CASE 3383:
SOUTHEASTERN NEW MEXICO NOMENCLATURE

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## BEFORE THE OIL CONSURVATION COMMISSION OF THE STATE OF NEW MEXICO

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

> CASE No. 3383 Order No. R-3051

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

### ORDER OF THE COMMISSION

### BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 16, 1966, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of March, 1966, 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 gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of North Cedar Lake-Morrow Gas Pool. Said North Cedar Lake-Morrow Gas Pool was discovered by Sinclair Oil & Gas Company, Fren Oil Company No. 21, located in Unit N of Section 19, Township 17 South, Range 31 East, NMPM. It was completed in Morrow on June 17, 1965. The top of perforations is 11,142 feet.
- (3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow

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formation, said pool to bear the designation of North Indian Hills-Morrow Gas Pool. Said North Indian Hills-Morrow Gas Pool was discovered by David Fasken, Ross Federal No. 1, located in Unit S of Section 4, Township 21 South, Range 24 East, NMPM. It was completed in Morrow on May 21, 1965. The top of perforations is 9590 feet.

- (4) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Palmillo-Bone Spring Pool. Said Palmillo-Bone Spring Pool was discovered by Redfern Development Corporation, Marathon State No. 1, located in Unit M of Section 36, Township 18 South, Range 28 East, NMPM. It was completed in Bone Spring on November 22, 1965. The top of perforations is 6422 feet.
- (5) That there is need for certain extensions to the Leslie Spring-San Andres Pool and the Linda-San Andres Pool, both in Chaves County, New Mexico, the Benshaw-Wolfcamp Pool and the Indian Basin-Upper Pennsylvanian Gas Pool, both in Eddy County, New Mexico, the Buckeye-Abo Pool, the Fowler-Blinebry Pool, the Justis-Tubb Drinkard Pool, the Lusk-Seven Rivers Pool, the Mesa-Queen Pool, the Monument-Tubb Pool, the Vacuum-Upper Pennsylvanian Pool, the Wantz-Abo Pool, and the East Weir-Tubb Pool, all in Lea County, New Mexico.

### IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the North Cedar Lake-Morrow Gas Pool, consisting of the following-described area:

# TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM SECTION 19: S/2 (being SE/4, E/2 SW/4 and Lots 3 and 4)

(b) That a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the North Indian Hills-Morrow Gas Pool, consisting of the following-described area:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 4: All

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

## TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 36: SW/4 SW/4

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

TOWNSHIP 18 SOUTH, RANGE 35 BAST, NMPM SECTION 2: NW/4 SECTION 3: NE/4

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

## TOWNSHIP 24 SOUTH, RANGE 37 BAST, NMPM SECTION 23: NW/4

(f) That the Henshaw-Wolfcamp Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWESHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 25: NW/4

(g) That the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

### TOWNSHIP 22 SOUTH, RANGE 23 BAST, NMPM

SECTION 13: A11 SECTION 14: A11 SECTION 15: A11

(h) That the Justis-Tubb Drinkard 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 BECTION 26: SW/4

TOWNSHIP 25 SOUTH, RANGE 37 BAST, NMPM SECTION 23: NW/4

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

## TOWNSHIP 7 SOUTH, RANGE 26 BAST, NMPM SECTION 27: S/2 N/2 and NW/4 SW/4

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

## TOWNSHIP 7 SOUTH, RANGE 26 BAST, NMPM SECTION 5: B/2 NB/4

(k) That the Lusk-Seven Rivers Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

## TOWNSHIP 19 SOUTH, RANGE 32 BAST, MAPM BECTION 3: NW/4

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

## TOWNSHIP 16 SOUTH, RANGE 32 RAST, NMPM SECTION 7: SW/4

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

## TOWNSHIP 20 SOUTH, PANGE 37 EAST, NMPM SECTION 9: NE/4

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

# TOWNSHIP 17 SOUTH, RANGE 34 BAST, NMPM SECTION 25: NW/4 SECTION 36: 68/4

(o) That the Wantz-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended

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to include therein:

## TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 4: E/2

(p) That the Bast Weir-Tubb 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 12: 8/2 SW/4

### IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be April 1, 1966.

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

STATE OF NEW MEXICO COMMISSION

JACK M. CAMPBELL, Chairman

Augler B. Han

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

### DOCKET: REGULAR HEARING - WEDNESDAY - MARCH 16, 1966

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

ALLOWABLE:

- (1) Consideration of the oil allowable for April, 1966;
- (2) Consideration of the allowable production of gas for April, 1966, 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 April, 1966.

CASE 3383:

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

a) CREATE A new gas pool for Morrow production designated as the North Cedar Lake-Morrow Gas Pool. The discovery well is Sinclair Oil & Gas Company, Fren Oil Company No. 21, located in Unit N of Section 19, Township 17 South, Range 31 East, NMPM. Said pool described as:

## TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM SECTION 19: S/2 being SE/4, E/2 SW/4 and Lots 3 and 4

b) CREATE A new gas pool for Morrow production designated as the North Indian Hills-Morrow Gas Pool. The discovery well is David Fasken, Ross Federal No. 1, located in Unit S of Section 4, Township 21 South, Range 24 East, NMPM. Said pool described as:

### TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 4: All

c) CREATE A new oil pool for Bone Spring production designated as the Palmillo-Bone Spring Pool. The discovery well is Redfern Development Corporation, Marathon State No. 1, located in Unit M of Section 36, Township 18 South, Range 28 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 36: SW/4 SW/4

d) EXTEND the Buckeye-Abo Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 2: NW/4

e) EXTEND the Fowler-Blinebry Pool to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

