

CASE 3209:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

CASE NO.

3209

Application,

TRANSCRIPTS,

SMALL Exhibits

ETC.

dearnley-meier reporting service, inc.

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

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BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 17, 1965

REGULAR HEARING

IN THE MATTER OF:

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

Case No. 3209

BEFORE: Honorable Jack M. Campbell
 Mr. A. L. "Pete" Porter
 Mr. Guyton B. Hays

TRANSCRIPT OF HEARING

MR. PORTER: We will take up next the southeast nomenclature case.

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

(Witness sworn.)

JOE D. RAMEY

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

DIRECT EXAMINATION

BY MR. DURRETT:

Q Please state your name and position for the record.

A Joe D. Ramey, supervisor of the Commission's District I, Hobbs, New Mexico.

Q Mr. Ramey, are you prepared to make recommendations to the Commission this morning concerning the creation, contraction and extension of certain pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico?

A Yes, sir.

Q Have you prepared your recommendations in the form of an exhibit?

A Yes, I have.

(Whereupon, Southeast New Mexico nomenclature Exhibit No. 1 was marked for identification.)

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Q How is that marked?

A Southeast New Mexico nomenclature Exhibit No. 1.

Q Will you please refer to Exhibit No. 1 and to the docket that has been prepared and distributed here today in this hearing? Please point out in particular any differences between the two documents.

A The dockets are the same with the exception of paragraphs (o), (s), (w), (y) and (dd).

Q What are the corrections that need to be made on these paragraphs?

A In paragraph (o) we have an addition in Township 9 South, Range 33 East, Section 17, South Half of the Northwest Quarter.

In paragraph (s), in Township 24 South, Range 36 East, in Section 15, Northwest Quarter; in Section 16, South Half of the Northwest Quarter and the Northeast Quarter in Section 21, the Northeast Quarter in Township 26 South, Range 37 East; Section 31, Lot 3, and the Northeast Quarter of the Northwest Quarter.

In paragraph (w) in Township 19 South, Range 31 East, Section 15, South Half. In paragraph (y), Section 20 of Township 8 South, Range 35 East, the Southwest Quarter. In paragraph (dd) in Township 8 South, Range 33 East, Section 16, the West Half of the Southwest Quarter; Section 17, the

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Southwest Quarter; Section 20, the North Half of the Northwest Quarter; and Section 21, the North Half of the Northwest Quarter.

Otherwise the exhibits are the same as the docket.

Q So, otherwise, as you have just stated, your recommendations as reflected on the docket are the same as the docket?

A Yes, sir.

Q Is that marked, you say, Exhibit A?

A Exhibit 1.

Q Mr. Ramey, was Exhibit 1 prepared by you or under your supervision?

A Yes, sir.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit 1. That would conclude my examination of Mr. Ramey.

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

(Whereupon, Exhibit No. 1 was offered and admitted in evidence.)

MR. PORTER: Does anyone have a question of Mr. Ramey? The witness may be excused.

(Witness excused.)

MR. PORTER: Does anyone have anything further to

offer in the nomenclature case? The Commission will take the case under advisement.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

I, ADA DEARNLEY, 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 22nd day of February, 1965.


NOTARY PUBLIC

My Commission Expires:
June 19, 1967.

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I N D E X

<u>WITNESS</u>		<u>PAGE</u>
JOE D. RAMEY		
Direct Examination by Mr. Durrett		2
<u>EXHIBIT</u>	<u>MARKED</u>	<u>OFFERED AND ADMITTED</u>
Southeast New Mexico nomenclature No. 1	2	4

file
Case 3209
+
Case 3210
[Signature]

February 8, 1965

M. M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

Attention: Mr. Elvis Uts

Re: Case 3210

Dear Elvis:

Please note that Case 3209 paragraph (c) to be heard February 17, 1965, will be to consider the creation of the Dagger Draw - Upper Pennsylvanian Pool, NW/4 Sec. 31-T19S-R25E, Eddy County. This is for the same well for which the Monsanto Company is seeking a pool creation and special pool rules in Case 3210 to be heard February 24, 1965.

I thought I should call this to your attention in order to avoid the creation of two pools for one well.

Very truly yours,

OIL CONSERVATION COMMISSION

R. L. Stamets
Geologist

RLS/bh
cc: Mr. Jim Durrett
Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico

CASE 3209: (a) CREATION OF A NEW GAS POOL

COUNTY	LEA	POOL	BOUGHJINK-SAN ANDRES GAS												
TOWNSHIP	9 South	RANGE	35 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 gas wells capable of producing.

