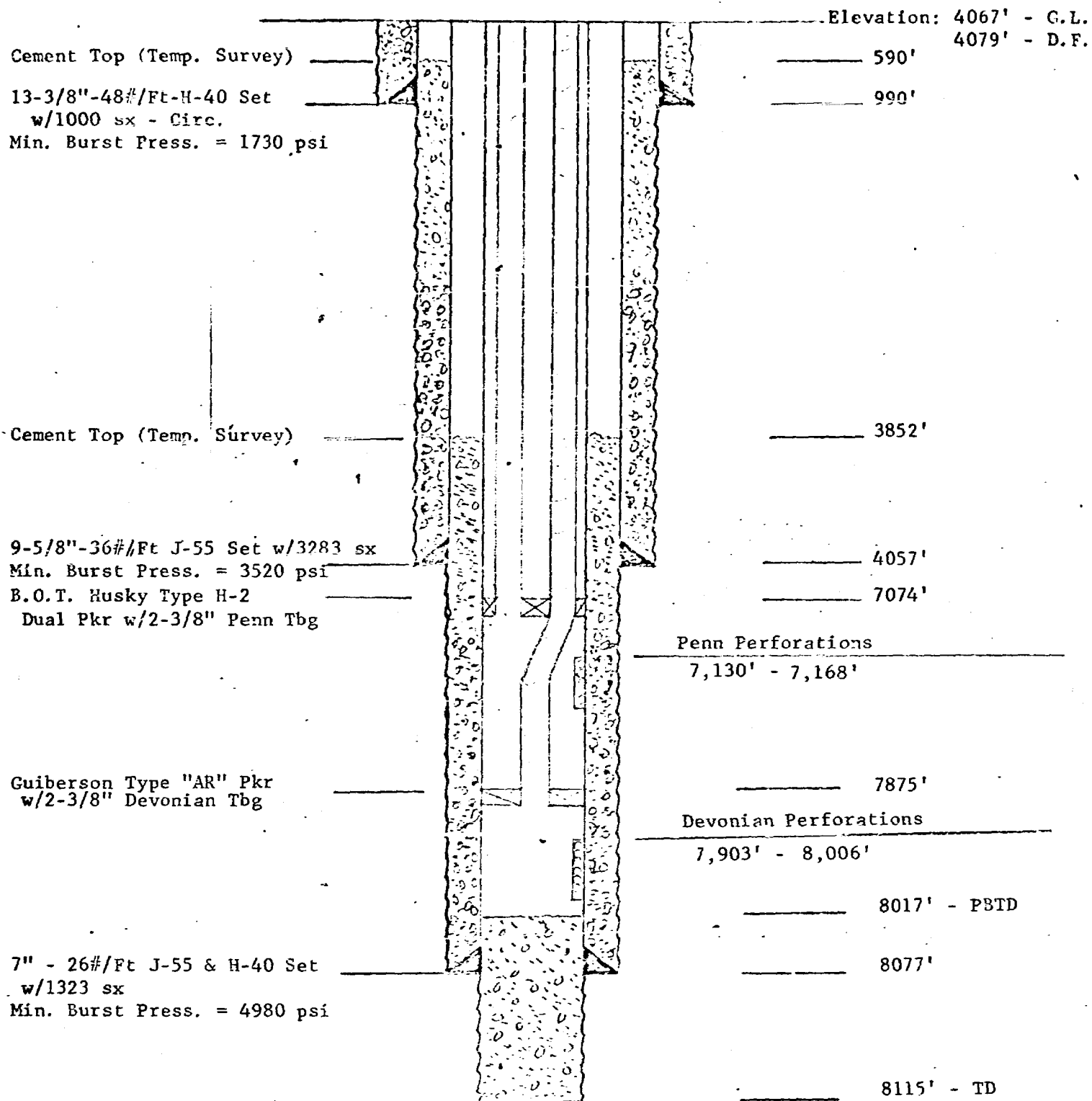
7452

DIAGRAMMATIC WELL SKETCH

C. L. O'BRIEN WELL NO. 1

LIGHTCAP DEVONIAN & UNDESIGNATED PENN. FIELDS

CHAVES COUNTY, NEW MEXICO



#1052

**NEW MEXICO OIL CONSERVATION COMMISSION
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL**

Form C-109
Adopted 9-1-66

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 309.
If discovery is claimed for more than one zone, separate forms must be filed for each.

