

CASE 3146:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

CASE No.
3746

Application,
TRANSCRIPTS,
SMALL Exhibits
ETC.

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 3146
ORDER NO. R-2804

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 o'clock a. m. on November 18, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20th day of November, 1964, 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 subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of West Bagley-Pennsylvanian Pool. Said West Bagley-Pennsylvanian Pool was discovered by Sunray DX Oil Company, New Mexico State "AS" No. 1, located in Unit G of Section 29, Township 11 South, Range 33 East, NMEP. It was completed in Strawn on August 4, 1964. The top of perforations is 10,007 feet.

(3) That there is need for certain extensions to the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, New Mexico, the Lovington-Paddock Pool and the Lusk-Strawn Pool, both 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 Strawn production, is hereby created and designated as the West Bagley-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 11 SOUTH, RANGE 33 EAST NMEP
SECTION 29: NE/4

- 2 -

CASE NO. 3146
ORDER NO. R-2804

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

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 5: SW/4
SECTION 6: NE/4
SECTION 32: SW/4

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

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 29: W/2
SECTION 30: SE/4
SECTION 31: NW/4

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

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 20: SW/4, S/2 NW/4, and N/2 NE/4
SECTION 29: SE/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be December 1, 1964.

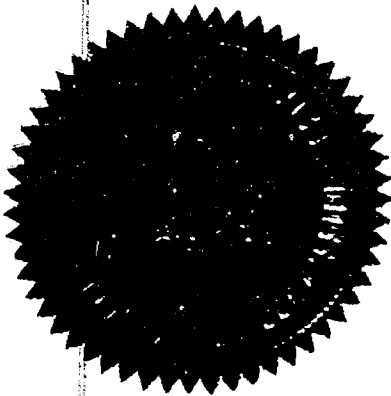
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL Chairman

E. S. Walker
E. S. WALKER, Member

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



CASE 3146: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Roosevelt, and Chaves Counties, New Mexico.

a) CREATE A new oil pool for Pennsylvanian production, designated as the West Bagley-Pennsylvanian Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 29: NE/4

b) EXTEND the Livingston-Paddock Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: NE/4

c) EXTEND the Lusk-Strawn Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 6: NE/4

ADDITIONS-----SECTION 5: SW/4
SECTION 32: SW/4

d) EXTEND the Milnesand-San Andres Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4

ADDITION-----TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 29: W/2
SECTION 30: SE/4
SECTION 31: NW/4

e) EXTEND the Tobac-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 20: SW/4
SECTION 29: SE/4

ADDITIONS-----SECTION 20: S/2 NW/4 and N/2 NE/4

DOCKET: REGULAR HEARING - WEDNESDAY - NOVEMBER 18, 1964

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

- ALLOWABLE: (1) Consideration of the oil allowable for December, 1964.
- (2) Consideration of the allowable production of gas for December, 1964, for ten prorated pools in Lea and Eddy Counties, New Mexico, and also presentation of purchaser's nominations for the six-month period beginning January 1, 1965 for that area. Consideration of the allowable production of gas for nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for December, 1964.

CASE 3146: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea, Roosevelt, and Chaves Counties, New Mexico.

- a) CREATE A new oil pool for Pennsylvanian production, designated as the West Bagley-Pennsylvanian Pool, and described as:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 29: NE/4

- b) EXTEND the Lovington-Paddock Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM
SECTION 33: NE/4

- c) EXTEND the Lusk-Strawn Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 6: NE/4

- d) EXTEND the Milnesand-San Andres Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4

- e) EXTEND the Tobac-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 20: SW/4
SECTION 29: SE/4

dearnley-meier reporting service, inc.

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

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PAGE 1

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

November 18, 1964

REGULAR HEARING

IN THE MATTER OF:

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

Case No. 3146

BEFORE:

Honorable Jack M. Campbell, Governor
E. S. "Johnny" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

MAIN OFFICE 001

'64 Nov 26 PM 3

TRANSCRIPT OF HEARING

MR. PORTER: Case 3146

(Witness sworn.)

