

CASE 3893:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number

3893

Application
Transcripts.

Small Exhibits

ETC.

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. 3893
Order No. R-3530

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CHAVES, LEA, AND ROOSEVELT
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 16, 1968, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 22nd day of October, 1968, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Glorieta formation, said pool to bear the designation of Hobbs-Paddock Pool. Further, that the discovery well for said pool, the Gulf Oil Company - U.S. W. D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 26,945 barrels to be assigned over a two-year period. The top of the perforations in said well is at 3,389 feet.

-2-

CASE No. 3893

Order No. R-3530

(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Blinebry formation, said pool to bear the designation of Hobbs-Blinebry Pool. Further, that the discovery well for said pool, the Gulf Oil Company - U.S. W. D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 29,355 barrels to be assigned over a two-year period. The top of the perforations in said well is at 5,871 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of East Denton-Wolfcamp Pool. Said East Denton-Wolfcamp Pool was discovered by the Robert G. Brown Mitchell Well No. 1, located in Unit C of Section 5, Township 15 South, Range 38 East, NMPM. It was completed in the Wolfcamp formation on July 15, 1968. The top of the perforations is at 9560 feet.

(5) That there is need for the creation of a new oil pool in Roosevelt County, New Mexico, for the production of oil from the Bough C formation, said pool to bear the designation of West Milnesand-Pennsylvanian Pool. Said West Milnesand-Pennsylvanian Pool was discovered by the Roger C. Hanks, Ltd., Collins Federal Well No. 1, located in Unit J of Section 19, Township 8 South, Range 34 East, NMPM. It was completed in the Bough C formation on May 27, 1968. The top of the perforations is at 9192 feet.

(6) That there is need for certain extensions to the Cato-San Andres Pool in Chaves County, New Mexico, the East Bagley-Pennsylvanian Pool, the North Bagley-Lower Pennsylvanian Pool, the Blinebry Oil Pool, the East Brunson-McKee Pool, the Cass-Pennsylvanian Pool, the South Flying "M"-Pennsylvanian Pool, the Flying "M"-San Andres Pool, the Justis-Blinebry Pool, the Teague-Blinebry Pool, and the North Vacuum-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production, is hereby created and designated as the Hobbs-Paddock Pool, consisting of the following-described area:

-3-

CASE No. 3893

Order No. R-3530

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

That the discovery well for said pool, the Gulf Oil Company - U.S. W. D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is hereby authorized an oil discovery allowable of 26,945 barrels to be assigned to said well at the rate of 37 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(b) That a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production, is hereby created and designated as the Hobbs-Blinebry Pool, consisting of the following-described area:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

That the discovery well for said pool, the Gulf Oil Company - U.S. W. D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is hereby authorized an oil discovery allowable of 29,355 barrels to be assigned to said well at the rate of 41 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

(c) That a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, is hereby created and designated the East Denton-Wolfcamp Pool, consisting of the following-described area:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM
Section 5: NW/4

(d) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production, is hereby created and designated as the West Milnesand-Pennsylvanian Pool, consisting of the following-described area:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 19: SE/4

(e) That the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

-4-

CASE No. 3893
Order No. R-3530

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

Section 4: SW/4
Section 5: SE/4
Section 9: NW/4

(f) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 30: S/2 NE/4 and SE/4
Section 32: NW/4
Section 33: NW/4

(g) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 17: SW/4

(h) That the East Brunson-McKee Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

Section 26: NE/4

(i) That the Cass-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

Section 22: SE/4

(j) That the Cato-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/4
Section 23: SE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM

Section 5: NW/4

-5-

CASE No. 3893
Order No. R-3530

(k) That the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
Section 25: NE/4

(l) That the Flying "M"-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 4: NE/4

(m) That the Justin-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 27: NE/4

(n) That the Teague-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 28: SW/4

(o) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 11: SE/4

IT IS FURTHER ORDERED:


That the effective date of this order and all creations and extensions included herein shall be November 1, 1968.

-6-

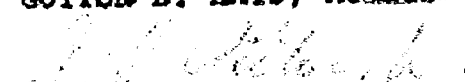
CASE No. 3893
Order No. R-3530

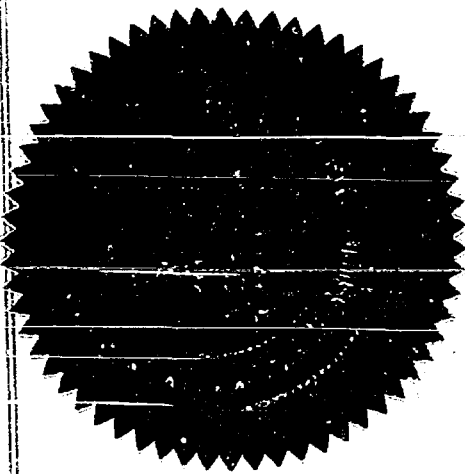
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


GUYTON B. HAYS, Member


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



DOCKET: REGULAR HEARING - WEDNESDAY - OCTOBER 16, 1968

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

- ALLOWABLE: (1) Consideration of the oil allowable for November, 1968;
- (2) Consideration of the allowable production of gas for November, 1968, from thirteen prorated pools in Lea, Eddy and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for November, 1968.

CASE 3891: Application of Joseph I. O'Neill, Jr., for an exception to Order No. R-3221, as amended, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicant's Federal "O" lease in the SE/4 SE/4 of Section 14, Township 25 South, Range 32 East, East Paduca Delaware Pool, Lea County, New Mexico. Applicant seeks authority to continue to dispose of produced water in an unlined surface pit located in the aforesaid quarter-quarter section.

CASE 3892: Application of William A. and Edward R. Hudson for an exception to Order No. R-3221, as amended, Lea County, New Mexico. Applicants, in the above-styled cause, seek an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for all wells producing from the West Tonto-Yates-Seven Rivers Pool, Lea County, New Mexico. Applicants seek authority for the operators of said wells to continue to dispose of produced water in unlined surface pits servicing said wells. In the alternative, applicants seek the extension of that area excepted from the provisions of Order (3) of Order No. R-3221 by Order No. R-3221-B to include those lands comprising the West Tonto-Yates-Seven Rivers Pool.

October 16, 1968
Regular Hearing

-2-

Docket No. 30-68

CASE 3893: Southeastern nomenclature case calling for an order for the extension and creation of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Paddock production and designated as the Hobbs Paddock Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 26,945 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company -U.S. W. D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the Hobbs Blinebry Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 29,355 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company-U.S. W.D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the East Denton-Wolfcamp Pool. The discovery well is Robert G. Brown, Mitchell No. 1 located in Unit C of Section 5, Township 15 South, Range 38 East, NMPM. Said pool described as:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM
Section 5: NW/4

(d) Create a new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production and designated as the West Milnesand-Pennsylvanian Pool. The discovery well is Roger C. Hanks, Ltd., Collins Federal No. 1 located in Unit J of Section 19, Township 8 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 19: SE/4

October 16, 1968
Regular Hearing
-3-

Docket No. 30-68

- (e) Extend the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 4: SW/4
Section 5: SE/4
Section 9: NW/4

- (f) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 30: S/2 NE/4 + SE/4
Section 32: NW/4
Section 33: NW/4

- (g) Extend the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 17: SW/4

- (h) Extend the East Brunson-McKee Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 26: NE/4

- (i) Extend the Cass-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 22: SE/4

- (j) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 13: SW/4

- + SE/4 + T70 K300 Sec 6:
(k) Extend the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
Section 25: NE/4

October 16, 1968
Regular Hearing
-4-

Docket No. 30-68

- (l) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
Section 4: NE/4

- (m) Extend the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 27: NE/4

- (n) Extend the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
Section 28: SW/4

- (o) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 11: SE/4

dearnley-meier reporting service, inc.

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMAS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
October 16, 1968

REGULAR HEARING

IN THE MATTER OF:

Southeastern nomenclature case calling
for an Order for the extension and
creation of certain pools in Lea,
Roosevelt and Chaves Counties,
New Mexico.

) Case 3893

BEFORE: A. L. PORTER, JR.
Examiner

TRANSCRIPT OF HEARING

MR. PORTER: Mr. Nutter, are you ready to go on the Southeastern nomenclature case?

MR. NUTTER: Yes.

MR. PORTER: Would you take the stand, please? We'll take up Case 3893.

MR. HATCH: Case 3893. Southeastern nomenclature case calling for an Order for the extension and creation of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico.

(Witness sworn.)

DANIEL S. NUTTER

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

DIRECT EXAMINATION

BY MR. HATCH:

Q State your name and position for the record.

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Are you prepared to make recommendations to the Commission concerning the creation and extension of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico?

A Yes, sir, I am.

Q Are your recommendations prepared in the form of an exhibit?

A Yes, they are.

Q Were they prepared by you or by someone under your supervision?

A Yes, they were.

Q What is the exhibit, please?

A This is being identified as OCC Exhibit Number 1 in Case Number 3893.

(Whereupon, Commission Exhibit Number 1 was marked for identification.)

Q Would you please refer to Exhibit 1, Paragraphs A and B of that exhibit, and make your recommendations concerning the creations for new pools in Lea County and the assignment of oil discovery allowable to the discovery well.