- 2 - March 16, 1966, Regular Hearing

f) EXTEND the Henshaw-Wolfcamp Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 25: NW/4

g) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM SECTION 13: All

SECTION 14: All SECTION 15: All

n) EXTEND the Justis-Tubb Drinkard Pool to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

i) EXTEND the Teslie Spring-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM
SECTION 27: S/2 N/2 and NW/4 SW/4

j) EXTEND the Linda-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM SECTION 5: E/2 NE/4

k) EXTEND the Lusk-Seven Rivers Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 3: NW/4

1) EXTEND the Mesa-Queen Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 7: SW/4

m) EXTEND the Monument-Tubb Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 9: NE/4

n) EXTEND the Vacuum-Upper Pennsylvanian Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: NW/4 SECTION 36: SE/4

o) EXTEND the Wantz-Abo Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 4: E/2

p) EXTEND the East Weir-Tubb Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: S/2 SW/4

Application of Shell Oil Company for the creation of two gas pools and for special pool rules, Lea County, New Mexico. Applicant, and for special pool rules, seeks the abolishment of the Antelope and for sylvanian Gas Pool, as presently defined, and the in the above-styled cause, seeks the abolishment of the Antelope Ridge-Morrow Pennsylvanian Gas Pool with vertical limits Ridge-Morrow Pennsylvanian Gas Pool with creation of the Antelope creation of the Antelope Ridge-Atoka Gas Pool with Antelope Creation of the Ant March 16, 1966, Regular Hearing CASE 3384: Ridge-Morrow Gas Pool with vertical limits from 12,854 feet to 13,840 feet. Applicant further seeks the promulgation of special 13,840 feet. Applicant further seeks the promulgation for 320 acre rules for each of said pools, including a provision for 320 acre rules for each of flexible well locations. spacing units and for flexible well locations.

### NOMENCIATURE ADVERTISEMENT FOR MARCH, 1966 CASE 33 83

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 Eddy County, New Mexico, and the extension of certain existing pools in Chaves, Eddy, 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.

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Cedar Lake-Morrow Gas Pool. The discovery well is Sincleir Oil & Gas Company, Fren Oil Company No. 21, located in Unit N of Section 19, Township 17 South, Range 31 East, NMPM. Said pool described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM SECTION 19: S/2 being SE/4, E/2 SW/4 and Lots 3 and 4

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the North Indian Hills-Morrow Gas Pool. The discovery well is David Fasken, Ross Federal No. 1, located in Unit S of Section 4, Township 21 South, Range 24 East, NMPM. Said pool described as:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 4: All

c) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Palmillo-Bone Spring Pool. The discovery well is Redfern Development Corporation, Marathon State No. 1, located in Unit M of Section 36, Township 18 South, Range 28 East, NMPM. Said pool described

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 36: SW/4 SW/4

d) EXTEND the Buckeye-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 2: NW/4

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

f) EXTEND the Henshaw-Wolfcamp Pool in Eddy County, New Mexico, to include therein:  $\times$ 

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 25: NW/4

g) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM SECTION 13: All

SECTION 13: All SECTION 14: All SECTION 15: All ,-2-March, 1966 Nomenclature

h) EXTEND the Justis-Tubb Drinkard Pool in Lea County, New Mexico, to include therein:

## TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

i) EXTEND the Leslie Spring-San Andres Pool in Chaves County, New Mexico, to include therein:  $\sqrt{\phantom{a}}$ 

## TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM SECTION 27: S/2 N/2 and NW/4 SW/4

j) EXTEND the Linda-San Andres Pool in Chaves County, New Mexico, to include therein:

## TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM SECTION 5: E/2 NE/4

k) EXTEND the Lusk-Seven Rivers Pool in Lea County, New Mexico, to include there-in:

## TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 3: NW/4

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

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

n) EXTEND the Vacuum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

## TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 36: SE/4

o) EXTEND the Wantz-Abo Pool in Lea County, New Mexico, to include therein:

p) EXTEND the East Weir-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: S/2 SW/4

ALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENT

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
March 16, 1966

REGULAR

HEARING

IN THE MATTER OF:

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

Case No. 3383

BEFORE:

Honorable Jack M. Campbell, Governor Guyton B. Hays, Land Commissioner A. L. (Pete) Porter, Secretary-Director

TRANSCRIPT OF HEARING



MR. DURRETT: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy, Cahves, and Lea Counties, New Mexico:

(Witness sworn.)

\* \* \*

DANIEL S. NUTTER, a witness, having been first duly sworn, was examined and testified as follows:

### DIRECT EXAMINATION

### BY MR. DURRETT:

- Q Will you please state your name and position for the record?
- A Dan Nutter, Chief Engineer for the New Mexico Oil Conservation Commission.
- Q Are you prepared to make recommendations to the Commission this morning concerning the creation and extention of certain pools in Eddy, Chaves, and Lea Counties, New Mexico?
  - A Yes, sir, I am.
- Q And have you prepared those in the form of an exhibit?
  - A Yes, sir.
  - Q How is that marked?
- A That's identified as Oil Conservation Commission Exhibit "A", Case 3383.
  - Q Will you please refer to Exhibit "A" in this case and



point out any discrepancies between that exhibit and the docket that has been prepared and distributed here this morning and emphasize any points.

All the creations and extensions as depicted in Exhibit "A" are identical to those shown on the docket and distributed here this morning with the following exceptions: Paragraph "D", there is an additional extension to the Buckeye-Abo Pool so that the complete extension would be Township 18 South, Range 35 East, Section 2 the Northwest Quarter and Section 3 the Northeast Quarter. In Paragraph "H", the extensions are as shown on the docket and also some additional acreage so that the total extension for that pool, the Justis-Tubb Drinkard is as follows: Township 24 South, Range 37 East, Section 26 Southwest Quarter; Township 25 South, Range 37 East, Section 23 the Northwest Quarter. With those two amendments the extensions are as depicted on the docket and I recommend that the extensions and creations as shown be adopted by the Commission.