Operator Mobil Oil Corporation		Address P. O. Box 633, Midland, Texas 79701	
Lease Name C. L. O'Brien		Well No. 1	County Chaves
Well Location Unit Letter A : 660 Feet from The North Line and 660 Feet From the East Line of Section 7 , Township 8 S , Range 30 E , NMPM			
Suggested Pool Names (List in order of preference) 1. Lightcap (Penn) 2. Lightcap (Bough "C") 3.			
Name of Producing Formation Pennsylvanian		Perforations 7130-33; 7138-40; 7146-68	
Date of Filing Form C-104 2-26-69		Date Well was Spudded 1-19-69	
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing	
Total Depth 8103	Plugged Back Depth 8017	Depth Casing Shoe 8077	Tubing Depth Penn 7070
Elevation (Gr., DF, RKB, RT, etc.) D. F. - 4079'			
Oil Well Potential (Test to be taken only after all load oil has been recovered) 89 Bbls. Oil Per Day Based On 89 Bbls In 24 Hours; 5 Bbls Water Per Day Based On 5 Bbls In 24 Hours; Gas Production During Test: 1156 MCF; Gas-Oil Ratio: 12,989 Method Of Producing: F Chk. Size 24/64			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name Lightcap	Name of Producing Formation Devonian	Top of Pay 7920	Bottom of Pay 8016	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool Well Bore This Well		Vertical Distance from Subject Discovery Zone to Producing interval in this Pool 740'		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Tobac (Penn, Bough "C")	Top of Pay 9038 (Well)	Bottom of Pay 9068	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 17 Miles East			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
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Is the Subject Well Multiple Completion? Yes	Is Discovery Allowable Requested for other Zone(s)? No	If Yes, Name all Such Formations
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LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
See List Attached	
7142	
7115	
359	

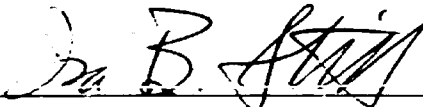
BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. **3**
CASE NO. **4052**

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

 Signature	Division Operations Engineer Position	February 20, 1969 Date
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OFFSET OPERATORS
MOBIL OIL CORPORATION'S
C. L. O'BRIEN LEASE
TOWNSHIP 8 SOUTH RANGE 30 EAST
CHAVES COUNTY, NEW MEXICO

Cities Service Oil Company
P. O. Box 69
Hobbs, New Mexico 88240

Texas Pacific Oil Company
P. O. Box 1069
Hobbs, New Mexico 88240

Kerr-McGee Corporation
215 Petroleum Center Bldg.
Farmington, New Mexico 88201

Atlantic-Richfield Company
P. O. Box 1978
Roswell, New Mexico 88201

Pan American Petroleum Corporation
P. O. Box 68
Hobbs, New Mexico 88240

Eugene E. Nearburg
3303 Lee Parkway
Dallas, Texas 75219

Robert W. Baxter
18th Floor, Rio Grande National Life Bldg.
Dallas, Texas

Gulf Oil Corporation
P. O. Box 1938
Roswell, New Mexico 88201

Union Texas Petroleum
3000 Richmond Avenue
Houston, Texas 77001

2-20-69

Mobil Oil Corporation

P.O. BOX 633
MIDLAND, TEXAS 79701

February 20, 1969

APPLICATION FOR DISCOVERY ALLOWABLE
AND CREATION OF A NEW POOL
MOBIL OIL CORPORATION'S
C. L. O'BRIEN, WELL #1
UNDESIGNATED (PENNSYLVANIAN) POOL
CHAVES COUNTY, NEW MEXICO

Gentlemen:

This is to advise you that Mobil Oil Corporation has made application for discovery allowable and creation of a new pool for the subject well. A copy of our application is attached.

Very truly yours,



Ira P. Stitt

CRKrenz/aln
Encls.

THE STATE OF TEXAS)
:
COUNTY OF MIDLAND)

BEFORE ME, the undersigned, personally appeared Eldon A. Busch, known to me to be a Production Geology Supervisor of the Midland, Texas Division of Mobil Oil Corporation, and upon his oath being duly sworn did depose and say:

I am a Production Geology Supervisor of the Midland Division of Mobil Oil Corporation and as such have reason to know that under a permit granted by the New Mexico Oil Conservation Commission to plug back Mobil Oil Corporation's C. L. O'Brien Well No. 1, Section 7, T-8-S, R-30-E, Chaves County, New Mexico, Mobil Oil Corporation began plug-back operations on December 30, 1968, at an authorized location 660 feet from the North line and 660 feet from the East line of the above described Section 7.

Casing was perforated into the Pennsylvanian reservoir at depths of 7130' to 7168'. On January 29, 1969, it was determined that the Pennsylvanian reservoir was productive of liquid hydrocarbons by flowing into stock tanks during a 24 hour period of 54 barrels of oil from the Pennsylvanian reservoir. To my knowledge there are no Pennsylvanian wells within a five-mile radius of Mobil Oil Corporation's C. L. O'Brien Well No. 1.