A Yes, sir. I would recommend in Paragraph A of Case Number 3893, that the Commission create the Hobbs Paddock Oil Pool to comprise the Northwest Quarter of Section 32, Township 18 South, Range 38 East. This pool was discovered by Gulf Oil Corporation's W. D. Grimes NCTA Well Number 16 located in Unit D of Section 32. The well was completed in the Glorietta on August the 9th, 1968, and the top of the perforations is at 5,389 feet.

Gulf Oil Corporation filed an affidavit affirming the discovery in the Paddock Formation on August the 12th, 1968, and

filed an application for discovery allowable and creation of a new pool for this well on September 19th, 1968.

I therefore recommend that the Commission assign 26,945 barrels of discovery allowable to this well.

In Paragraph B of this case, I'd recommend the creation of a new oil pool designated the Hobbs Blinebry Pool comprising the Northwest Quarter of Section 32, Township 18 South, Range 38 East. This pool was discovered by Gulf Oil Corporation's W. D. Grimes Well Number 16 in Unit D of Section 32. It was completed in the Blinebry on August 7th, 1968.

Gulf Oil Corporation filed an affidavit of discovery for the Blinebry Formation on August the 8th, 1968 and filed a formal request for discovery allowable for this well on September 19th, 1968.

The top of the perforations in the well is 5,871 feet. I therefore recommend the assignment of 29,355 barrels of discovery allowable to the well.

MR. PORTER: Mr. Nutter, before you leave those paragraphs, do you have the potential of these two wells as they are recorded on their C-104?

MR. NUTTER: The C-109 has the potential for the two zones in the well. The Paddock Zone potentialized for 281 barrels of oil per day based on 117 barrels swabbed at ten hours. The

well also made 96 barrels of water per day based on 40 barrels in that ten-hour swab test.

For the Blinebry Zone, the well potentialed 272 barrels per day based on 51 barrels in four and a half hours. 128 barrels of load water was also produced.

MR. PORTER: All right.

Q (By Mr. Hatch) Would you refer to Exhibit 1, Paragraphs C through O of the docket, and point out any corrections that need to be made.

A Yes, sir. We have a creation in Paragraph C of the East Denton-Wolfcamp Pool. The information is given on the docket and is the same as the information on this exhibit.

We further have a creation of the West Milnesand-Pennsylvanian Pool in Township 8 South, Range 34 East, being the Southeast Quarter of Section 19 in Roosevelt County, and the information on the docket is the same as that on the exhibit.

We then have the extension of the East Bagley-Pennsylvanian in Paragraph E which is the same as the docket.

We have the extension of the North Bagley-Lower Pennsylvanian Pool in Paragraph F. The extension is as on the docket, plus the Southeast Quarter of Section 30, which is not shown on the docket, but it is on the exhibit.

Paragraphs G through I are as shown on the docket, the exhibit and docket being identical.

When we get to Paragraph J, we have the extension of the Cato-San Andres Pool. The extension shown for the Southwest Quarter of Section 13 of Township 8 South, Range 30 East is as shown on the docket. We would also add the Southeast Quarter of Section 23 of that township. And in Township 9 South, Range 30 East, we would recommend the extension of the Northwest Quarter of Section 5 to this Pool.

Paragraphs K through O would be as shown on the docket, the docket and exhibit being identical.

Q Do you recommend to the Commission that the pools in Paragraphs A through O be created and extended as advertised and corrected in this hearing?

A Yes, sir, I would, and that the discovery allowable be assigned in Paragraphs A and B.

MR. HATCH: I'd like to introduce Exhibit Number 1 into evidence.

MR. PORTER: If there are no objections, the exhibit will be admitted.

(Whereupon, Commission Exhibit Number 1 was admitted in evidence.)

MR. PORTER: Any questions of Mr. Nutter? You may be excused. Anything further to be offered in this case. The Commission will take the case under advisement.

I N D E XWITNESSPAGE

DANIEL S. NUTTER

Direct Examination by Mr. Hatch

2

E X H I B I T

<u>Number</u>	<u>Marked for Identification</u>	<u>Received in Evidence</u>
Commission Exhibit Number 1	3	6

STATE OF NEW MEXICO)
)
COUNTY OF BERNALILLO) ss.

I, CHARLOTTE MACIAS, Notary Public 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.

Witness my Hand and Seal this 23rd day of October, 1968.


Notary Public

My Commission Expires:

February 10, 1971.

NOMENCLATURE ADVERTISEMENT FOR OCTOBER, 1968

CASE 3895 - 3893

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Lea and Roosevelt Counties, New Mexico, and the extension of certain existing pools in Chaves and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

- (C) a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the East Denton-Wolfcamp Pool. The discovery well is Robert G. Brown, Mitchell No. 1 located in Unit C of Section 5, Township 15 South, Range 38 East, NMPM. Said pool described as:

✓ TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM
SECTION 5: NW/4 ✓

- ~~b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta production and designated as the Hobbs-Paddock Pool. The discovery well is Gulf Oil Corporation, W. D. Grimes NCT-A No. 16 located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM. Said pool described as:~~ X

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: NW/4

- (D) c) CREATE A new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production and designated as the West Milnesand-Pennsylvanian Pool. The discovery well is Roger C. Hanks, Ltd., Collins Federal No. 1 located in Unit J of Section 19, Township 8 South, Range 34 East, NMPM. Said pool described as:

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 19: SE/4 ✓

- E d) EXTEND the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 4: SW/4
SECTION 5: SE/4
SECTION 9: NW/4

- F e) EXTEND the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 30: S/2 NE/4
SECTION 32: NW/4
SECTION 33: NW/4

- G f) EXTEND the Blinebry Oil Pool in Lea County, New Mexico, to include therein: ✓

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 17: SW/4

October, 1968 Nomenclature

- h) EXTEND the East Brunson-McKee Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 26: NE/4
- I h) EXTEND the Cass-Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: SE/4
- J i) EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein: ✓
✓ TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
SECTION 13: SW/4
- K j) EXTEND the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 25: NE/4
- L k) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 4: NE/4
- M l) EXTEND the Justis-Blinbry Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 27: NE/4
- N m) EXTEND the Teague-Blinbry Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 28: SW/4
- O n) EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein: ✓
✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: SE/4

Gulf Oil Corporation
HOBBS PRODUCTION AREA

August 8, 1968

C. D. Borland
AREA PRODUCTION MANAGER

P. O. Box 2087 670
Hobbs, New Mexico

Case 3893

nm
Mr. A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 2083
Santa Fe, New Mexico 87501

Dear Sir:

Attached is an affidavit relating information on Gulf Oil Corporation's W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FNL of Section 32-18S-38E, Lea County, New Mexico, affirming a discovery in the Blinbry formation of the Hobbs Field.

Additional testing in other formations will be performed prior to completion of the Blinbry zone and formal application of the discovery allowable.

Yours very truly,

C. D. Borland

C. D. BORLAND
Area Production Manager

JDM:ptg
Att'd.

cc: Oil Conservation Commission, Hobbs, New Mexico
M. I. Taylor, Roswell, New Mexico

DOCKET MAILED

~~Date~~

Case 3893



Gulf Oil Corporation

HOBBS PRODUCTION AREA

August 8, 1968

C. D. Borland
AREA PRODUCTION MANAGER

P. O. Box 2197 670
Hobbs, New Mexico

Cover 3893

AFFIDAVIT - DISCOVERY WELL

Gulf Oil Corporation spudded its W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FNL of Section 32-18S-38E, Lea County, New Mexico, July 1, 1968. After setting surface casing at 1497 feet, an 8-3/4 inch hole was drilled to 7050 feet. No drill stem tests or cores were taken while drilling. Logs were run upon reaching total depth, which the Commission is in receipt, and 7 inch casing was set and cemented at 7039 feet.

Tuesday, August 6, 1968, the Blinebry formation was perforated from 5871 feet to 5873 feet, from 5905 feet to 5907 feet, from 5941 feet to 5943 feet, and from 6081 feet to 6083 feet with 2 jet holes per foot. The top of the Blinebry "marker" has been picked at 5747 feet. The sub-sea elevations of the Blinebry perforations range from SID minus 2222 to SID minus 2434.

After perforating, a casing packer was run and set at 5342 feet. Twenty-three barrels of load water was swabbed from the tubing down to the seating nipple. After standing one hour, 300 feet of fluid entered the bore hole, of which 50 percent was oil and 50 percent water. There was another 300 feet of fluid that entered after the second hour, of which 75 percent was oil and 25 percent was water. The well was then shut in overnight.

The tubing pressure was 90 psi after being shut in 14 hours and 8 barrels of oil and no barrels of water were swabbed in 3 runs. The well was then treated with 1,000 gallons of acid and flushed with water. Total load water and acid residue to recover was 58 barrels.

In 4 hours and 30 minutes ending at 5:30 p.m., August 7, 1968, 24 barrels of load water and 51 barrels of 33° API corrected gravity oil was swabbed. Closed in 13 1/2 hours, tubing pressure 375 psi.

C. D. Borland
C. D. BORLAND

COUNTY OF LEA
STATE OF NEW MEXICO

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the County of Lea, State of New Mexico, on this the 8th day of August, 1968.