- Was Exhibit "A" prepared by you or under your Q supervision?
  - Yes, it was.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit "A" and that will conclude my examination.



4 (Whereupon, Exhibit "A" was offered into evidence.) MR. PORTER: Without objection the exhibit will be admitted.

> (Whereupon, Exhibit "A" was admitted into evidence.)

## CROSS-EXAMINATION

## BY MR. PORTER:

Do you know why the Chaves Pool wasn't included in the Q nomenclature case this time?

No, sir, I don't. We had an extension for that pool last month, it's been coming up almost every month, and I'm sure there are some wells--I would predict that it would be on the nomenclature next month.

MR. PORTER: Any questions of Mr. Nutter? Witness may be excused. If there is nothing further to be offered in this case the Commission will take it under advisement. Now, at this time we're going to call Case 3384 and we will ask if there is any objection to the case being referred to an Examiner to be heard immediately following the adjournment of this session.

MR. MORRIS: Richard Morris, Seth, Montgomery, Federici & Andrews, Santa Fe, appearing for Shell Oil Company. We would have no objection to the case being referred to an Examiner, Mr. Porter. We very much appreciate the case being

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set on the docket for the Regular Commission Hearing today and the procedure you have outlined would be entirely satisfactory.

MR. PORTER: Then if there are no objections the Commission will recess the Regular Hearing at this time and refer Case 3384 to Mr. Nutter who will be the Examiner in this Case.

(Whereupon, the hearing was adjourned at 9:35 o'clock A.M.)



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STATE OF NEW MEXICO )

OUNTY OF BERNALILLO)

I, BOBBY J. DAVIS, 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 March, 1966.

Bobby James NOTARY ROBLIC

My Commission Expires: March 13, 1966.



- CASE 3383: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Eddy, Chaves, and Lea Counties, New Mexico:
  - a) CREATE A new gas pool for Morrow production designated as the North Cedar Lake-Morrow Gas Pool. The discovery well is Sinclair Oil & Gas Company, Fren Oil Company No. 21, located in Unit N of Section 19, Township 17 South, Range 31 East, NMPM. Said pool described as:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM SECTION 19: S/2 being SE/4, E/2 SW/4 and Lots 3 and 4

b) CREATE A new gas pool for Morrow production designated as the North Indian Hills-Morrow Gas Pool. The discovery well is David Fasken, Ross Federal No. 1, located in Unit S of Section 4, Township 21 South, Range 24 East, NMPM. Said pool described as:

## TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 4: All

c) CREATE A new oil pool for Bone Spring production designated as the Palmillo-Bone Spring Pool. The discovery well is Redfern Development Corporation, Marathon State No. 1, located in Unit M of Section 36, Township 18 South, Range 28 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 36: SW/4 SW/4

d) EXTEND the Buckeye-Abo Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 2: NW/4

ADDITION----SECTION 3: NE/4

e) EXTEND the Fowler-Blinebry Pool to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

f) EXTEND the Menshaw-Wolfcamp Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM SECTION 25: NW/4

g) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 23 EAST, NMPM SECTION 13: - All SECTION 14: All SECTION 15: All

h) EXTEND the Justis-Tubb Drinkard Pool to include therein:

# TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

# ADDITION-----TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 26: SW/4

- i) EXTEND the Leslie Spring-San Andres Pool to include therein:

  TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

  SECTION 27: S/2 N/2 and NW/4 SW/4
- j) EXTEND the Linda-San Andres Pool to include therein:

  TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM
  SECTION 5: E/2 NE/4
- k) EXTEND the Lusk-Seven Rivers Pool to include therein:

  TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
  SECTION 3: NW/4
- 1) EXTEND the Mesa-Queen Pool to include therein:

  TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM
  SECTION 7: SW/4
- m) EXTEND the Monument-Tubb Pool to include therein:

  TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

  SECTION 9: NE/4
- TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
  SECTION 25: NW/4
  SECTION 36: SE/4
- TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 4: E/2
- p) EXTEND the East Weir-Tubb Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: S/2 SW/4

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TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

i) EXTEND the Lealie Spring-San Andres Pool to include therein:

SECTION 23: NW/4
TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

i) EXTEND the Leslie Spring-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM SECTION 27: S/2 N/2 and NW/4 SW/4

j) EXTEND the Linda-San Andres Pool to include therein:

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM SECTION 5: E/2 NE/4

k) EXTEND the Lusk-Seven Rivers Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM SECTION 3: NW/4

1) EXTEND the Mesa-Queen Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM SECTION 7: SW/4

m) EXTEND the Monument-Tubb Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 9: NE/4

n) EXTEND the Vacuum-Upper Pennsylvanian Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM SECTION 25: NW/4 SECTION 36: SE/4

o) EXTEND the Wantz-Abo Pool to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM SECTION 4: E/2

p) EXTEND the East Weir-Tubb Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM SECTION 12: S/2 SW/4

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ALLOWABLE:

Act of Maria

(1) Consideration of the oil allowable for April, 1966;

(2) Consideration of the allowable production of gas for April, 1966, 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 April, 1966.