DANIEL S. NUTTER

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

DIRECT EXAMINATION

BY MR. DURRETT:

dearnley-meier

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

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Q Be seated please. Will you state your name and position for the record?

A Daniel S. Nutter, Chief Engineer for the Oil Conservation Commission.

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

A Yes, I have.

Q And are you prepared to make recommendations in the form of an exhibit?

A Yes sir.

Q How is that identified?

A This is identified as Exhibit A in Case 3146.

Q Is that Exhibit A similar to the docket that's been prepared here today?

A In most respects, it is.

Q Would you please refer to your exhibit and point out any substantial changes?

A Yes. On the creation of the West Bagley pool I'd like to state that this pool was discovered by SunRay, "SS", well number 1 is located in Section 29, Township 11 South, Range 33 East and was completed in the West Bagley August 4, 1964 with perforations at 10,007 feet. As to the extensions of various pools, they are all as shown on the docket with the

dearnley-meier reporting services

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following additions. In Paragraph C, the Lusk-Strawn Pool should be as shown plus the Southwest quarter of Section 35 and the Southwest quarter of Section 32 in Township 19 South, Range 32 East. In paragraph D, the Milnesand-San Andres Pool should be as shown plus the following addition: Township 8 South, Range 34 East, Southeast quarter 30, Northwest quarter Section 31. In Paragraph E as shown on the docket plus the following addition: the south half of the Northwest quarter and the north half of the northeast quarter in Section 20, Township 8 South, Range 33 East.

Q Was Exhibit A prepared by you or under your supervision, Mr. Nutter?

A Yes.

MR. DURRETT: I move the introduction of Exhibit A and that concludes my examination of Mr. Nutter.

MR. PORTER: Without objection the exhibit will be admitted.

(Whereupon, Commission's Exhibit A was admitted into evidence.)

MR. PORTER: Does anyone have a question of Mr. Nutter? You may be excused. Anything further to be offered in this case?

The Commission will take the case under advisement, the hearing is adjourned.

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STATE OF NEX MEXICO)
COUNTY OF BERNALILLO) ss.

I, JOHN ORFANIDES, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Sante Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

John Orfanides
COURT REPORTER



dearnley-meier

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I N D E X

<u>WITNESS</u>	<u>PAGE</u>
DANIEL S. NUTTER	
Direct Examination by Mr. Durrett	2

E X H I B I T

<u>NUMBER</u>	<u>MARKED FOR IDENTIFICATION</u>	<u>OFFERED</u>	<u>ADMITTED</u>
Exhibit A	2	3	3

Additions:

Paragraph (c) Lusk - Shown

T 19 S, R 32 E

SW/4 Sec 5

SW/4 Sec 32

Paragraph (d) Dittmar - San Antonio

T 8 S, R 35 E

W/4 Sec 7

SW/4 Sec 30

NW/4 Sec 31

Paragraph (e) Tobac - Pennsylvania

T 8 S, R 33 E

$\frac{1}{2}$ NW/4 + $\frac{1}{2}$ NE/4 Sec 20

NEW POOLS

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

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

Discovery well was Sunray DX Oil Company - New Mexico State "AS" #1 located in Unit C Section 29 Township 11 Range 33 and was completed on August 4, 1964 ~~with an initial potential of \$\$\$\$ BOPD/MCFGPD~~ Top of perforations is at 10,007 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 3146: (a) CREATION OF A NEW OIL POOL

COUNTY LEA POOL WEST BAGLEY-PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMFM

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

PURPOSE: One completed oil well capable of producing.

SUNRAY DX OIL COMPANY - New Mexico State "AS" #1 in Unit G of Section 29-11-33. Completed in Strawn on August 4, 1964. Top of Perforations 10,007'. Proposed pool boundary colored in red. SECTION 29: NE/4

CASE 3146: (b) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LOVINGTON-PADDOCK

TOWNSHIP 16 South RANGE 37 East NMFM

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

PURPOSE: One completed oil well capable of producing.

