SOUTHEASTERN NEW MEXICO NOMENCLATURE

(ase Number

3893

Application Transcripts.

Small Exhibits

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 $\frac{22\text{nd}}{}$ 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,

PINDS:

- (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.

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- (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 Bast 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:

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

That the discovery well for said pool, the Gulf Gil 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 BAST, 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 BAST, 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: 8E/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:

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 BAST, NMPM

Section 30: 5/2 NE/4 and 8E/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 BAST, NMPM Section 26: ME/4

(1) 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 BAST, 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 R SOUTH, RANGE 30 RAST, 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

(1) 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: 5W/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

II 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 Movember, 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 amened, 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.

-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 harrels 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 _3Docket 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 + 5F/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 ; + T70 KBet (Sac 5)

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

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

October 16, 1968 Regular Hearing

Docket No. 30-68

(1) 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

IPECIALIZING IN. DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILT COPT, CO

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:

- O 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.
- Were they prepared by you or by someone under your supervision?
 - A Yes, they were.
 - 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 potentialed 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.

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

Yes, sir. We have a creation in Paragraph C of the to be made. 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.

O 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.

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WITNESS

DANIEL S. NUTTER

Direct Examination by Mr. Hatch

 $\underline{\mathbf{E}} \ \underline{\mathbf{X}} \ \underline{\mathbf{H}} \ \underline{\mathbf{I}} \ \underline{\mathbf{B}} \ \underline{\mathbf{I}} \ \underline{\mathbf{T}}$

Marked for Received in Number Identification Evidence

Commission Exhibit Number 1

3

6

STATE OF NEW MEXICO)

SS.
COUNTY OF BERNALILLO)

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.

Grafatto Maciaso
Notary Public

My Commission Expires: February 10, 1971.

NOMENCIATURE 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) **) 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 Sulf 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:

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

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

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

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

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

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

, -2-October, 1968 Nomenclature

g) EXTEND the East Brunson-McKee Pool in Lea County, New Mexico, to in-

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

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

j) EXTEND the South Flying "N"-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

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

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

1) EXTEND the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

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

m) EXTEND the Teague-Blinebry Pool in Lea County, New Mexico, to include therein:

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

on) 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 Corporātion HOBBS PRODUCTION ARES

August 8, 1968

P. O. BOX 2187 670 Hobbs, New Mexico

C. D. Borland
AREA PRODUCTION HANAGER

Epre 3893

RWA

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

Attached is an affidavit relating information on Gulf Oil Corporation's N. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FNL of Section 32-185-38E, Lea County, New Mexico, affirming a discovery in the Blinebry formation of the Hobbs Field. Dear Sir: a discovery in the Blinebry formation of the Hobbs Field.

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

Yours very truly,

C. D. BORLAND Area Production Manager

JDM:ptg

Cil Conservation Commission, Hobbs, New Mexico Att'd. M. I. Taylor, Roswell, New Mexico

BOCKET MAJLED

Car 3893

anolfoll Corporation

HOBBS PRODUCTION AREA

C. D. Borland
APER PRODUCTION MANAGER

Angust 8, 1963

Hobbs, New Mexico

Week 3893

AFFIDAVIT - DISCOVERY MELL

Gulf Oil Corporation spudded its W. D. Grimes (NCT-A) No. 16, located SOO! FIL 700! Fil of Section 32-185-38E, Lea County, New Mexico, July 1, 1968.

After setting surface casing at 1497 feet, an 8-13/4 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 sub-sea elevations of the Ridgebry Hearkers has been picked at 5747 feet. The sub-sea elevations of the and from ough feet to ough feet with 2 jet notes per foot. The top of the Blinebry "marker" has been picked at 5747 feet. The sub-sea elevations of the Blinebry perforations range from SLD minus 2222 to SLD minus 2434.

After perforating, a casing packer was run and set at 5842 feet. Twentythree 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. C. D. EORLAND Closed in 132 hours, tubing pressure 375 psi.

COUNTY OF LEA

SUBSCRIBED AND STORM to before me, a Notary Public, in and for the County of Lea, STATE OF NEW PEXICO

State of New Mexico, on this the 3th day of August, 1968,

My Commission Excires 3-21-69

Parti J. Gibbins

Come 3893

Gulf Oil Corporation

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGER

August 12, 1968

P. O. Box 12767670

Carl 3893

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

Dear Sir:

JDM: jrp

Att'd.