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CHOC 3383: SOUTHEASTERN NEW MEXICO nomenolature case calling for an order

the North Cedar Lake-Morrow Gas Pool. The discovery well is Sinclair Oil & Gas Company, Fren Oil Company No. 21, located in Unit N of Section 19, Township 17 South, Range 31 East, NMPM. Said pool described as:

# TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM SECTION 19: S/2 being SE/4, E/2 SW/4 and Lots 3 and 4

b) CREATE A new gas pool for Morrow production designated as the North Indian Hills-Morrow Gas Pool. The discovery well is David Fasken, Ross Federal No. 1, located in Unit S of Section 4, Township 21 South, Range 24 East, NMPM. Said pool described

## TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM SECTION 4: All

c) CREATÉ A new oil pool for Bone Spring production designated as the Palmillo-Bone Spring Pool. The discovery well is Redfern Development Corporation, Marathon State No. 1, located in Unit M of Section 36, Township 18 South, Range 28 East, NMPM. Said pool described as:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM SECTION 36: SW/4 SW/4

d) EXTEND the Buckeye-Abo Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM SECTION 2: NW/4

e) EXTEND the Fowler-Blinebry Pool to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM SECTION 23: NW/4

a) CREATE A new gas pool for Morrow production designated as the Worth Cedar Lake-Morrow Gas Pool. The discovery well is Sinclair Oil & Gas Company, Fren Oil Company No. 21, located in Sinclair Oil & Gas Company, Fren Oil Company No. 21, Located in Sinclair Oil & Gas Company, Fren Oil Company No. 21, Lake in Sinclair Oil & Gas Company, Fren Oil Company No. 21, Lake in North Company No. 21, Lak

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

383: 3383:

Mistrict It platts to be mailed separately.

NEW POOLS

a) It is recommended that a new $gas$ pool be created and designated as	th
NORTH CEDAR LAKE-MORROW GAS Pool.	
Vertical limits to be the Morrow formation and the horizont	ta
limits should be as follows: As shown in Paragraph (a), Exhibit I	
Discovery well was Sinclair Oil & Gas Company - Fren Oil Company #21	
located in Unit N Section 19 Township 17 Range 31 and was completed on	
June 17, 1965 特部特别各种特别的特殊的特别的特别的特别的特别的特别的特别的	
perforations is at 11,142 feet.	
b) It is recommended that a new gas pool be created and designated as to NORTH INDIAN HILLS-MORROW GAS Pool.	:h
Vertical limits to be the <u>Morrow</u> formation and the horizont	a
limits should be as follows: As shown in Paragraph (b), Exhibit I	
Discovery well was David Fasken - Ross Federal #1	
located in Unit S Section 4 Township 21 Range 24 and was completed on	
May 21, 1965 操作制制作物物排資的排資的排資的排資。	:
perforations is at 9590 feet.	
c) It is recommended that a new oil pool be created and designated as the	
PALMILLO-BONE SPRING Pool.	
Vertical limits to be the <u>Bone Spring</u> formation and the horizontal	
limits should be as follows: As shown in Paragraph (e), Exhibit I	
Discovery well was Redfern Development Corporation - Marathon State #1	
located in Unit M Section 36 Township 18 Range 28 and was completed on	
November 22, 1965	f
perforations is at 6422 feet.	

CASE 3383: (d) EXTENSION OF AN EXISTING OIL POOL

POOL BUCKEYE-ABO COUNTY J.EA TOWNSHIP 18 South RANGE NMPM 6 **-** 5 ---- 8 -10 -- 11 --12 --17 --16 14 - 18 - 15 -20 -19 21 22-23-24 - 25 --30 -29 -- 28 --27-- 26 --- 33 --35 31-32 - 34 -36

PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & GAS COMPANY - Lea 946 State #1 in Unit E of Section 2-18-35.

Completed in Bone Springs on December 18, 1965. Top of Perforations 8887'.

ADDITION-SINCLAIR OIL & GAS COMPANY - Lea 946 State #2 in Unit H of Section 3-18-35. Completed in Abo on February 14, 1966. Top of Perforations 8876'.

Pool boundary colored in red.

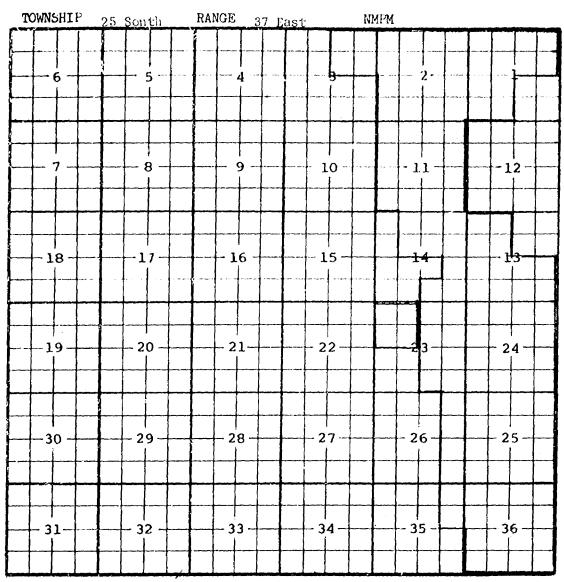
Proposed pool extensions colored in green. SECTION 2: NW/4

ADDITION----SECTION 3: NE/4

LEA POOL FOWLER-BLINEBRY RANGE 37 East TOWNSHIP NMPM --1 -2. - 8 -10 ---11 -12 -14 18 - 20 --19 242 24-27 -- 29 -- 28 -- 26 -25 --30 -32 - 34 35 -36 · 31-- 33 -PURPOSE: One completed oil well capable of producing. GULF OIL CORPORATION - Lillie #2 in Unit D of Section 23-24-37. Completed in Blinebry on January 15, 1966. Top of Perforations 5386'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 23: NW/4

CASE 3383: (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL JUSTIS-TUBB DRINKARD