My Commission Expires 8-21-69

Pat J. Gibbins
Pat J. Gibbins

Cover 3893



Gulf Oil Corporation

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 12, 1968

P. O. Box 2167
Hobbs, New Mexico 88240

Case 3893

Mr. A. L. Porter, Jr.
Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico 87501

Dear Sir:

Attached is an affidavit relating information on Gulf Oil Corporation's W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FNL of Section 32-18S-38E, Lea County, New Mexico, affirming a discovery in the Glorieta formation of the Hobbs Field.

Additional testing in other formations will be performed prior to completion of the Glorieta zone and formal application of the discovery allowable.

Yours very truly,

C. D. Borland

C. D. BORLAND
Area Production Manager

JDM:jrp
Att'd.

cc: Oil Conservation Commission, Hobbs, New Mexico
M. I. Taylor, Roswell, New Mexico



Case 3893

Gulf Oil Corporation

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 12, 1968

P. O. Box ~~267~~ 670
Hobbs, New Mexico

AFFIDAVIT - DISCOVERY WELL

Case 3893

Gulf Oil Corporation spudded its W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FWL of Section 32-18S-38E, Lea County, New Mexico, July 1, 1968. After setting surface casing at 1497 feet, an 8-3/4 inch hole was drilled to 7050 feet. No drill stem tests or cores were taken while drilling. Logs were run upon reaching total depth, which the Commission is in receipt, and 7 inch casing was set and cemented at 7039 feet.

Friday, August 9, 1968, the Glorieta formation was perforated from 5389 feet to 5391 feet, from 5434 feet to 5436 feet, and from 5513 feet to 5515 feet with 2 jet holes per foot. The top of the Glorieta formation has been picked at 5343 feet. The sub-sea elevations of the Glorieta perforations range from SLD minus 1740 to SLD minus 1866.

After perforating, a casing packer was run on tubing and set at 5337 feet. The well was swabbed down to the seating nipple in 5 runs. The well was then treated with 1000 gallons of acid and flushed with water. Total load water and acid residue to recover was 54 barrels. Thirty barrels of load water with a good show of oil was swabbed and the operations shut down over night.

In ten hours on Saturday, August 10, 1968, 117 barrels of oil, 24 barrels of load water and 40 barrels of water were swabbed. The corrected oil gravity was 29.5° API.

C. D. Borland
C. D. BORLAND

COUNTY OF LEA
STATE OF NEW MEXICO

SUBSCRIBED AND SWORN to before me, a Notary Public, in and for the County of Lea, State of New Mexico, on this the 12th day of August, 1968.

My Commission Expires

MY COMMISSION EXPIRES MAY 10, 1971

Billie Rowley



Case 3893

extension and creation of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Paddock production and designated as the Hobbs Paddock Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 26,945 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company -U.S. W. D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the Hobbs Blinebry Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 29,355 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company-U.S. W.D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the East Denton-Wolfcamp Pool. The discovery well is Robert G. Brown, Mitchell No. 1 located in Unit C of Section 5, Township 15 South, Range 38 East, NMPM. Said pool described as:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM
Section 5: NW/4

(d) Create a new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production and designated as the West Milnesand-Pennsylvanian Pool. The discovery well is Roger C. Hanks, Ltd., Collins Federal No. 1 located in Unit J of Section 19, Township 8 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 19: SE/4

(e) Extend the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 4: SW/4
Section 5: SE/4
Section 9: NW/4

(f) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 30: S/2 NE/4
Section 32: NW/4
Section 33: NW/4
SECTION 30: SE/4

ADDITION-----

(g) Extend the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 17: SW/4

(h) Extend the East Brunson-McKee Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 26: NE/4

(i) Extend the Cass-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

(j) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM

Section 13: SW/4

ADDITION-----SECTION 23: SE/4

ADDITION-----TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
SECTION 5: NW/4

(k) Extend the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM

Section 25: NE/4

(l) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM

Section 4: NE/4

(m) Extend the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 27: NE/4

(n) Extend the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

Section 28: SW/4

(o) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 11: SE/4

CASE 3892: Application of William A. and Edward R. Hudson for an exception to Order No. R-3221, as amended, Lea County, New Mexico. Applicants, in the above-styled cause, seek an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for all wells producing from the West Tonto-Yates-Seven Rivers Pool, Lea County, New Mexico. Applicants seek authority for the operators of said wells to continue to dispose of produced

CASE 3891: Application of Joseph I. O'Neill, Jr., for an exception to Order No. R-3221, as amended, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Order No. R-3221, as amended, which order prohibits the disposal of water produced in conjunction with the production of oil on the surface of the ground in Lea, Eddy, Chaves, and Roosevelt Counties, New Mexico, after January 1, 1969. Said exception would be for applicant's Federal "O" lease in the SE/4 of Section 14, Township 25 South, Range 32 East, East Paduca Delaware Pool, Lea County, New Mexico. Applicant seeks authority to continue to dispose of produced water in an unlined surface pit located in the aforesaid quarter-quarter section.

(2) Consideration of the allowable production of gas for November, 1968, from thirteen prorated pools in Lea, Eddy and Roosevelt Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for November, 1968.

CASE 3893: Southeastern nomenclature case calling for an order for the extension and creation of certain pools in Lea, Roosevelt and Chaves Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Paddock production and designated as the Hobbs Paddock Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 26,945 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company -U.S. W. D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Blinebry production and designated as the Hobbs Blinebry Pool comprising the following:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
Section 32: NW/4

Further, for the assignment of approximately 29,355 barrels of oil discovery allowable to the discovery well, the Gulf Oil Company-U.S. W.D. Grimes (NCT-A) Well No. 16 located in Unit D of said Section 32.

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the East Denton-Wolfcamp Pool. The discovery well is Robert G. Brown, Mitchell No. 1 located in Unit C of Section 5, Township 15 South, Range 38 East, NMPM. Said pool described as:

TOWNSHIP 15 SOUTH, RANGE 38 EAST, NMPM
Section 5: NW/4

(d) Create a new pool in Roosevelt County, New Mexico, classified as an oil pool for Bough C production and designated as the West Milnesand-Pennsylvanian Pool. The discovery well is Roger C. Hanks, Ltd., Collins Federal No. 1 located in Unit J of Section 19, Township 8 South, Range 34 East, NMPM. Said pool described as:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
Section 19: SE/4

(e) Extend the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
Section 4: SW/4
Section 5: SE/4
Section 9: NW/4

(f) Extend the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 30: S/2 NE/4
Section 32: NW/4
Section 33: NW/4
SECTION 30: SE/4

ADDITION-----

(g) Extend the Blinebry Oil Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 17: SW/4

(h) Extend the East Brunson-McKee Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
Section 26: NE/4

NEW POOLS

- a) It is recommended that a new oil pool be created and designated as the HOBBS-PADDOCK Pool.

Vertical limits to be the Glorieta formation and the horizontal limits should be as follows: As shown in Paragraph (a), Exhibit I

Discovery well was Gulf Oil Corporation - W. D. Grimes NCT-A #16 located in Unit D Section 32 Township 18 Range 38 and was completed on August 9, 1968 ~~#####~~ TOP OF perforations is at 5389 feet.

- b) It is recommended that a new oil pool be created and designated as the HOBBS-BLINEBRY Pool.

Vertical limits to be the Blinebry formation and the horizontal limits should be as follows: As shown in Paragraph (b), Exhibit I

Discovery well was Gulf Oil Corporation - W. D. Grimes NCT-A #16 located in Unit D Section 32 Township 18 Range 38 and was completed on August 7, 1968 ~~#####~~ TOP OF perforations is at 5871 feet.

- c) It is recommended that a new oil pool be created and designated as the EAST DENTON-WOLFCAMP Pool.

Vertical limits to be the Wolfcamp formation and the horizontal limits should be as follows: As shown in Paragraph (c), Exhibit I

Discovery well was Robert G. Brown - Mitchell #1 located in Unit C Section 5 Township 15 Range 38 and was completed on July 15, 1968 ~~#####~~ TOP OF perforations is at 9560 feet.

NEW POOLS

d). It is recommended that a new oil pool be created and designated as the WEST MILNESAND-PENNSYLVANIAN Pool.

Vertical limits to be the Bough C formation and the horizontal limits should be as follows: As shown in Paragraph (d), Exhibit I

Discovery well was Roger C. Hanks, Ltd. - Collins Federal #1 located in Unit J Section 19 Township 8 Range 34 and was completed on May 27, 1968 ~~with an initial potential of 100 BOPD/MCFGPD~~ Top of perforations is at 9192 feet.

It is recommended that a new _____ pool be created and designated as the _____ Pool.

Vertical limits to be the _____ formation and the horizontal limits should be as follows: _____

Discovery well was _____ located in Unit _____ Section _____ Township _____ Range _____ and was completed on _____ with an initial potential of _____ BOPD/MCFGPD. Top of perforations is at _____ feet.

It is recommended that a new _____ pool be created and designated as the _____ Pool.