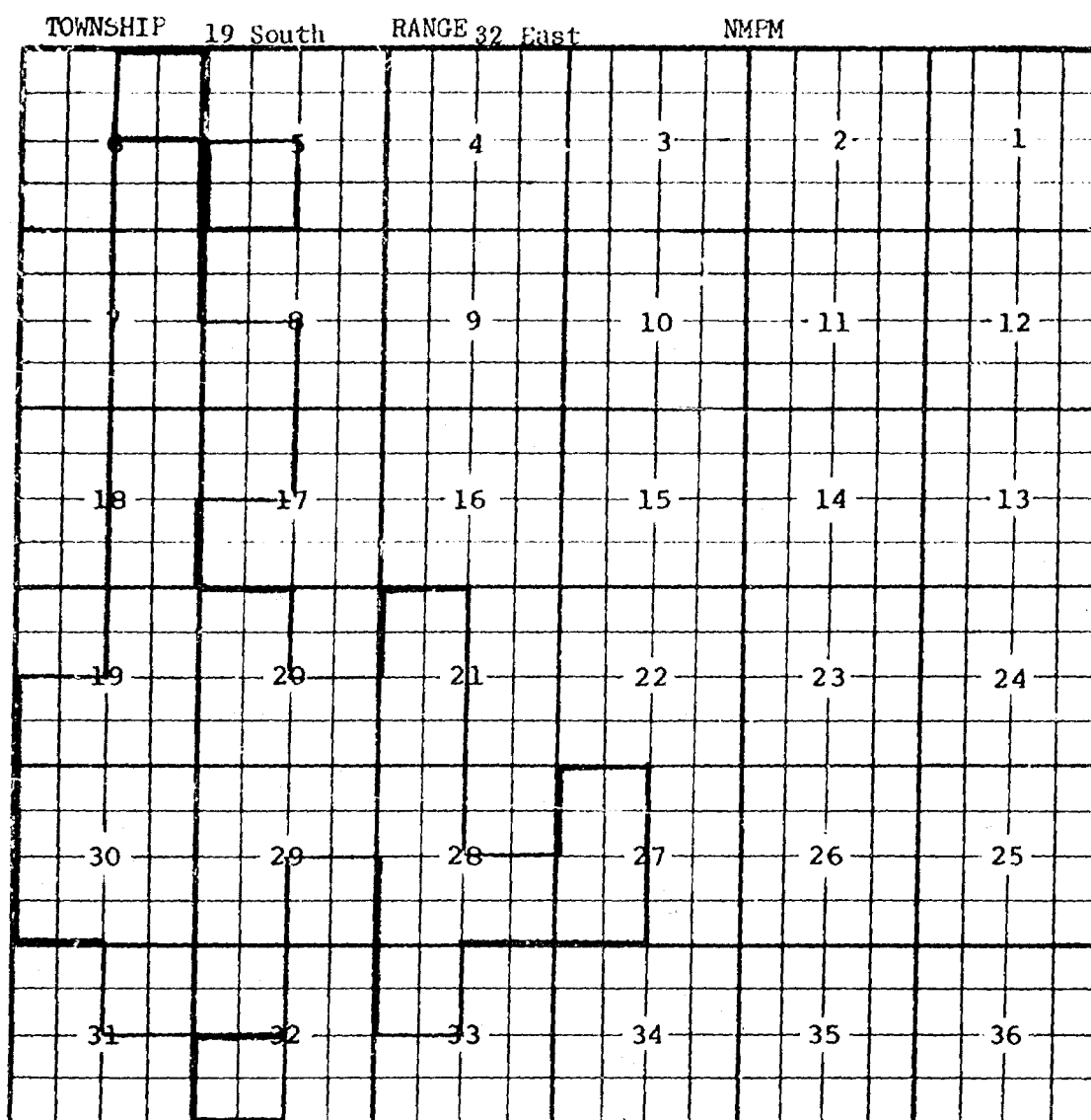
JOHN L. COX - Shipp #2 in Unit G of Section 33-16-37. Completed in Paddock on August 18, 1964. Top of Perforations 6202'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: NE/4

CASE 3146: (c) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL LUSK-STRAWN



PURPOSE: One completed oil well capable of producing.