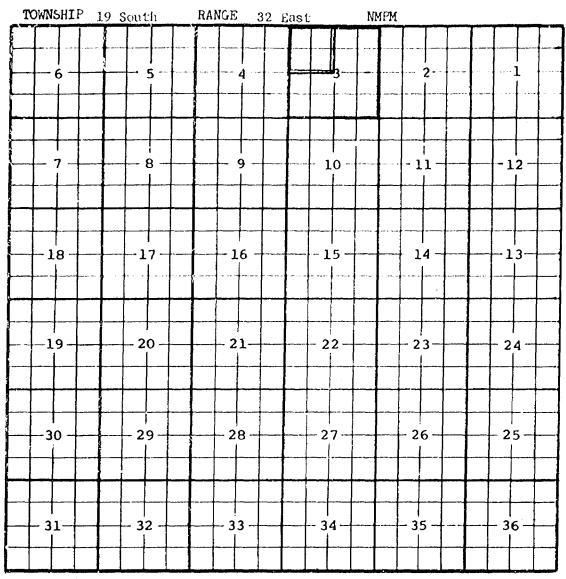
PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & CAS COMPANY - Wimberly WN #10 in Unit F of Section 23-2537. Completed in Tubb on October 1, 1965. Top of Perforations 5814'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 23: NW/4

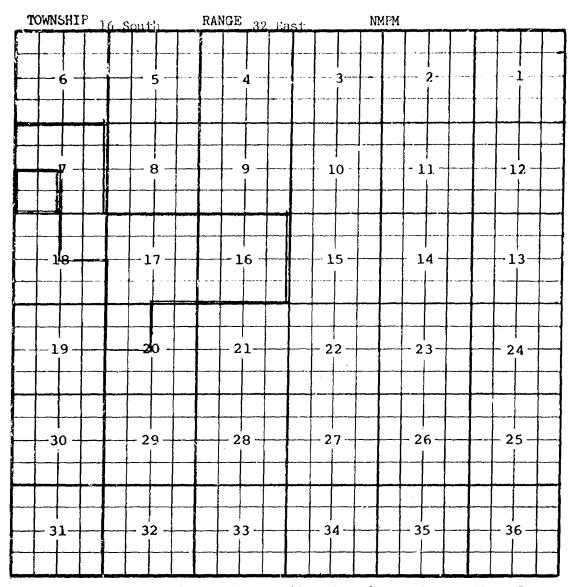
COUNTY LEA POOL LUSK-SEVEN RIVERS



PURPOSE: Two completed oil wells capable of producing.
CACTUS DRILLING COMPANY - Shell Federal #2 in Unit F of Section 3-19-32.
Completed in Seven Rivers on January 14, 1966. Top of Perforations 3840!
CACTUS DRILLING COMPANY - Shell Federal #3 in Unit D of Section 3-19-32.
Completed in Seven Rivers on January 29, 1966. Top of Perforations 3866'
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 3: NW/4

COUNTY LEA

POOL MESA-QUEEN



PURPOSE: One completed gas well capable of producing in an oil pool.
ROBERT A. DEAN - Pan American 7 State #1 in Unit K of Section 7-16-32.
Completed in Queen on July 8, 1965. Top of Perforations 3336'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 7: SW/4

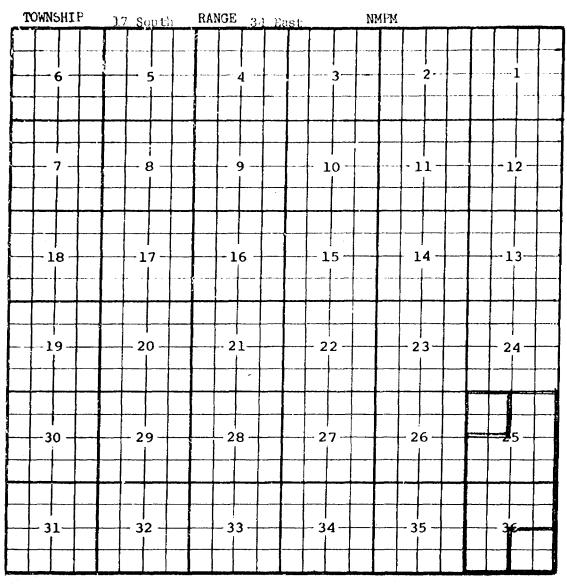
COUNTY LEA POOL MONUMENT-TUBB

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

towood, one completed oil well capable of producing.
MALLARD PETROLEUM, INC Laughlin #1 in Unit H of Section 9-20-37. Com
pleted in Tubb on January 6, 1966. Top of Perforations 6356'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 9: NE/4

COUNTY

POOL VACHIM HPPER PENNSYLVANIAN



PURPOSE: Two completed oil wells capable of producing.

SOCONY MOBIL OIL COMPANY, INC. - State Bridges #108 in Unit F of Section.

25-17-34. Completed in Upper Pennsylvanian on January 7, 1966. Top of Perforations 10,034.

TEXACO, INC. - State of New Mexico "O" NGT-1 #25 in Unit J of Section 36-17-34. Completed in Pennsylvanian on January 10, 1966. Top of Perforations 10,088.

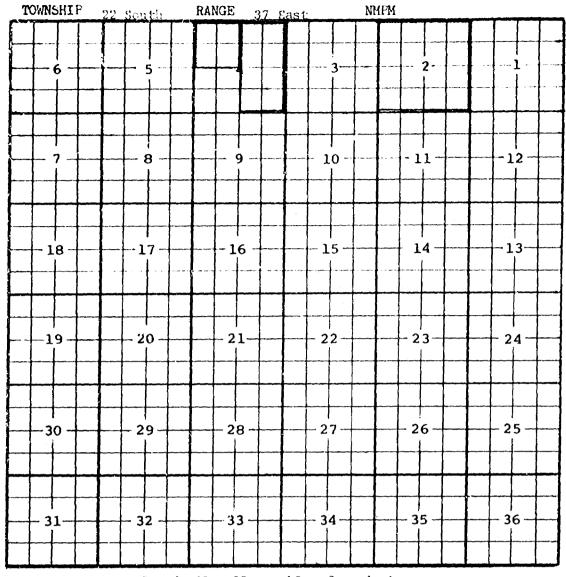
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: NW/4

SECTION 36: SE/4

COUNTY TO

POOL WANTZ-ARC



PURPOSE: One completed oil well capable of producing.