Vertical limits to be the _____ formation and the horizontal limits should be as follows: _____

Discovery well was _____ located in Unit _____ Section _____ Township _____ Range _____ and was completed on _____ with an initial potential of _____ BOPD/MCFGPD. Top of perforations is at _____ feet.

CASE 3893: (a) CREATION OF A NEW OIL POOL

COUNTY	LEA	POOL	HOBBS-PADDOCK		
TOWNSHIP	18 South	RANGE	38 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - W. D. Grimes NGT-A #16 in Unit D of Section 32-18-38.

Completed in Glorieta on August 9, 1968. Top of Perforations 5389'.

Proposed pool boundary colored in red. SECTION 32: NW/4

CASE 3893: (b) CREATION OF A NEW OIL POOL
POOL. HOBBS-BLIND

ASE 3893: (b) CREATION

COUNTY LEA POOL HOBBS-BLINEBRY
TOWNSHIP 18 South RANGE 38 East NMPM

COUNTY LEA POOL HUBBS

TOWNSHIP 18 South RANGE 38 East NMPM

6 5 4 3 2 1

7 8 9 10 11 12

18 17 16 15 14 13

19 20 21 22 23 24

30 29 28 27 26 25

31 32 33 34 35 36

Completed oil well capable of producing.
Net-A #16 in Unit D of Section 32-1
5871'.

PURPOSE: One completed oil well capable of producing.
CORPORATION - W. D. Grimes NCT-A #16 in Unit
7 1968. Top of Perfo

PURPOSE: One completed oil well capable of producing.
GULF OIL CORPORATION - W. D. Grimes NCT-A #16 in Unit D of Section 32-18-38.
in Blinbry on August 7, 1968. Top of Perforations 5871'.
in red. SECTION 32: NW/4

PURPOSE: One completed oil well capacity
GULF OIL CORPORATION - W. D. Grimes NCT-A #16 in Unit D of 3
Completed in Blinbry on August 7, 1968. Top of Perforations 5871'.
Proposed pool boundary colored in red. SECTION 32: NW/4

Completed in Blinbry on August 7, 1968. Top
Proposed pool boundary colored in red. SECTION 32: NW/4

CASE 3893: (c) CREATION OF A NEW OIL POOL

COUNTY	LEA	POOL	EAST DENTON-WOLFCAMP
TOWNSHIP	15 South	RANGE	38 East
			NMPM
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

PURPOSE: One completed oil well capable of producing.
ROBERT G. BROWN - Mitchell #1 in Unit C of Section 5-15-38. Completed in
Wolfcamp on July 15, 1968. Top of Perforations 9560'.
Proposed pool boundary colored in red. SECTION 5: NW/4

CASE 3893: (d) CREATION OF A NEW OIL POOL

COUNTY ROOSEVELT POOL WEST MILNESAND-PENNSYLVANIAN

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

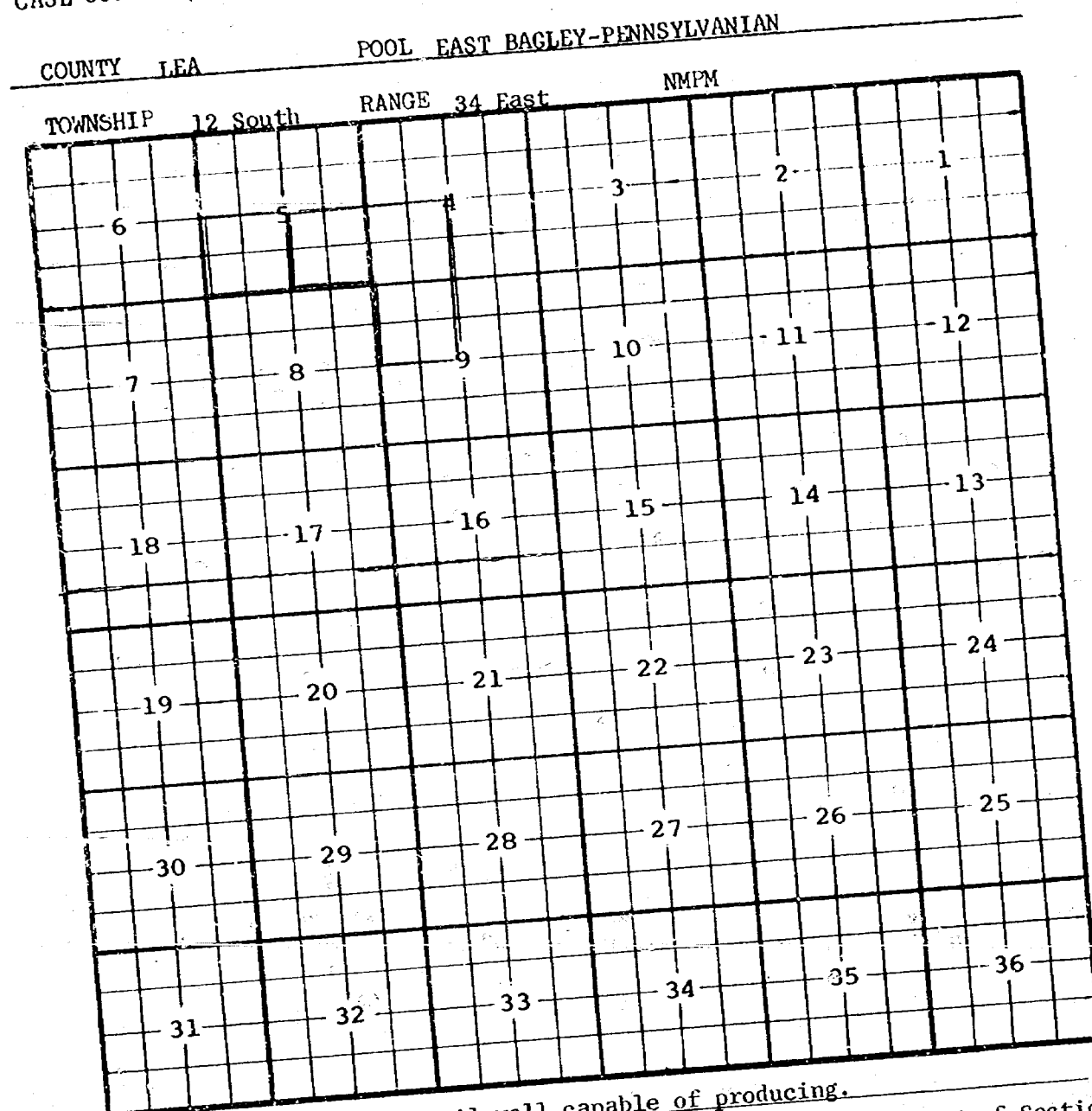
PURPOSE: One completed oil well capable of producing.

ROGER C. HANKS, LTD. - Collins Federal #1 in Unit J of Section 19-8-34.

Completed in Bough C on May 27, 1968. Top of Perforations 9192'.

Proposed pool boundary colored in red. SECTION 19: SE/4

CASE 3893: (e) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.
 WESTERN STATES PRODUCING COMPANY - Smelting State #1 in Unit F of Section
 9-12-34. Completed in Bough "C" on August 8, 1968. Top of Perforations
 9998'.

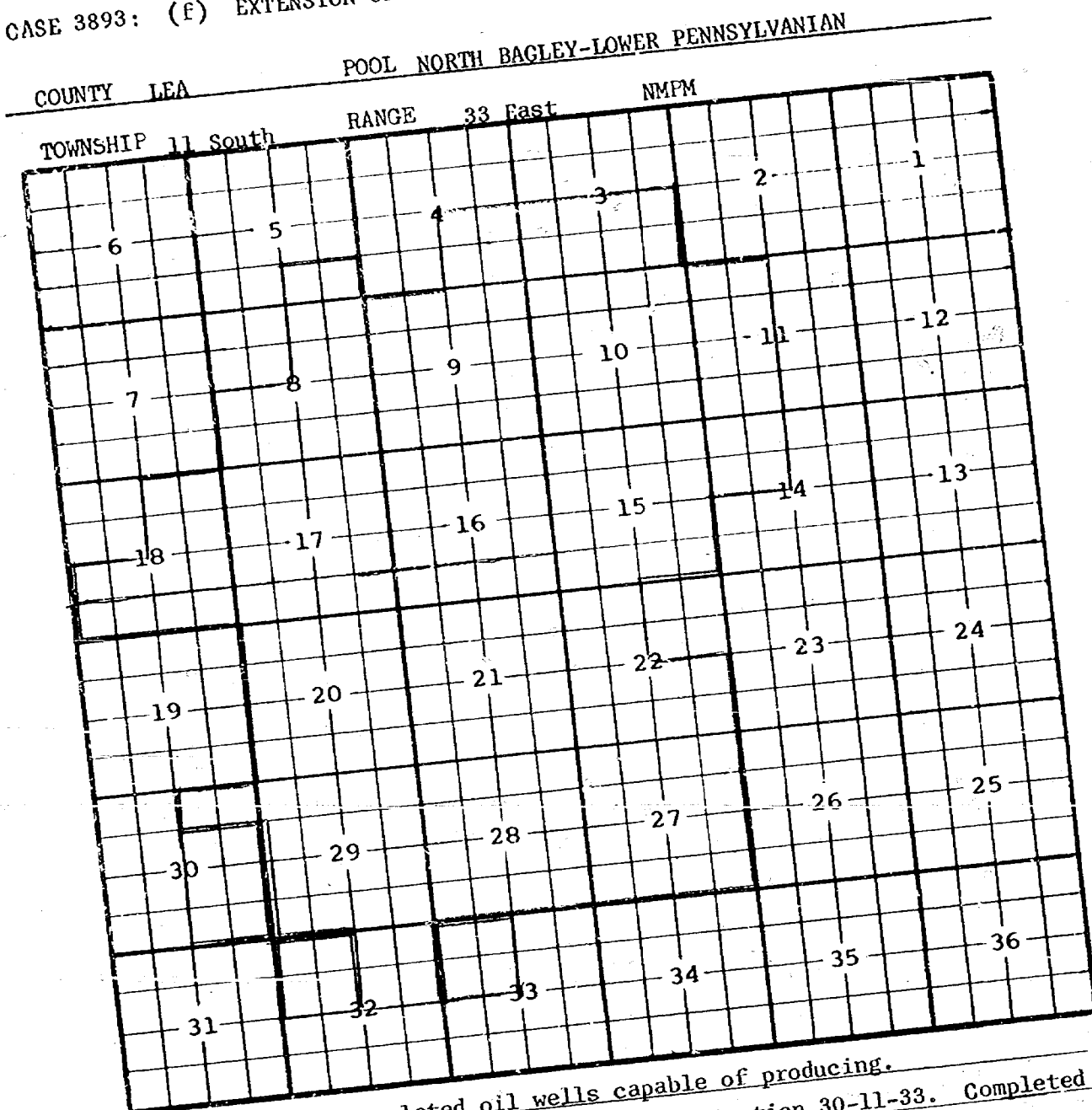
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 4: SW/4