TENNECO OIL COMPANY - USA Continental "A" Unit Federal #1 in Unit C of Section 6-19-32. Completed in Strawn on September 10, 1964. Top of Perforations 11,143'.

ADDITION--McFARLAND CORPORATION - Price Federal #2-5 in Unit M of Section 5-19-32. Completed in Strawn on October 16, 1964. Top of Perforations 11,295'.

ADDITION--TEXACO, INC. - State of New Mexico CR #3 in Unit L of Section 32-19-32. Completed in Strawn on September 21, 1964. Top of Perforations 11,400'.

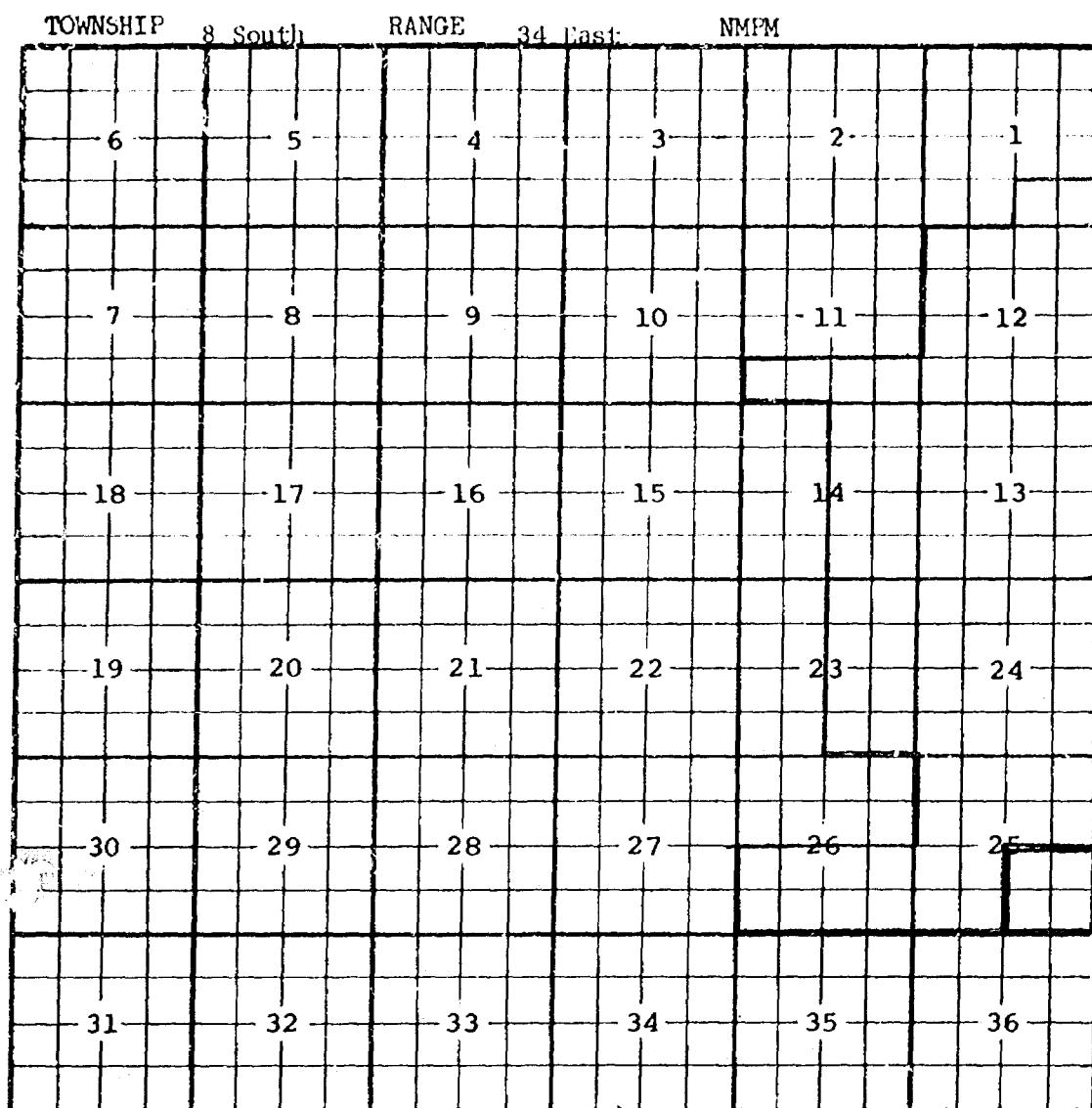
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 6: NE/4