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

Area Production Manager

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

GULF

Clark 3893

Gulf Oil Corporation

HOBBS PRODUCTION AREA

C. D. Borland
AREA PRODUCTION MANAGES

August 12, 1968

P.O. Box 2464 670

AFFIDAVIT - DISCOVERY WELL

Case 3893

Gulf Oil Corporation spudded its W. D. Grimes (NCT-A) No. 16, located 800' FNL 700' FWL of Section 32-185-38E, 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 perforacing, a casing packer was run on tubing and set at 5337 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 29.50 API.

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

Cari 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

ADDITION----SECTION 30: SE/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:

COWNSHIP 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

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

ADDITION ----TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM SMITION 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

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

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

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

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

CYZE 3885:

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

CYSE 3881:

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

YULOWABLE:

- 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

ADDITION-----SECTION 30: SE/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

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Section 22: SR/4 RANGE 37 EAST, NMPM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Section 22:
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Extend the Cato-San Andres Pool in Chaves County, New
                                                                                                                                                                                                                                                                                                                                                                                                                              (j)
                                                                                                                                                                                                                                                                                                                                                                                                                Mexico, to include therein:
                                                                                                                                                                                                                                                                                                                     ADDITION----
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
                                                                                                                                                                                                                                                                                                                                    (k) Extend fillow 5: NW/4

County. New Mexico. to include therein: Pennsylvanian Pool in Lea
                                                                                                                                                                                                                                                                                                                                                                           County, New Mexico, to include therein:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CONTINUE O SOUTH RANGE 32 FAST, NMPM
                                                                                                                                                                                                                                                                                                                                                                                       Extend the Flying "M"-San Andres Pool in Lea County,
                                                                                                                                                                                                                                                                                                                                                      (1)
                                                                                                                                                                                                                                                                                                                                          New Mexico, to include therein:
                                                                                                                                                                                                                                                                                                                                                                                                                                    TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM
                                                                                                                                                                                                                                                                                                                                                        Extend the Justis-Blinebry Pool in Lea County, New
                                                                                                                                                                                                                                                                                                                        (m)
                                                                                                                                                                                                                                                                                                            Mexico, to include therein:
                                                                                                                                                                                                                                                                                                                                                                                                      TOWNSHIP 24 SOUTH RANGE 37 EAST NMPM
                                                                                                                                                                                                                                                                                                                           Extend the Teague-Blinebry Pool in Lea County, New
                                                                                                                                                                                                                                                                               Mexico, to include therein:
                                                                                                                                                                                                                                                                                                                                                                        TOWNSHIP 23 SOUTH RANGE 37 EAST, NMPM
                                                                                                                                                                                                                                                                                        co. to include therein: New
                                                                                                                                                                                                                                                 Mexico, to include therein:
                                                                                                                    Operators of said wells seek authority for the
                                                                                                                                                                                                                                                                                                                                          TOWNSHIP 17 SOUTH RANGE 34 EAST, NMPM
                                                                                                                                                Producting from the West Tonto-Yates-Soven River Pool, to County, New Mexico. Applicants Seek authority for the Pool.
                                                                                                          January 1, 1969.

Said exception William the West Tonto-Yates-Seven Rivers Pool, Leader Sounty, New Mexico. Applicants seek authority for all wells
                                                                                                                         Eddy, Chaves, and Roosevelt Counties, New Mexico, after an annaxy 1, 1969, Said exception Would be for all Wells
                                                                                             bronibits the disposal of Water produced in Lea, we produced in the standard on the surface of the ground in Lea, with the produced of the ground in Lea, the produced in Lea, th
                                                                    exception to Order No. R-3221, as amended, which order production of oil on the surface of the ground in Lea, with
                                                                                                                  Mexico.