SECTION 5: SE/4

SECTION 9: NW/4

CASE 3893: (F) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: Three completed oil wells capable of producing.

SAM BOREN - Graham B State #2 in Unit H of Section 30-11-33. Completed in Lower Pennsylvanian on July 16, 1968. Top of Perforations 9963'.

STOLTZ & COMPANY-CLARK - Rose #1 in Unit C of Section 32-11-33. Completed in Lower Pennsylvanian on August 26, 1968. Top of Perforations 10,082'.

AMERADA PETROLEUM CORPORATION - W. E. Mathers "B" #1 in Unit F of Section 33-11-33. Completed in Strawn on August 17, 1968. Depth to Casing Shoe. 9906'.

ADDITION--SAM BOREN - Graham "B" State #3 in Unit I of Section 30-11-33. Completed in Lower Pennsylvanian on September 29, 1968. Top of Perforations 9974'.

Pool boundary colored in red.

Proposed pool extensions colored in green.

SECTION 30: S/2 NE/4

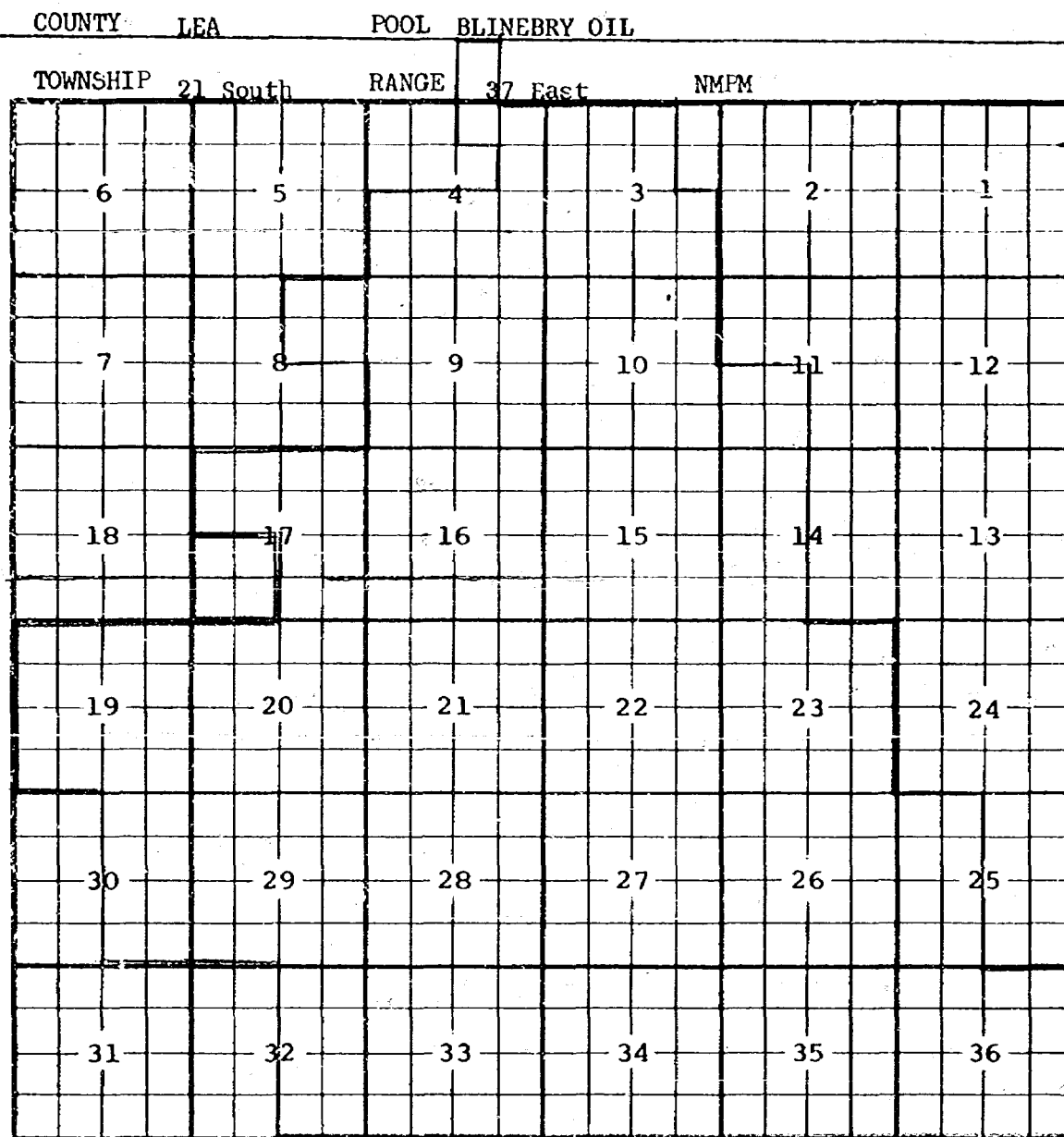
SECTION 2: NW/4

SECTION 33: NW/4

SECTION 30: SE/4

ADDITION-----

CASE 3893: (g) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

SUN OIL COMPANY - W. W. Weatherly #4 in Unit K of Section 17-21-37. Completed in Blinebry on July 11, 1968. Top of Perforations 5825'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 17: SW/4

CASE 3893: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL EAST BRUNSON -McKEE