ADDITIONS---SECTION 5: SW/4

SECTION 32: SW/4

COUNTY ROOSEVELT POOL MILNESAND-SAN ANDRES



PURPOSE: One completed oil well capable of producing.

SUNRAY OX OIL COMPANY - New Mexico Federal "F" #19 in Unit I of Section 25-8-34. Completed in San Andres on September 18, 1964. Top of Perforations 4665'.

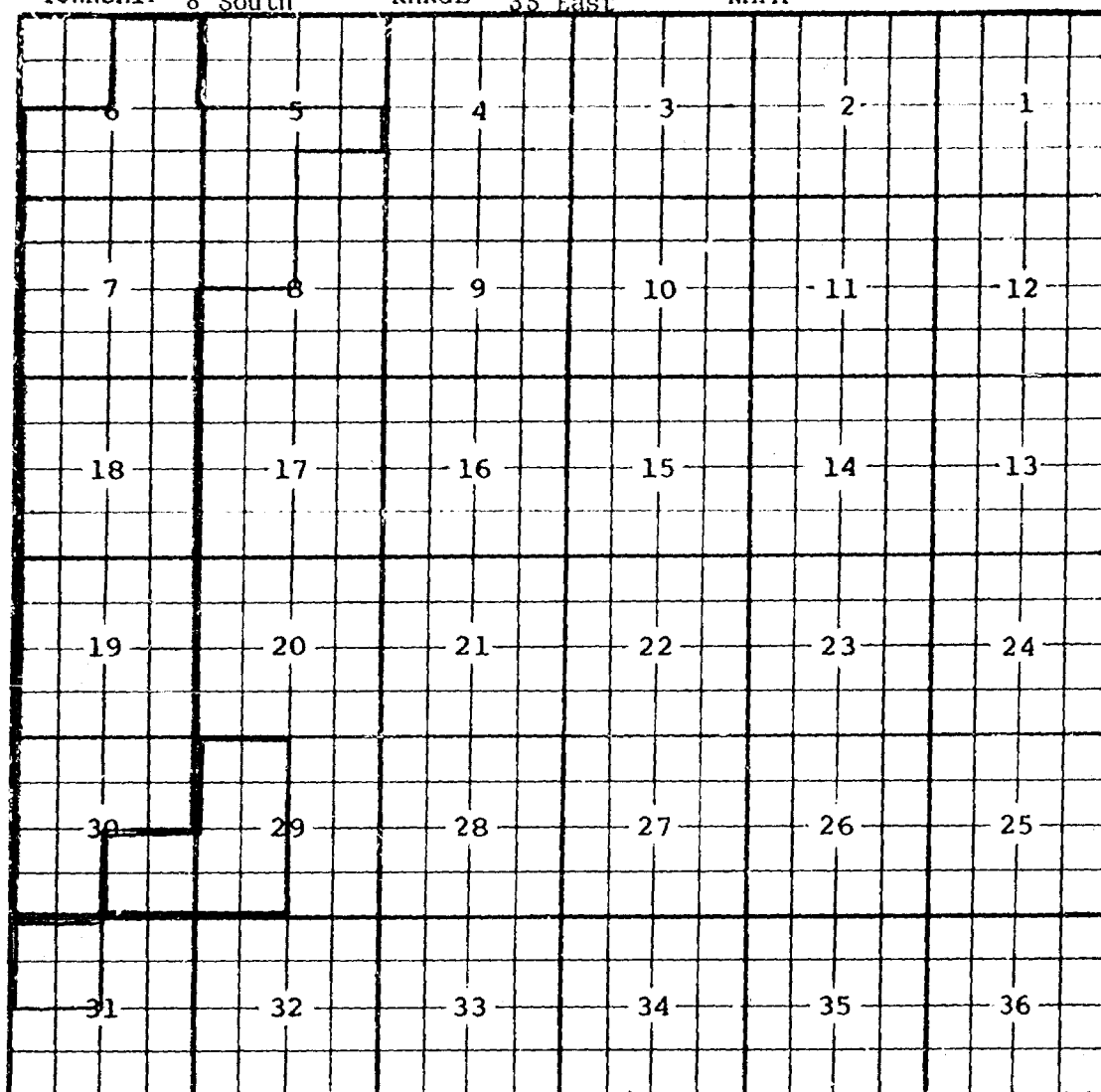
Pool boundary colored in red.