Prohibits the disposal of water broduced in conjunction order as amended, which order as prohibits the disposal of water broduced in conjunction.
                                                                                                      Applicants, in the above-styled cause, seek an to order No. R-3221, as amended, which order an
                                                                        Application of William A. and Edward R. Hudson for an the above-styled cause, seek an an the above-styled cause, seek an
                                                                                                              Application of William A. and Edward R. Hudson for an exception to Order No. R-3221, as amended, Lea County,
                                                                       Applicant seeks authority to continue to dispose of production section, pit located in the aforesid
                                Applicant seeks authority to continue to dispose of produced by ater in an unlined surface pit located in the aforesaid produced by a few and the second in the second by the second by the second in the second by 
                                         in the SE/4 SE/4 of Section 14, Township 25 South, Range Applicant seeks authority to Continue to dispose of produced.
                                                          Said exception would be for applicant's Federal "O" lease as to be for applicant, Tea County, New Mexical states as the section of Section 14, Township 25 South, Range as the section of Section 14, Township 25 South, Range as the section of Section 14, Township 25 South, Range as the section of Section 14, Township 25 South, Range as the section of Section 14, Township 25 South, Range as the section of Section 14, Township 25 South, Range as the section 15, 
                                              and Roosevelt Countles, New Mexico, affer January 1, 1969, in the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the SE/4 of Section 14, Township 25 South, Range 1, 10 the Section 1, 
                                         of oll on the surface of the ground in Lea, Eddy, Chaves, Said exception would be for applicant's Federal "o" 1969, asid exception would be for applicant's Federal "o" lease.
                                           disposal of water produced in conjunction with the produced and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after January 1, 1969, and Roosevelt Counties, New Mexico, after Danier Loop Roosevelt Counties of 
Order No. R-3221, as amened, which order production of oil on the surface of the ground in Lea, Eddy, Chaves, of oil on the surface of the ground in Lea, Eddy, Chaves, of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CWSE 3892:
                                                      Applicant, in the above-styled Canse, seeks an exception with the produced in conjunction with the 
       Order No. R-3221, as amended, which order prohibits the to
     CASE 3891:

Application of Joseph I, O'Neill, Jr., for an exception to order No. R-3221, as amended, Lea County, New Mexico.
                                                           Application or Joseph 1. U. Metll, Jr., Tor an except.

Applicant, in the above-styled cause, seeks an except.
   Pools in San Juan, Rio Arriba and Sandoval Counties, Wew Mexico, for November, 1968, 93s trom nine protection of 9
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Eddy and koosevelt Counties, New Mexico, Consideration of the Arriba and Sandoval Counties, Solution of Gandoval Counties, Consideration of Sandoval Consideration of Sandoval Counties, Consideration of Sandoval Counties, Consideration of Sandoval Consideration of Sandov Eddy and Roosevelt Counties, New Mexico, Consideration of the allowable production of gas from nine provated production of gas from nine provated in Lea. Consideration or the allowante production or year for Mexico, Consideration or and Roosevelt Counties, New Mexico, Consideration or said for the sai Consideration of the allowable production of gas for thorought, 1968, from thirteen provated bools in Lea, November, 1968, November, 1968,

NEW POULS	
a) It is recommended that a new oil pool be created and designated as t	he
HOBBS-PADDOCK Pool.	
Vertical limits to be the <u>Glorieta</u> formation and the horizont	a l
limits should be as follows: As shown in Paragraph (a), Exhibit I	
Discovery well was <u>Gulf Oil Corporation - W. D. Grimes NCT-A #16</u>	
located in Unit D Section 32 Township 18 Range 38 and was completed on	
August 9, 1968 ####################################	
perforations is at 5389 feet.	
b) It is recommended that a new oil pool be created and designated as t	he
HOBBS-BLINEBRY Pool.	
Vertical limits to be the <u>Blinebry</u> formation and the horizont	a l
	~ 1
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	:
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	
<u>July 15, 1968</u> ###################################	f
perforations is at 9560 feet.	