TIDEWATER OIL COMPANY - R. L. Brunson #2 in Unit P of Section 4-22-37.

Completed in Abo on January 24, 1966. Top of Perforations 6722'.

Pool boundary colored in red.

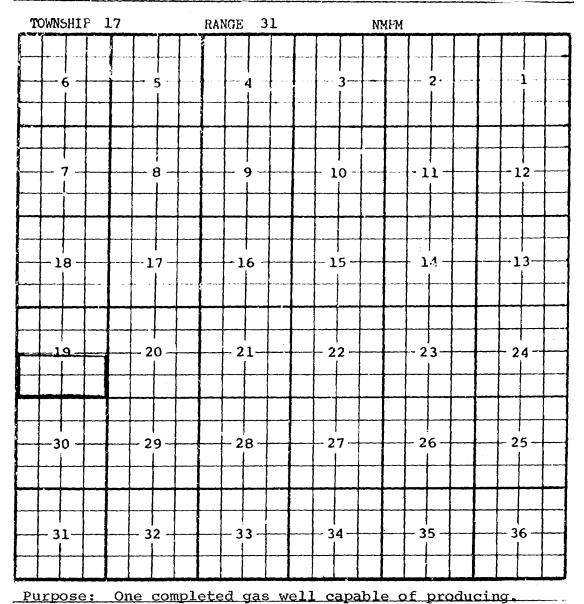
Proposed pool extension colored in green. SECTION 4: E/2

POOL EAST WEIR-TUBB TOWNSHIP 20 South NMPM RANGE 5 -6 ~ **4** ·· - 11 -8 -- 9 -10 --12 18 -16 - 15 -14 -20 -- 21-22 -19 - 23-24-- 26 -- 27 -25--30 - 29 28 --- 33 --- 34 -- 35 -- 36 31-- 32 -PURPOSE: One completed oil well capable of producing.

TEXACO, INC. - M. B. Weir "B" #7 in Unit M of Section 12-20-37. Completed in Tubb on November 1, 1965. Top of Perforations 6426'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 12: S/2 SW/4



Discovery well: Sinclair Oil & Gas Co., Fren Oil Co. well

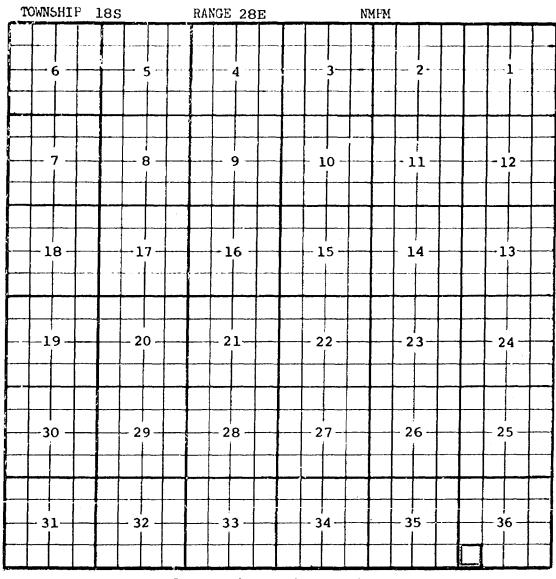
No. 21 in Unit N of Section 19-17-31. Completed in

Morrow June 17, 1965, through perforations 11142 to 11218.

Proposed pool boundary colored in green. Section 19: S/2

being the SE/4, E/2 SW/4

and lots 3 and 4



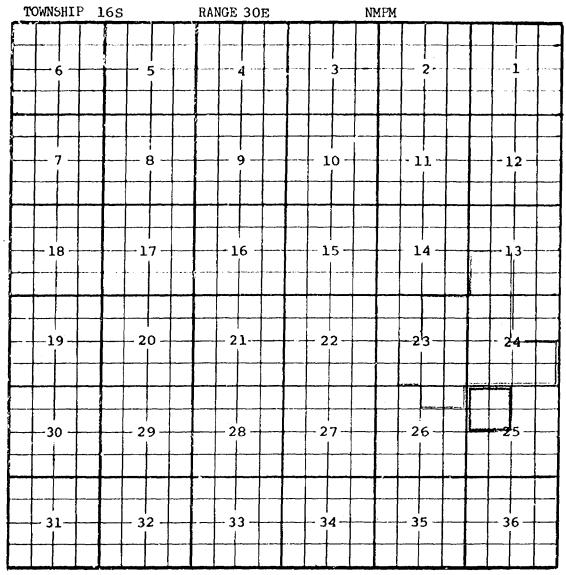
Purpose: One completed oil well capable of producing.

Discovery well: Redfern Development Corp., Marathon
St. well No. 1 Unit M of Section 36-18-28. Completed
in Bone Spring November 22, 1965, through perforations
6422 to 6428.