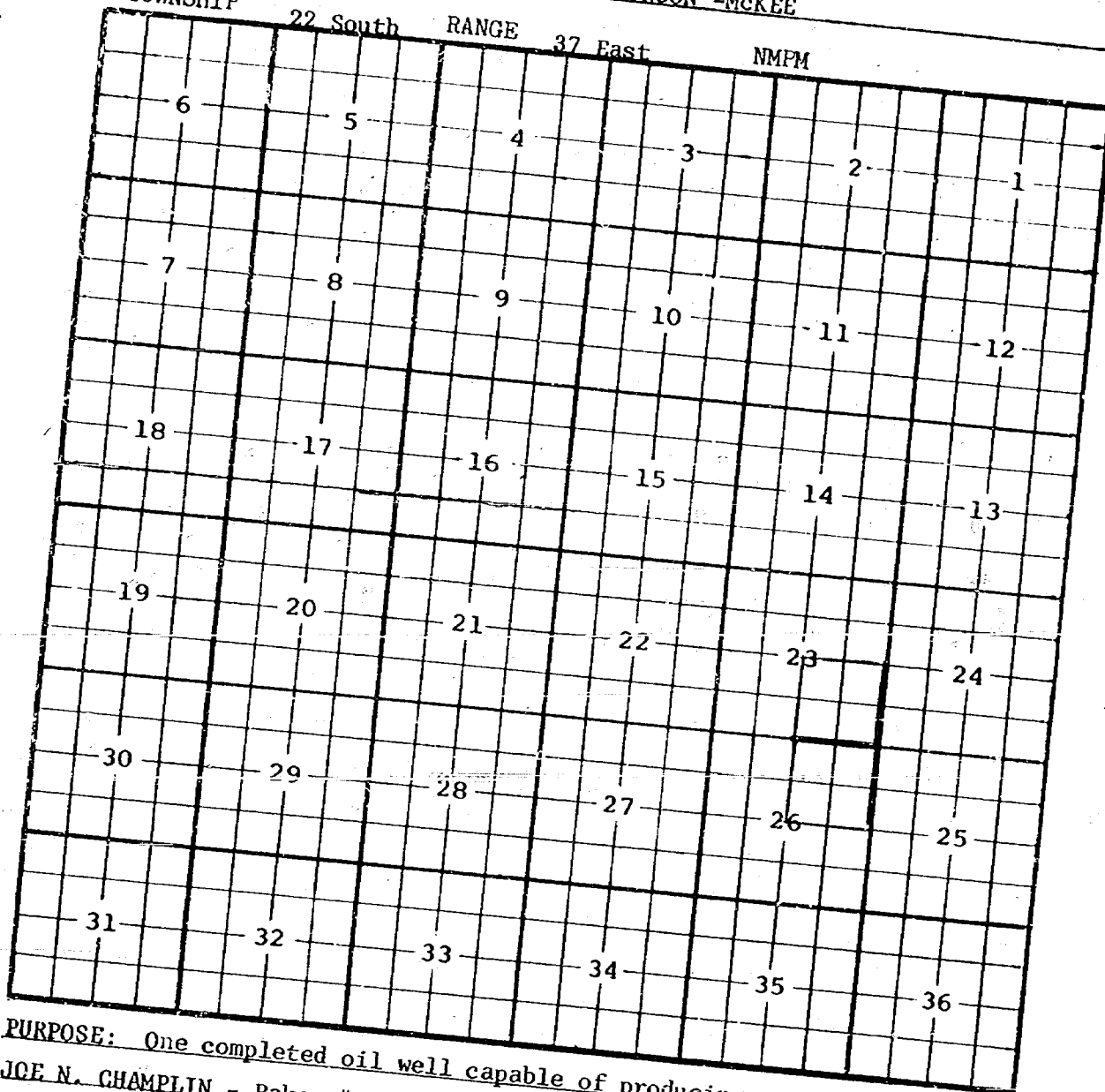
TOWNSHIP

22 South

RANGE

37 East

NMPM



PURPOSE: One completed oil well capable of producing.
JOE N. CHAMPLIN - Baker #2 in Unit A of Section 26-22-37. Completed in
McKee on July 28, 1968. Top of Perforations 7370'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 26: NE/4

CASE 3893: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA			POOL CASS-PENNSYLVANIAN		
TOWNSHIP 20 South			RANGE 37 East		
			NMPM		
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

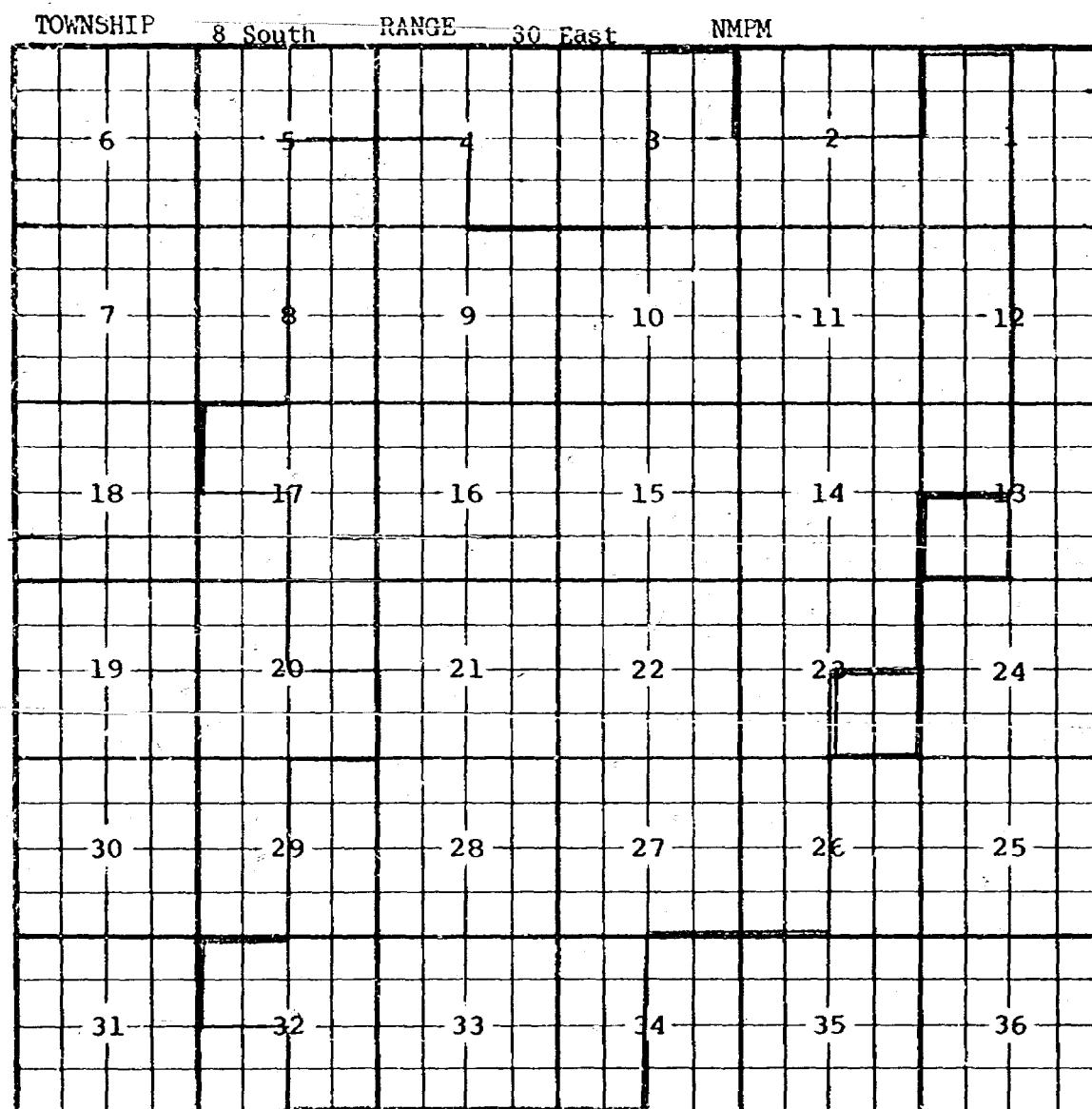
PURPOSE: One completed oil well capable of producing.
 PAN AMERICAN PETROLEUM CORPORATION - Gully "B" Federal #12 in Unit J
 of Section 22-20-37. Completed in Strawn on July 18, 1968. Top of Perforations 7701'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 22: SE/4