NEW POOLS It is recommended that a new oil pool be created and designated as the WEST MILNESAND-PENNSYLVANIAN POOL. Vertical limits to be the <u>Bough C</u> 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 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 HO	BBS-PADDOC	K	
TOWNSHIP	18 South	RANGE 38	East	NMPM	
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			:		
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			+		+++++
	1.45				1-1-1-1
30 +	29	28	27-	26	25
			1-1-1-		
31-	32	33 +	34-	35	36
		× ,		lacksquare	
DUDDOCE.	One complete	d oil well ca	nable of r	roduciña	
					Section 32-18-38
				of Perforation	
Proposed p	ool boundary	colored in r	ed. SEC	TION 32: NW/4	
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CASE 3893: (b) CREATION OF A NEW OIL POOL HOBES-BLINEBRY
100 3893; (b) CREATION OF A THE
nrOV and
COUNTY DEPORT OF THE PANCE 38 East
TOWNSHIP 18 South
h-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
H+++++++++++++++++++++++++++++++++++++
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31 + 32 + + 33 + + + + + + + + + + + + + +
PHRPOSE: One completed oil well capable of producing. PHRPOSE: One completed oil well capable oil
completed oil well capable of whit D of Section NCT-A #16 in Unit D of Sections 5871'.
PHRPOSE: One comparion - W. D. Grimes NOT. Top of Perforations
PHRPOSE: One completed oil well capable of the Unit D of Second S
Completed pool boundary colored
Propos

COUNTY CREATION OF A NEW OIL POOL
TOWNSHIP IS A EAST DENTON-WOLFCAUR
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30 + 29
$\frac{1}{1}$
26 25
31 32 32
PURPOR D
PURPOSE: One completed oil well capable of producing. ROBERT G. BROWN - Mitchell #1 in Unit C. of C.
ROBERT G. BROWN - Mitchell #1 in Unit C of Section 5-15-38. Completed in Proposed pool boundary colored in male
Proposed Proposed Top of Proposed Propo
Wolfcamp on July 15, 1968. Top of Perforations 9560'. Proposed pool boundary colored in red. SECTION 5: NW/4
SECTION 5: NW/4

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

ASE 3893: (d) CREAT	POOL	WEST MIL	NESAND-PENNS	YLVANIAN	
COUNTY ROOSEVELT	POOL	THORITIES			·
TOWNSHIP 8 South	RANGE	34 East	NMPM		
		+++		- 2-	1
65			-3	1	
					
					1-1-1
7 - 8 -		9	- 10	-11-	12
7 + 7 - 6		 			
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18	+	16			
				┼╌┼╌╂	+++
			1-1-1-	+++	1 24
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					36
31	32	33	34	35	1-1-1-1
31	+++	 			
PURPOSE: One com	1 trad of	1 well ca	pable of prod	lucing.	
PURPOSE: One com	mp - Col	lins Fede	ral #1 in Un	it J of Sec	tion 19-8-04.
ROGER C. HANKS, I	ph C on Ma	y 27, 196	8. Top of P	erforations	9192
Completed in Bour	undary co.	lored in	edSECTION	19: _SE/4	
Lichosea bass					
		·			

CASE 3893: (e) EXTERN		
animat - DA	POOL EAST BAGLEY-PENNSYLVANIAN	
COUNTY LEA	RANGE 34 Fast NMPM	-
TOWNSHIP 12 South	RANUS 34 Legg	
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10 17	15 + 14	-
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30 + 1		
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	32 34 34 34	+-1
31		لسل
	ompleted oil well capable of producing. propuring COMPANY - Smelting State #1 in Unit F of Se	<u> </u>
number. One co	ompleted oil well capable of producing. PRODUCING COMPANY - Smelting State #1 in Unit F of Se PRODUCING COMPANY - Smelt	ction
PURPUSE: OTATES I	ompleted of the company - Smelting State #1 in Uniter PRODUCING Company - Smelting Company - Smelt	tions.
WESTERN COMple	eted in Bough "C" on August 8, I/C	
yyy8 :	colored in red. SFCTION 4: SW/4	
Pool Doungary	extensions contion 5: 31/3	•
Proposeu pook	SECTION 9: NW/4	
	SIMILAN	

CASE 3893:	(E)	EXTENS	ION OF	AN EX	(121 rm	, 02-				A 3.T					
CVSE 3830.	(-,		7007	NORT	H BAGL	EY-LO	WER PE	NNSY	LVANI	AN					
COUNTY	LEA				3 Fast		NMPM	-	_	TT	_		>		
TOWNSHIP	11 S	outh	RANG		3 (45					1-1	+				
						1-3-	11	+:	2		1 1				
		- 5		-4					++	+			ł	3	
1-6-		1	-	_		1-1	1		+-+	1					
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COUNTY	LEA	POOL	BLINEBRY OI	L	<u>-</u>	
TOWNSHIP	21 South	RANGE	37 East	NMPM		
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PURPOSE:	One complete	ed oil we	ll capable o	of producing		