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

CASE 3146: (d) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY ROOSEVELT POOL MILNESAND-SAN ANDRES

TOWNSHIP 8 South RANGE 35 East NMPM



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

Pool boundary colored in red.

Proposed pool extensions colored in green. ADDITIONS--SECTION 29: W/2

SECTION 30: SE/4

SECTION 31: NW/4

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #18
in Unit E of Section 29-8-35. Completed in San Andres on Oc-
tober 1, 1964. Top of Perforations 4718'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #20
in Unit D of Section 29-8-35. Completed in San Andres on Octo-
ber 8, 1964. Top of Perforations 4661'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #21
in Unit L of Section 29-8-35. Completed in San Andres on Octo-
ber 22, 1964. Top of Perforations 4692'.

COUNTY ROOSEVELT

POOL MILNESAND-SAN ANDRES (Continued)

TOWNSHIP 8 South

RANGE 35 East MPM

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - Russell E. Horton #9 in Unit J of Section 30-8-35. Completed in San Andres on July 25, 1964. Top of Perforations 4724'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #13 in Unit O of Section 30-8-35. Completed in San Andres on September 28, 1964. Top of Perforations 4734'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #15 in Unit P of Section 30-8-35. Completed in San Andres on September 11, 1964. Top of Perforations 4691'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #17 in Unit I of Section 30-8-35. Completed in San Andres on September 21, 1964. Top of Perforations 4723'.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton Federal #19 in Unit C of Section 31-8-35. Completed in San Andres on October 13, 1964. Top of Perforations 4733'.

CASE 3146: (e) EXTENSION OF AN EXISTING OIL POOL
COUNTY CHAVES POOL TOBAC-PENNSYLVANIAN

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

PURPOSE: Two completed oil wells capable of producing.

HUMBLE OIL & REFINING COMPANY - New Mexico State BW #1 in Unit K of Section 20-8-33. Completed in Bough C (Pennsylvanian) on September 8, 1964. Top of Perforations 8990'.

CABOT CORPORATION - Signal State #3 in Unit J of Section 29-8-33. Completed in Pennsylvanian on September 14, 1964. Top of Perforations 9082'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico State BW #2 in Unit F of Section 20-8-33. Completed in Bough C on October 8, 1964. Top of Perforations 8982'.

ADDITION--SHELL OIL COMPANY - Levick State #3 in Unit A of Section 20-8-33. Completed in Pennsylvanian on October 19, 1964. Top of Perforations 8972'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 20: SW/4
SECTION 9: SE/4
ADDITIONS-----SECTION 20: S/2 NW/4 and N/2 NE/4