This Affidavit is made for filing with the New Mexico Oil Conservation Commission as evidence of Mobil Oil Corporation's discovery date claim for bonus discovery allowable purposes.

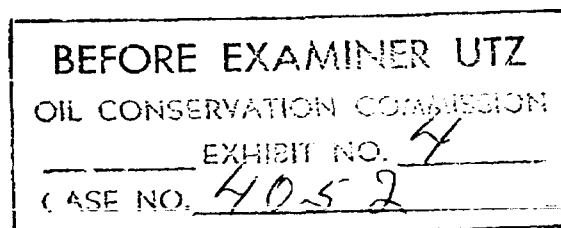
Further Affiant sayeth not.

Eldon A. Busch
Eldon A. Busch

SUBSCRIBED AND SWORN TO BEFORE ME this 24 day of ^{FEBRUARY}~~January~~, 1969.

A. D. Bond
Notary Public in and for
Midland County, Texas

My commission expires June 1, 1969 A. D. BOND, Notary Public
in and for Midland County, Texas



DRAFT

GMH/esr

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
COMMISSION OF NEW MEXICO FOR
THE PURPOSE OF CONSIDERING:

RECORDS CENTER & LAW LIBRARY

CASE No. 4052

Order No. R- 3697
NOMENCLATURE

APPLICATION OF MOBIL OIL CORPORATION
FOR A POOL CREATION AND DISCOVERY
ALLOWABLE, CHAVES COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on February 26, 1969,
at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 19th day of March, 1969, the Commission, a
quorum being present, having considered the testimony, the record,
and the recommendations of the Examiner, 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, Mobil Oil Corporation, seeks the
creation of a new oil pool for Pennsylvanian production in Chaves
County, New Mexico, comprising the NE/4 NE/4 of Section 7, Town-
ship 8 South, Range 30 East, and the assignment of an oil
discovery allowable in the amount of approximately ^{35,590}~~35,650~~ barrels
to the discovery well.

(3) That the Mobil Oil Corporation C. L. O'Brien Well No.
1, located in Unit A of said Section 7, has discovered a separate
common source of supply which should be designated the Lightcap-
Pennsylvanian Pool; that the vertical limits of said pool should
be the Pennsylvanian formation as found in the interval from
7098 feet to 7168 feet on the log of the aforesaid

Mobil Oil Corporation C. L. O'Brien Well No. 1; and that the horizontal limits of said pool should be the NE/4 NE/4 of said Section 7.

(4) That the discovery well for the aforesaid pool, Mobil Oil Corporation's C. L. O'Brien Well No. 1, is entitled to and should receive a bonus discovery oil allowable in the amount of ^{35,590}~~35,650~~ barrels, based upon the top perforations in said well at ⁷¹¹⁸~~7130~~ feet, to be assigned over a two-year period.

IT IS THEREFORE ORDERED:

(1) That a new pool in Chaves County, New Mexico, classified as an oil pool for Pennsylvanian production, is hereby created and designated the Lightcap-Pennsylvanian Pool, with vertical limits comprising the Pennsylvanian formation as found in the interval from approximately 7098 feet to 7168 feet on the log of the discovery well, Mobil Oil Corporation's C. L. O'Brien Well No. 1, located in Unit A of Section 7, Township 8 South, Range 30 East, NMPM, Chaves County, New Mexico, and horizontal limits comprising the NE/4 NE/4 of said Section 7.

(2) That the aforesaid discovery well is hereby authorized an oil discovery allowable of ^{35,590}~~35,650~~ barrels to be assigned to said well at the rate of 49 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(3) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

Memo

7130/
35650

From
D. S. NUTTER
CHIEF ENGINEER

To George

Set hearing for Feb 26

appl. of Mobil to

Create the Lightcap

Pennsylvanian Pool

comprising NE 1/4 NE 1/4

of Sec 7 T8S R30E

Chover Co and assign

discovery allowance to its

C.L. O'Brien who created

in unit A of Sec 7.

Discovery allowance = 35650
6000

Ex. Hearing Feb. 26, 1969

Newspapers

Case _____

Application of Mobil Oil Corporation
for a pool creation and discovery allowable,
Chaves County, New Mexico -

Applicant, in the above-styled case,
seeks the creation of the Lightcap - Pennsylvania
Pool in Chaves County, New Mexico, comprising the
NE/4 NE/4 of Section 7, Township 8 South,
Range 30 East, and for the assignment of
approximately 35650 barrels of oil discovery
allowable to the discovery well, its
C.L. O'Brien ~~the~~ well no. 1 located in
Unit A of said section 7.