Proposed pool boundary colored in green. Section 36: SW/4 SW/4

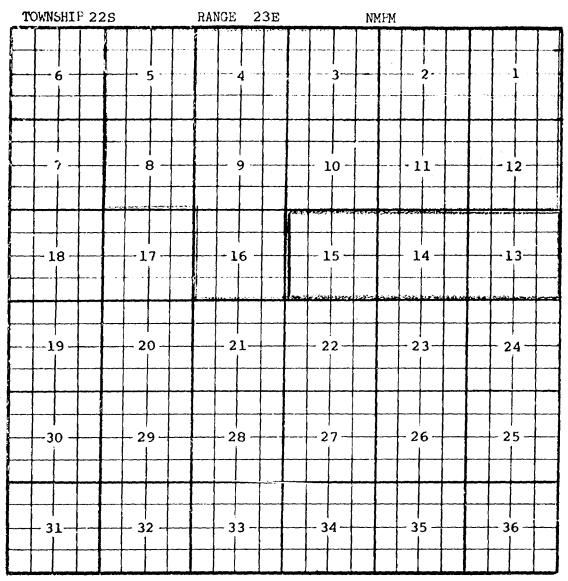
CASE 3388: (d) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL BUCKEYE-ABO TOWNSHIP 18 South RANGE NMPM 35 East 8 -9 -10 -- 11 -- 18 --17 -16 - 15 14 -13--- 19 -- 20 -- 21-- 22 -- 23-24~ - 27 -26-25--30 -- 29 28 32 - 34 -- 35 36 -- 31-- 33 -PURPOSE: One completed oil well capable of producing. SINCLAIR OIL & GAS COMPANY - Lea 946 State #1 in Unit E of Section 2-18-35. Completed in Bone Springs on December 18, 1965. Top of Perforations 8887'. ADDITION -- SINCLAIR OIL & GAS COMPANY - Lea 946 State #2 in Unit H of Section 3-18-35. Completed in Abo on February 14, 1966. Top of Perforations 8876'. Pool boundary colored in red. SECTION 2: NW/4 Proposed pool extensions colored in green. ADDITION----SECTION 3: NE/4



Purpose: One completed oil well capable of producing.

Shell Oil Co., Henshaw Deep Unit well no. 15 in Unit E
of Section 25-16-30. Completed in Wolfcamp January
22, 1966, through perforations 8802 to 8830.
Pool boundary colored in red.
Proposed extension colored in green. Section 25: NW/4



Purpose: As stated on page one of this exhibit. Pan American
Pet. Corp., HOC Fed. Gas Com well No. 1 in Unit F of Section
13-22-23. Completed in Upper Penn. December 30, 1965, through
perforations 7702 to 7798.

Gulf Oil Corp., Helbing Fed. Gas Com well No. 1 in

Unit F of Section 15-22-23. Completed in Upper Penn.

January 10, 1966, through perforations 7224 to 7463.

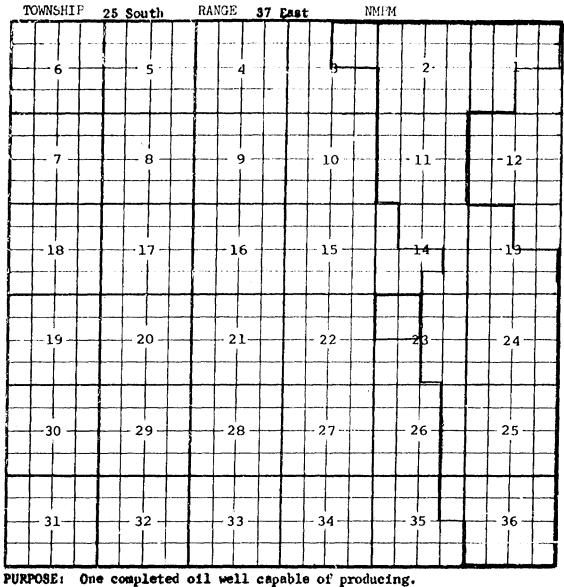
Pool boundary colored in red.	
Proposed extensions colored in green.	Section 13: All
	Section 14: All
	Section 15: All

CASE 3883: (h) EXTENSION OF AN EXISTING DIL FOUR POOL JUSTIS-TUBB DRINKARD LEA TOWNSHIP 24 South RANGE 37 East NMPM 10 - 11 -12 - 18 -- 16 ---17 - 15 ~ 14 --13-20 --19 21-22. 23 -30 29-- 28 -27 25-- 31-- 33 --- 35 -- 32 --- 34 --- 36 --PURPOSE: As stated on preceding page, paragraph (h), Exhibit I. ADDITION -- TEXACO, INC. - C. C. Fristoe "b" NCT-1 #2 in Unit M of Section 26-24-87. Completed in Drinkard on February 15, 1966. Top of Perforations 5975'. Youl boundary colored in red. Proposed pool extension colored in green. SECTION 26: SW/4

Medition

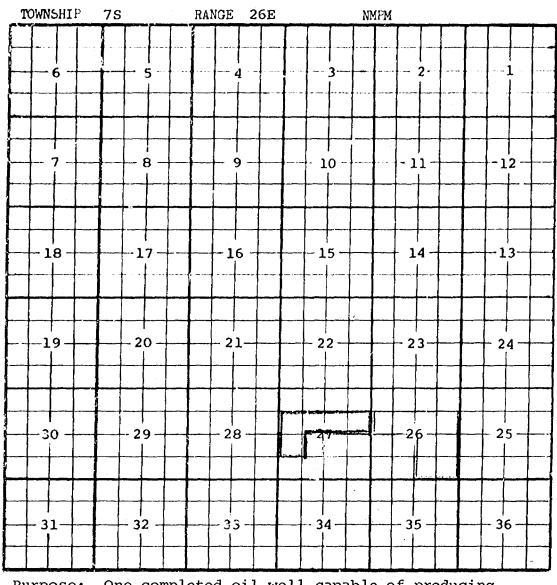
COUNTY LEA

POOL JUSTIS-TUBB DRINKARD



SINCLAIR OIL & GAS COMPANY - Wimberly WN #10 in Unit F of Section 23-25-37. Completed in Tubb on October 1, 1965. Top of Perforations 5814'. Pool boundary colored in red.

Proposed	pool	extensio	n colored	in gr	een.	SECTION	23:	NW/4	 
	,		···········						
			·						
			**************************************						
					_				



Purpose: One completed oil well capable of producing.