PURPOSE: One completed oil well capable of producing.	
SUN OIL COMPANY - W. W. Weatherly #4 in Unit K of Section	on 17-21-37. Com-
pleted in Blinebry on July 11, 1968. Top of Perforation	ns 5825'.
Pool boundary colored in red.	
Proposed pool extension colored in green. SECTION 17:	SW/4
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CASE 3893: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY EXTENSION OF AN EXISTING OIL POOL
TOWNSHIP 22 SOUTH PANCE
37 East NMPM
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PURPOSE: One
JCE N. CHAMPIAN
PURPOSE: One completed oil well capable of producing. JOE N. CHAMPLIN - Baker #2 in Unit A of Section 26-22-37. Completed in Pool boundary colored in red
DECTION OF STATE OF THE PROPERTY OF THE PROPER
McKee on July 28, 1968. Top of Perforations 7370'. Proposed pool extension colored:
responsed pool extension colored in
Proposed pool extension colored in green. SECTION 26: NE/4

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

COUNTY	LEA			P00	L	ÇA	<u>ss-</u>	PEN	NSYLV <i>i</i>	ANIA	N							<u> </u>
TOWNSHIP	20	South		RAN	GE	3	7 E	ast		MM	PM	,		,	,			
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PURPOSE: PAN AMERI of Sectio orations	CAN 1	PETROLI -20-37	EIM_C	ORP mpl	ORÂ ete	TIO d i	N - n S	Gi tra	11011;	y "B Jul	" F y 1	ede	ral 196	_#1	2_i	n_U	nit	J
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Proposed											UN	22.	<u> </u>	E/4				
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CASE 3893: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	СН	AVES	3	P	OOL	CA	TO	SAN	ANI	ORE	3							·		-
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PURPOSE:	On	e cc	mnle	ted o	il we	11	can	ahl	e of	e n	rodi	nei:	വർ				لحسيا	<u> </u>	<u> </u>	,
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ADDITION-	-TH	E EA	STLA	ND DR	LLIN	G C	OMP	ANY	_=_1	lod	ges	Fe	ler	a1_	#1_	in_	Uni	t J	of	_
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Proposed	poo.	l ex	ctens	ions c				-							-					
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CASE 3893: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY CHAVES	POOL	CATO-SAN			
TOWNSHIP 9 South	RANGE	30 East	NMPM		
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31 32	<u>.</u>	33	34	- 1 35 T	
31 + 31		1-1-	┠╼┼╾┼╾┼		
DUDDOCE: As stated					-24- T

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

COUNTY	LEA	POOL SOUTH	PLYING "M"-P	ENNSYLVANIAN	-
TOWNSHIP	9 South	RANGE 32 E	ast NM	P M	
6-	5	4	3	2-	1
7	8 -	9-	10	- 11	12
				11	12
18	17 +	16	15	14	13
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30	29	28	27	26	25-
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	1 1 1	1 1 22	24	35	36
31	32 +	33	34	35	36
		d oil well cap			
		Alice Ann #1 August 15, 19			
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		n colored in g		ON 25: NE/4	
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CASE 3893: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL FLYING "M"-SAN	ANDRES
TOWNSHIP	10 South	RANGE 33 Fast	NMPM
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	8 +	9 10	-11
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18	15	16 15	14 13
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	20.3	21 22	23 24
30 -	29	28 27 -	26 - 25 -
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31	32	33 - 34	35 36
PURPOSE: C	ne completed	d oil well capable of	producing.
	,		e "4" #1 in Unit B of Section
			per 2, 1968. Top of Perfora-
tions 4541		in red.	
	and the second second second	n colored in green. S	
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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
			12
			.2
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 p	roducing.	
CONTINENTAL OIL COMPANY	4		
Completed in Blinebry o Pool boundary colored i			
Proposed pool extension			
			

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

COUNTY	LEA	POOL NORTH VACUUM-ABO	
TOWNSHIP	17 South	RANGE 34 East NMPM	
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31-	32	33 - 34 - 35 - 36 -	
PURPOSE: 0	ne completed	d oil well capable of producing.	
MOBIL OIL C	ORPORATION -	- Bridges State #126 in Unit J of Section 11-17-	-34
		ne 23, 1968. Top of Perforations 8603'.	
		in red.	
Proposed po	ol extension	n colored in green. SECTION 11: SE/4	
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NEW MEXICO OIL CONSERVATION COMMISSION APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

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.