CASE 3893: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

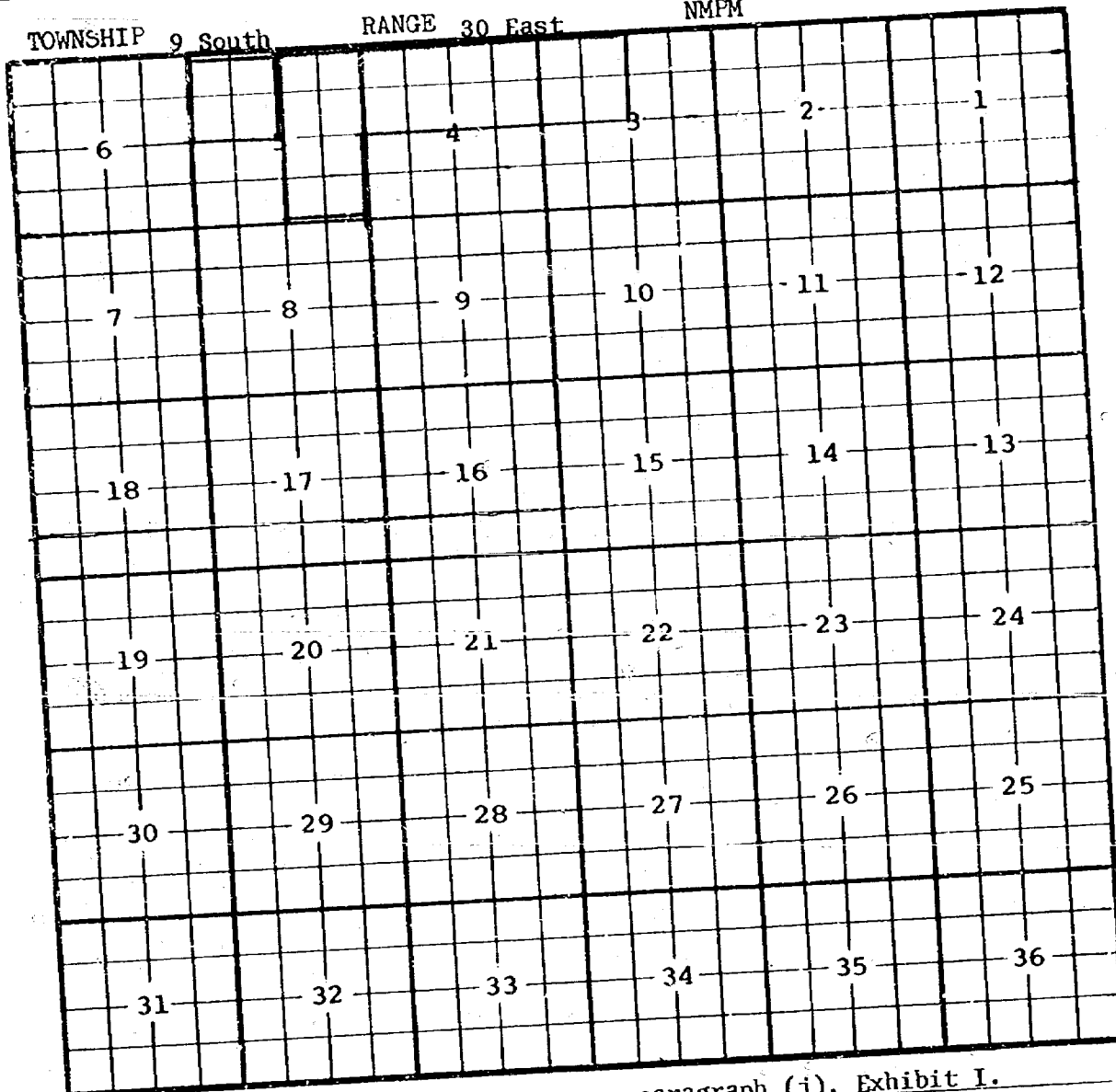
COUNTY CHAVES POOL CATO-SAN ANDRES



PURPOSE: One completed oil well capable of producing.
H. L. BROWN, JR. - Federal "13" #1 in Unit L of Section 13-8-30. Completed in San Andres on July 10, 1968. Top of Perforations 3554'.
ADDITION--THE EASTLAND DRILLING COMPANY - Hodges Federal #1 in Unit J of Section 23-8-30. Completed in San Andres on September 19, 1968. Top of Perforations 3588'.
Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 13: SW/4
ADDITION-----SECTION 23: SE/4

CASE 3893: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY CHAVES POOL CATO-SAN ANDRES
TOWNSHIP 9 South RANGE 30 East NMPM



PURPOSE: As stated on preceding page, paragraph (j), Exhibit I.

ADDITION--SHELL OIL COMPANY - Thelma Crosby B #1 in Unit F of Section 5-9-30.
Completed in San Andres on September 19, 1968. Top of Perforations 3314'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 5: NW/4

CASE 3893: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SOUTH FLYING "M"-PENNSYLVANIAN

TOWNSHIP 9 South RANGE 32 East NMFM

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

PURPOSE: One completed oil well capable of producing.

ROGER C. HANKS, LTD. - Alice Ann #1 in Unit A of Section 25-9-32. Completed in Bough "C" on August 15, 1968. Top of Perforations 9033'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: NE/4

CASE 3893: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL FLYING "M"-SAN ANDRES

TOWNSHIP 10 South RANGE 33 East NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right and moving left, then alternating rows to move right. The grid is as follows:

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

PURPOSE: One completed oil well capable of producing.

COASTAL STATES GAS PRODUCING COMPANY - State "4" #1 in Unit B of Section 4-10-33. Completed in San Andres on September 2, 1968. Top of Perforations 4541'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 4: NE/4

CASE 3893: (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY		LEA		POOL JUSTIS-BLINEBRY									
TOWNSHIP				24 South		RANGE		37 East		NMPM			
6		5		4		3		2		1			
7		8		9		10		11		12			
18		17		16		15		14		13			
19		20		21		22		23		24			
30		29		28		27		26		25			
31		32		33		34		35		36			

PURPOSE: One completed oil well capable of producing.

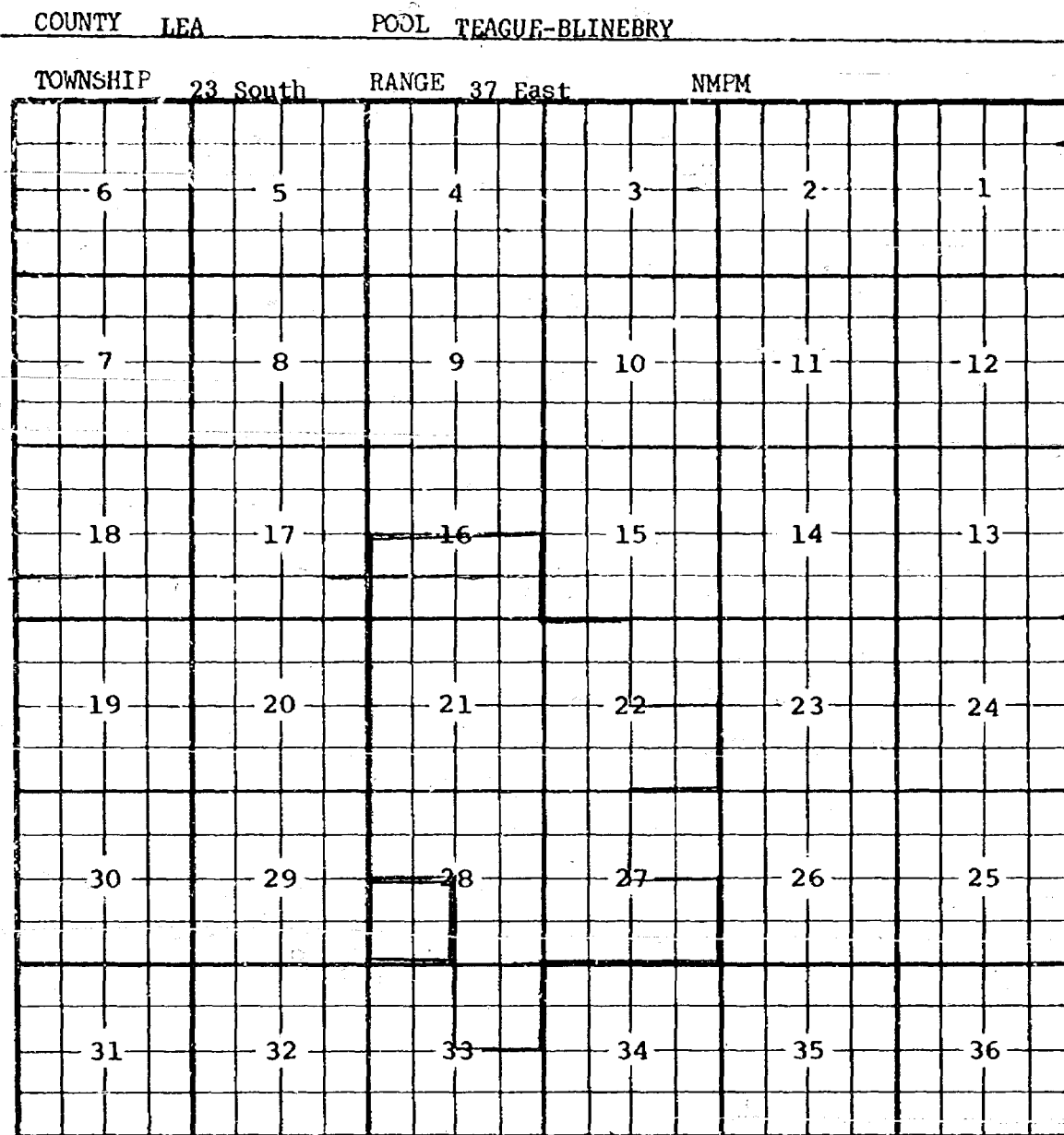
CONTINENTAL OIL COMPANY - Jack B-27 #1 in Unit A of Section 27-24-37.

Completed in Blinebry on June 11, 1968. Top of Perforations 5246'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 27: NE/4

CASE 3893: (n) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - M. K. Stewart #6 in Unit K of Section 28-23-37.

Completed in Blinebry on July 30, 1968. Top of Perforations 5449'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 28: SW/4

CASE 3893: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	NORTH VACUUM-ABO												
TOWNSHIP	17 South	RANGE	34 East	NMFM											
6	5	4	3	2	1										
7	8	9	10	11	12										
18	17	16	15	14	13										
19	20	21	22	23	24										
30	29	28	27	26	25										
31	32	33	34	35	36										

PURPOSE: One completed oil well capable of producing.

MOBIL OIL CORPORATION - Bridges State #126 in Unit J of Section 11-17-34.

Completed in Abo on June 23, 1968. Top of Perforations 8603'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: SE/4

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 509.
 If discovery is claimed for more than one zone, separate forms must be filed for each.