Dr. Sam G. Dunn, Dale A Fed. well no. 1 in
unit L of Section 27-7-26. Completed in San Andres
October 3, 1965, through perforations 1272 to 1282.

Pool boundary colored in red. Proposed extensions colored in green. Section 27: S/2 N/2 & NW/4 SW/4

Purpose: Three completed oil wells capable of producing. Dr. Sam G. Dunn, Pendergrass No. 3 in Unit A of Section 5-7-26 completed in San Andres September 23, 1965, through perforations 984 to

Dr. Sam G. Dunn, Sturgeon A No. 1 in Unit H of Section 5-7-26, completed in San Andres August 25, 1965, through perforations 999

ADDITION: Dr. Sam G. Dunn, Tonkin No. 1 in Unit B of Section 8-7-26. Completed in San Andres December 1, 1965, through perforations to 1002. 969 to 1006.

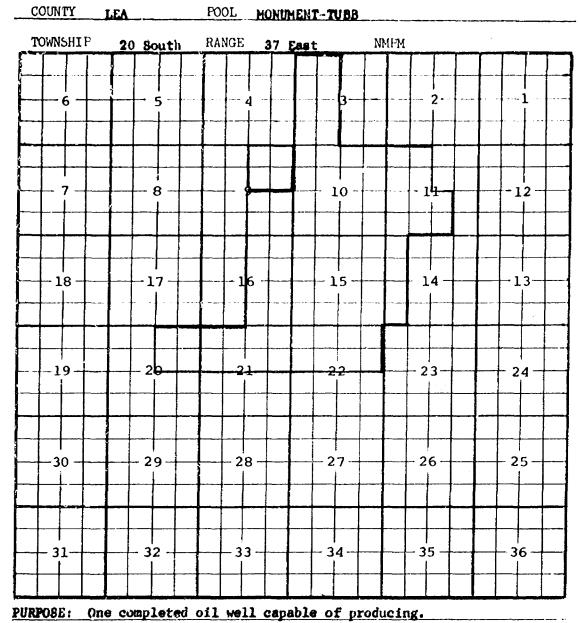
Proposed extensions colored in green. Section 5: E/2 NE/4. Pool boundary colored in red.

CASE 3388: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY POOL LUSK-SEVEN RIVERS TOWNSHIP 19 South RANGE 32 East 10 -- 11 -12 -18 -17 -- 16 -- 15 14 --13-22 --19 - 20 --- 21-23 24-- 28 25 -30 29 27 26 -- 31-- 33 -- 35 -- 32 -- 34 --36~ PURPOSE: Two completed oil wells capable of producing. GACTUS DRILLING COMPANY - Shell Federal #2 in Unit F of Section 8-19-82. Completed in Seven Rivers on January 14, 1966. Top of Perforations 3840'. CACTUS DRILLING COMPANY - Shell Federal #3 in Unit D of Section 3-19-32. Completed in Seven Rivers on January 29, 1966. Top of Perforations 38661. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 3: NW/4

CASE 3383: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MESA-QUEEN TOWNSHIP 16 South RANGE 32 Fast NMPM 4 -6 -- 5 ---12 9 -10 -- 11 -8 -14 --13--17--16 - 15 --19-21-- 22 -23-24-- 28 -27-26 -25 -30 29-- 35 -- 31-- 32 -- 33 --- 34 --- 36 ---PURPOSE: One completed gas well capable of producing in an oil pool. ROBERT A. DEAN - Pan American 7 State #1 in Unit K of Section 7-16-32. Completed in Queen on July 8, 1965. Top of Perforations 3336'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 7: SW/4



MALLARD PETHOLEUM, INC Laughtin #1 in Unit H or Section 9-20-37, Com
pleted in Tubb on January 6, 1966. Top of Perforations 6356'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 9: NE/4

CASE 3383: (n) EXTENSION OF AN EXISTING OIL POOL COUNTY POOL VACUUM-UPPER PENNSYLVANIAN RANGE 34 East TOWNSHIP 17 South 8 10 - 11 -12 - 15 -14 --17 -- 16 -13-- 18 20 21--19 22 23-24~ 29 28 27 26--30 - 35 -32 -- 33 -- 31-34-PURPOSE: Two completed oil wells capable of producing. SOCONY MOBIL OIL COMPANY, INC. - State Bridges #108 in Unit F of Section 25-17-34. Completed in Upper Pennsylvanian on January 7, 1966. Top of TEXACO, INC. - State of New Mexico "O" NCT-1 #25 in Unit J of Section 36-

Perforations 10,0341.

17-34. Completed in Pennsylvanian on January 10, 1966. Top of Perforations 10,0881.

Pool boundary colored in red. Proposed pool extensions colored in green. SECTION 25: NW/4 SECTION 36: SE/4

CASE 3383: (o) EXTENSION OF AN EXISTING OIL POUL

COUNTY LEA POOL WANTZ-ABO TOWNSHIP 22 South NMPM RANGE 37 East 6 8 -10 ---- 11 -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. TIDEWATER OIL COMPANY - R. L. Brunson #2 in Unit P of Section 4-22-37. Completed in Abo on January 24, 1966. Top of Perforations 6722'. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 4: E/2

CASE 3383: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY POOL EAST WEIR-TUBB TOWNSHIP 20 South RANGE NMPM 6 5 8 10 -11. -16 18 15 14 20 -21~ -19 22-23-24--30 29-- 28 -- 27 -26-25 - 31 32. - 33 -34 - 35 36 PURPOSE: One completed oil well capable of producing. TEXACO, INC. - M. B. Weir "B" #7 in Unit M of Section 12-20-37. Completed in Tubb on November 1, 1965. Top of Perforations 64261. Pool boundary colored in red. Proposed pool extension colored in green. SECTION 12: S/2 SW/4