Operator					Mick.	389	
Gulf Oil Corporation			Address			****	
Lease Name			Box 1938	Rosvell,	New Mexi	<u>co 88201</u>	
W. D. Orimes (NCT-A) Well Location		:	16	La	4 .	***************************************	
Unit Letter	800	9	Feet from T	he North	Line ar	d	Feet
From the Nat Line of S Suggested Pool Names (List in order of		, Township	18-8	, R	ange 38-K	L	, ММРМ
I. (Hobbs Faddock) Name of Producing Formation	2. Perforations				3.	Date of Filin	g Form C-104
Paddook Was "Affidavit of Discovery" Previous	5389-5		a In	e Well was Spud	dad	8-26-6	8 Ready to Prod.
For This Well in this Pool?		2-68		7-1-68		8-10-6	
Total Depth Plugged B	ack Depth	Depth Casing St		ing Depth		on (Gr., DF, 101 KR	RKB, RT, etc.)
Oll Well Potential (Test to be taken on				co. white	.a	44. VP	-
Bbls, Oil Per Day Bo	used On 117	Bbls In 10 measure :Not MC	Hours; Gas-Oil CF; Ratio;	Met	s Water Per Day hod Of ducing: Sical	Based On Chk. Size	40 Bbls
EAREST PRODUCTION TO THIS DISC if or vertical separation):	OVERY (Includés	past and present o	oil or gas proc	ucing areas and	zones whether	this discover	y is based on horizon
Pool Name	Name of Productr	ng Formation	Top of Pay	1	Bottom of Pay	Cur	rently Producing?
Bowers - Seven Rivers Horizontal Distance and Direction from Negrest Well in this Pool			Pool	,	Ect Discovery	Zone to Produ	ucing interval this
146' NW (Oult's V. D. O	rimes (NCT-	A) #10	2182	<u> </u>		· · · · · · · · · · · · · · · · · · ·	
EAREST COMPARABLE PRODUCTION Pool Name	N (Includes past a	nd present oil or g	Top of Pay		formation only		rently Producing?
Konument Paddock		<u> </u>	5180+		5200†		Yes
Horizontal Distance and Direction from	Subject Discovery	Well to the Neare		Comparable Po			
s the Subject Well Multiple Completion?	ther Zone(s)?	Yes, Name all Suc	ch Formations			2-6 ₅ 7	(
ICT ALL OPERATORS OWNING LEAST							
IST ALL OPERATORS OWNING LEAS	IES MIININ ONE Y	WILE OF INIS ME	LL (Attach ac	ditional sheet if	necessary)		
NAM	4E			ditional sheet if	necessary) ADDRES	<u> </u>	
Humble Oil & Refg. Co., Continental Oil Go., Bo	Box 2100, & 160, Hobb	Hobbs, N.M.	W. K. Sincle	Byrom, 817 ir 011 & 0	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M
Humble Oil & Refg. Co., Continental Oil Co., Bo Amerada Petroleum Corp.	Box 2100, x 160, Hobb , Box 668,	Hobbs, N.M. B, N. M. Hobbs, N.H.	W. K. Sincle	Byrom, 817	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M
Humble Oil & Refg. Co., Continental Oil Go., Bo Amerada Petroleum Corp. Merathon Oil Co., Ec. 2 Sun Oil Co., Box 1205,	Box 2100, x 160, Hobb , Box 668, 20, Hobbs, Hobbs, N. H	Hobbs, N.M. B, N. M. Hobbs, N.H. N. M.	W. K. Sincle Skelly	Byrom, 817 ir 011 & 0	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M
Humble Oil & Refg. Co., Continental Oil Co., Bo Amerada Petroleum Corp. Marathon Oil Co., Ecr 2 Sun Oil Co., Box 1205, Pan American Petroleum Atlantic Richfield, Box	Box 2100, x 160, Hobb , Box 668, 20, Hobbs, Hobbs, N. H Corp., Box 1710, Hobb	Hobbs, N.M. B, N. M. Hobbs, N.M. N. M. 68, Hobbs, H.	W. K. Sincle Skelly	Byrom, 817 ir 011 & 0	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M.
Humble Oil & Refg. Co., Continental Oil Go., Bo Amerada Petroleum Corp. Marathon Oil Go., Ecz 2 Sun Oil Go., Box 1205, Pan American Petroleum Atlantic Richfield, Box Shall Oil Go., Box 1509 Cities Service Oil Co.,	Box 2100, x 160, Hobb, Box 668, 20, Hobbs, Hobbs, N. H Corp., Box 1710, Hobb Hidlend, Box 69, Ho	Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. M. M. 68, Hobbs, H. Texas	W. K. Sincle Skelly	Byrom, 817 ir 011 & 0	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M
Humble Oil & Refg. Co., Continental Oil Go., Bo Amerada Petroleum Corp. Merathon Oil Co., Ec. 2 Sun Oil Co., Box 1205, Pan American Petroleum Atlantic Richfield, Box Shall Oil Co., Box 1509 Cities Service Oil Co., Ficbil Oil Corp., Box 18 Sunray-Dx Oil Co., Box	Box 2100, ox 160, Hobb, Box 668, 20, Hobbs, Hobbs, N. H Corp., Box 1710, Hobb, Hidlend, Box 69, Ho 100, Hobbs, 1416, Roswe	Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M. Hobbs, N.M.	W. K. Sincle Skelly	Byrom, 817 ir 011 & 0	Address No Turno as Co., B	r, Hobbs ox 1920,	Hobbs, N. M
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I hereby certify that all rules and regulations of the New Mexico Oli Conservation Commission have been compiled with, with respect to the subject well, and that it is my opinion that a bone fide discovery of a hitherto unknown common source of oil supply has been make it said welf it bridge 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.