Cace 3893

Operator Gulf Oil Corporation		Address Box 1938, Roswell, New Mexico 88201	
Lease Name W. D. Grimes (NCT-A)		Well No. 16	County Lea
Well Location Unit Letter D 800 Feet from The North Line and 700 Feet			
From the West Line of Section 32 Township 18-S Range 38-E NMPM			
Suggested Pool Names (List in order of preference) 1. Hobbs Paddock 2. 3.			
Name of Producing Formation Paddock		Perforations 5389-5391'	Date of Filing Form C-104 8-26-68
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? Yes		If Yes, Give Date of Filing 8-12-68	Date Well was Spudded 7-1-68
Total Depth 7050'		Plugged Back Depth 6350'	Depth Casing-Shoe 7039'
Oil Well Potential (Test to be taken only after all load oil has been recovered) 281 Bbls, Oil Per Day Based On 117 Bbls In 10 Hours; 96 Bbls Water Per Day Based On 40 Bbls		Tubing Depth 5360' Approx.	
In 10 Hours; Gas Production During Test: Not measured		Elevation (Gr., DF, RKB, RT, etc.) 3649' KB	
Gas-Oil Ratio: Not		Method Of Producing: Swab	

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 Bowers - Seven Rivers	Name of Producing Formation Bowers	Top of Pay 3120'	Bottom of Pay 3207'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 146' NW (Gulf's W. D. Grimes (NCT-A) #10		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 2182'		

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

Pool Name Monument Paddock	Top of Pay 5180'	Bottom of Pay 5200'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 9 1/2 miles southwest			

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 5389'
---	--

Is the Subject Well Multiple Completion? Yes	Is Discovery Allowable Requested for other Zone(s)? Yes	If Yes, Name all Such Formations Blinberry
--	---	--

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Humble Oil & Refg. Co., Box 2100, Hobbs, N.M.	W. K. Byron, 817 N. Turner, Hobbs, N. M.
Continental Oil Co., Box 1460, Hobbs, N. M.	Sinclair Oil & Gas Co., Box 1920, Hobbs, N. M.
Amerada Petroleum Corp., Box 668, Hobbs, N.M.	Skelly Oil Co., Box 730, Hobbs, N. M.
Marathon Oil Co., Box 220, Hobbs, N. M.	
Sun Oil Co., Box 1205, Hobbs, N. M.	
Pan American Petroleum Corp., Box 68, Hobbs, N.M.	
Atlantic Richfield, Box 1710, Hobbs, N. M.	
Shell Oil Co., Box 1509, Midland, Texas	
Cities Service Oil Co., Box 69, Hobbs, N. M.	
Mobil Oil Corp., Box 1800, Hobbs, N. M.	
Surray-Dx Oil Co., Box 1416, Roswell, N. M.	
Getty Oil Co., Box 249, Hobbs, N. M.	
Texaco, Inc., Box 738, Hobbs, N. M.	

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: Above operators were furnished a copy of this application September 19, 1968.
--

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 the well described and that the discovery is 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.

Date **10-23-68**

M. E. Taylor
 Signature

District Production Manager
 Position

September 19, 1968
 Date

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 509.
 If discovery is claimed for more than one zone, separate forms must be filed for each.

Lease 3893

Operator Gulf Oil Corporation		Address P. O. Box 1938, Roswell, New Mexico 88201	
Lease Name W. D. Grimes (NCT-A)		Well No. 16	County Lea
Well Location Unit Letter D ; 800 Feet from The North Line and 700 Feet			
From the West Line of Section 32 Township 18-S Range 38-E NMPM			
Suggested P861 Names (List in order of preference) Hobbs Blinbry			
Name of Producing Formation Blinbry		Perforations 5871-73', 5905-07', 5941-43' & 6081-83'	Date of Filing Form C-104 Not filed
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? Yes		If Yes, Give Date of Filing 8-8-68	Date Well was Spudded 7-1-68
Total Depth 7050'		Plugged Back Depth 6350'	Depth Casing Shoe 7039'
		Tubing Depth 5840' approx.	Elevation (Gr., DF, RKB, RT, etc.) 3649' KB
Oil Well Potential (Test to be taken only after all load oil has been recovered) 272 Bbls, Oil Per Day Based On 51 Bbls In 4 1/2 Hours; 128 load Bbls Water Per Day Based On 24 Bbls			
In 4 1/2 Hours; Gas Production During Test: Not measured MCF; Gas-Oil Ratio: Method Of Producing: Swab Chk. Size			

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 Bowers - Seven Rivers	Name of Producing Formation Bowers	Top of Pay 3120'	Bottom of Pay 3207'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 1 1/2' NW (Gulf's W. D. Grimes (NCT-A) #10		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 2664'		

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

Pool Name East Hobbs Blinbry	Top of Pay 6405'	Bottom of Pay 6433'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool 6 1/2 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 --
---	---

Is the Subject Well Multiple Completion? Yes	Is Discovery Allowable Requested for other Zone(s)? Yes	If Yes, Name all Such Formations Paddock
--	---	--

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Humble Oil & Refg. Co., Box 2100, Hobbs, N.M.	W. K. Byron, 817 N. Turner, Hobbs, N. M.
Continental Oil Co., Box 460, Hobbs, N. M.	Sinclair Oil & Gas Co., Box 1920, Hobbs, N. M.
Amerada Petroleum Corp., Box 668, Hobbs, N.M.	Skelly Oil Co., Box 730, Hobbs, N. M.
Marathon Oil Co., Box 220, Hobbs, N. M.	
Sun Oil Co., Box 1205, Hobbs, N. M.	
Pan American Petroleum Corp. Box 68, Hobbs, N.M.	
Atlantic Richfield, Box 1710, Hobbs, N. M.	
Shell Oil Co., Box 1509, Midland, Texas	
Cities Service Oil Co., Box 69, Hobbs, N. M.	
Mobil Oil Corp., Box 1800, Hobbs, N. M.	
Sunray-Dx Oil Co., Box 1416, Roswell, N. M.	
Getty Oil Co., Box 249, Hobbs, N. M.	
Texaco, Inc., Box 738, Hobbs, N. M.	

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: Above operators were furnished a copy of this application September 19, 1968.

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

Case 3893

Gulf Oil Company - U.S.

EXPLORATION AND PRODUCTION DEPARTMENT
ROSWELL DISTRICT

T. W. Kidd
DISTRICT MANAGER
M. I. Taylor
DISTRICT PRODUCTION
MANAGER
P. E. Wyche
DISTRICT EXPLORATION
MANAGER
H. A. Rankin
DISTRICT SERVICES MANAGER

September 19, 1968

P. O. Drawer 1938
Roswell, New Mexico 88201

*file
Oct
SE
monomolite*

New Mexico Oil Conservation Commission
Post Office Box 1980
Hobbs, New Mexico 88240

Attention: Mr. Joe D. Ramey

*Discovery
Allowable
monomolite*

Re: Application for Oil Discovery Allowable
and Creation of New Pools, Gulf Oil
Corporation W. D. Grimes (NCT-A) Well
No. 16, Undesignated Paddock and Blinebry
Oil Pools, Lea County, New Mexico

Gentlemen:

Attached in accordance with Statewide Rule 509, are two copies of Form C-109, Application for Discovery Allowable and Creation of a New Pool, for Gulf's W. D. Grimes (NCT-A) Well No. 16 for Undesignated Paddock and Blinebry Oil Pools, Lea County, New Mexico. This well is located 800 feet from the north line and 700 feet from the west line of Section 32, T-18-S, R-38-E.

Respectfully submitted,

GULF OIL CORPORATION

M. I. Taylor
M. I. Taylor

Attachments
JHH:sz

cc: Oil Conservation Commission
State of New Mexico
Post Office Box 2088
Santa Fe, New Mexico 87501
Attention: Mr. A. L. Porter, Jr.

Offset Operators
(Shown on attached Form C-109)



A DIVISION OF GULF OIL CORPORATION

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. 3893
ORDER NO. R- 3530

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING CERTAIN
POOLS IN CHAVES, LEA, AND ROOSEVELT
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on October 16, 1968, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this ___ day of October, 1968, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

Sumo
That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Glorieta Formation, to bear the designation of Hobbs - Paddock Pool. That the discovery well for said pool, the Gulf Oil Company - U.S. W.D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 26,945 barrels to be assigned over a two-year period. The top of the perforations in said well is at 5,389 feet.

(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Blinbry Formation, said pool to bear the designation of Hobbs - Blinbry Pool. Further, that the discovery well for said pool, the Gulf Oil Company - U.S. W.D. Grimes (NCT-A) Well No. 16 located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 29,355 barrels to be assigned over a two-year period. The top of the perforations in said well is at 5,871 feet.

add to (a) That the discovery well for said pool, the Gulf Oil Company - U.S. W.D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is hereby authorized an oil discovery allowable of 26,945 barrels to be assigned to said well at the rate of 37 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

add to (b) That the discovery well for said pool, the Gulf Oil Company - U.S. W.D. Grimes (NCT-A) Well No. 16, located in Unit D of Section 32, Township 18 South, Range 38 East, NMPM, is hereby authorized an oil discovery allowable of 29,355 barrels to be assigned to said well at the rate of 41 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations.

✓ SECTION 19: SE/4

(e) That the East Bagley-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 4: SW/4
SECTION 5: SE/4
SECTION 9: NW/4

(f) That the North Bagley-Lower Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 30: S/2 NE/4 and SE/4
SECTION 32: NW/4
SECTION 33: NW/4

(g) That the Blinebry Oil Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
SECTION 17: SW/4

(h) That the East Brunson-McKee Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM
SECTION 26: NE/4

(i) That the Cass-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: SE/4

(j) That the Cato-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
SECTION 13: SW/4
SECTION 23: SE/4

✓ TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
SECTION 5: NW/4

(k) That the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 25: NE/4

(l) That the Flying "M"-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
SECTION 4: NE/4

(m) That the Justis-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 27: NE/4

(n) That the Teague-Blinbry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM
SECTION 28: SW/4

(o) That the North Vacuum-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 11: SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be November 1, 1968.

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