Discovery Well: LONE STAR PRODUCING COMPANY - State-King #1 in Unit N of Section 16-9-35. Completed in San Andres on November 18, 1952. Top of Perforations 4740'.

H. C. HOOD - Humble State #1 in Unit J of Section 16-9-35. Completed in San Andres on September 9, 1964. Top of Perforations 4787'.

Proposed pool boundary colored in red. SECTION 16: S/2

BEFORE THE
OIL CONSERVATION COMMISSION

San Antonio, New Mexico

Exhibit No.

Case No.

CASE 3209: (b) CREATION OF A NEW OIL POOL

COUNTY EDDY POOL BUNKER HILL - QUEEN

TOWNSHIP 16S RANGE 31E NMPM

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

Purpose: One completed oil well capable of producing.

Discovery Well: Charles B. Read - Boyle Farms No. 1 in Unit L of Section 13-16-31. Completed in Queen, November 18, 1964, through perforations 3605 to 3629.

Proposed pool boundary colored in green. Section 13: NW/4 SW/4

CASE 3209: (c) CREATION OF A NEW OIL POOL

COUNTY	EDDY	POOL	DAGGER DRAW - UPPER PENNSYLVANIAN		
TOWNSHIP	19S	RANGE	25E	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.

Discovery Well: Monsanto Company Mondo No. 1 in Unit C of Section 31-19-25. Completed in Upper Pennsylvanian November 17, 1964, through perforations 7759 to 7776.

Proposed Pool boundary colored in green. Section 31: NW/4

CASE 3209: (d) CREATION OF A NEW OIL POOL

COUNTY EDDY POOL EMPIRE - QUEEN

TOWNSHIP 12S RANGE 27E 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.

Discovery Well: J. A. Reddingfield State Co. 6 in Unit A of Section 36-17-27. Completed in Queen June 15, 1963, through perforations 1272 to 1327.

Proposed pool boundary colored in green. Section 26: 51/4 51/4

CASE 3209: (e) CREATION OF A NEW OIL POOL

COUNTY EDDY POOL PARRISH RANCH - UPPER PENNSYLVANIA

TOWNSHIP 1SS RANGE 24 E 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.

Discovery Well: The Atlantic Refining Company, Core Federal No. 1 Unit A of Section 24-19-24. Completed in Upper Pennsylvanian November 8, 1944, through perforations 7744 to 7816.

Proposed pool boundary colored in green. Section 24: 1/4

CASE 3209: (f) CREATION OF A NEW OIL POOL

COUNTY CHANGES

POOL

FOUR LAKES - SAN ANDREAS

TOWNSHIP

55

RANGE

23E

NMPPM

A 6x6 grid with numbers 1-36 and a 2x2 square in the top right. The numbers are arranged in a boustrophedon pattern: Row 1 (right to left): 1, 2, 3, 4, 5, 6; Row 2 (left to right): 7, 8, 9, 10, 11, 12; Row 3 (right to left): 13, 14, 15, 16, 17, 18; Row 4 (left to right): 19, 20, 21, 22, 23, 24; Row 5 (right to left): 25, 26, 27, 28, 29, 30; Row 6 (left to right): 31, 32, 33, 34, 35, 36. A 2x2 square is located in the top right corner, covering the cells containing numbers 1 and 2 in the first row, and 11 and 12 in the second row.

Purpose: One completed oil well capable of producing.

Discovery Well: Secony Mobil Oil Company C. L. O'Brien C. Well No. 2
in Unit D of Section 1-9-28. Completed in San Andreas December 10, 1964,
through perforations 2669 to 2642.

Proposed pool boundary colored in green. Section 1: NW/4, NE/4

CASE 3209: (g) CONTRACTION OF VERTICAL LIMITS OF AN EXISTING OIL POOL AND
REDESIGNATION OF POOL.