Date 10-3-68

District Production Manager

September 19, 1968-

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.

Gulf Oil Corporation

County

Lea

| County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | County | Co

N. D. Grimes (NO	CT-A)			16	Lea		
Unit Letter	800			Feet from The	orth	Line and	700 Feet
From the West	Line of Section	32	. Township 1	8 - 8	, Romae	38-B	, имрм
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Hobbs Blinebry		2.			···		
ne of Producing Formati	1.2 4	rations				Date	of Filing Form C-104
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"Affidavit of Discover This Well in this Pool?	ry" Previously Filed?	_			was Spudded	Date	Compl. Ready to Prod.
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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.

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

Car 3893

Gulf Oil Company-U.S.

EXPLORATION AND PRODUCTION DEPARTMENT ROSWELL DISTRICT

T. W. Kidd
DISTRICT MANAGER
M. I. Taytor
DISTRICT PRODUCTION
MANAGER

P. E. Wyche

DISTRICT EXPLORATION

HANAGER

H. A. Rankin

DISTRICT SERVICES MANAGER

September 19, 1968

Roswell, New Mexico 88201

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

Attention: Mr. Joe D. Ramey

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

Attachments JHH:sz

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)



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:

(1)

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 réquired by law, the Commission has jurisdiction of this cause and the subject matter thereof.

That there is need for the creation of a new oil pool in Lea County,

Nico, for the production of oil from the Glorieta Formation,

I to bear the designation of Hobbs - Paddock Pool.

; that the discovery well for said pool Whalf Oil

pany : U.S. W. D. Grimes (NCT-A) Well No. 16, located in

it Dot Section 32, Township 18 South, Range 38 East, NMPM,

sentitled 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 Blinebry Formation, said pool to bear the designation of Hobbs—Blinebry Pool. Further, that the discovery well for said pool, the Gulf Oil Company—11.5. W.D. Grimes (NCT-H) Well No. He 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 5871 feet.

المال الر

(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 Dof Section 32, Township 18 South, Range 38 East, NMPM, is hereby authorized an oil discovery allowable of 26, 945 barrels to said well at the rate of 37 burrels per day the Commission Kules and

That the discovery well for said pool, the Gulf U.S. W.D. Grimes (NCT-A) Well No. 16, ald to Section 32, Township 18 South, Range 38 hereby authorized an oil discovery allowable assigned to said well at the rate of 41 accordance with Rule 509 Kegulation

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 SW/4 SECTION 4: SE/4 SECTION 5:

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 here-tofore classified, defined, and described, is hereby extended to include there-in:

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

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

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

(m) That the Justis-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.

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