COUNTY LEA POOL MORTON-PERMO PENNSYLVANIAN - REDESIGNATED

TOWNSHIP 15 South RANGE 35 East MORTON-PENNSYLVANIAN
NMPM

6	5	4	3	2	1
	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

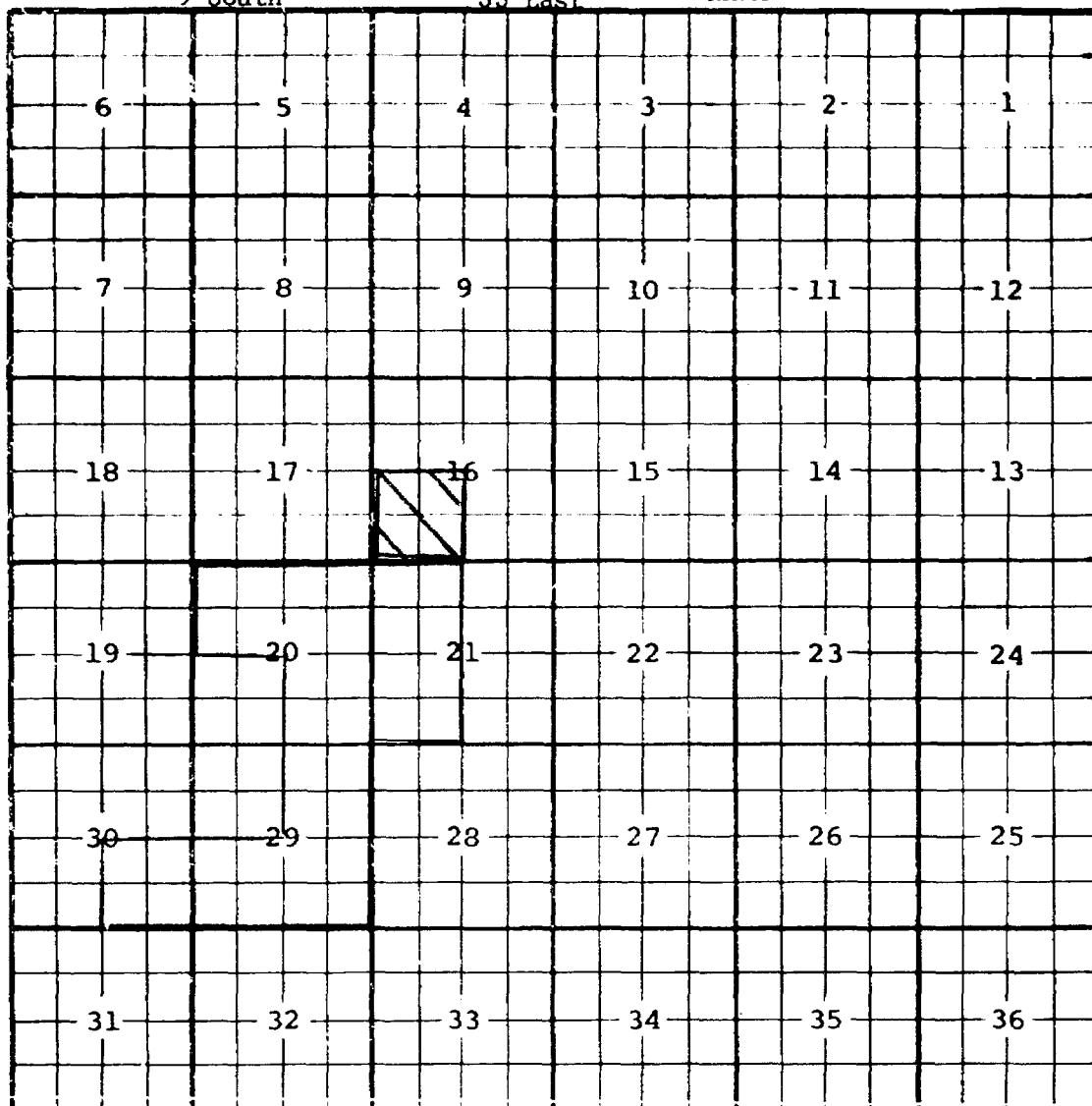
PURPOSE: To correct nomenclature by contracting vertical limits to in-
clude only the Pennsylvanian formation. The term Permo-
Pennsylvanian indicates Wolfcamp and Pennsylvanian formations
and the wells in this pool produce only from the Pennsylvanian
formation.

Pool boundary colored in red.

CASE 3209: (h) DELETION OF AN EXISTING OIL POOL

COUNTY LEA POOL JENKINS-SAN ANDRES

TOWNSHIP 9 South RANGE 35 East NMPM



PURPOSE: Delete area designated in order to create a new gas pool. The gas and oil areas are separated by a porosity barrier.

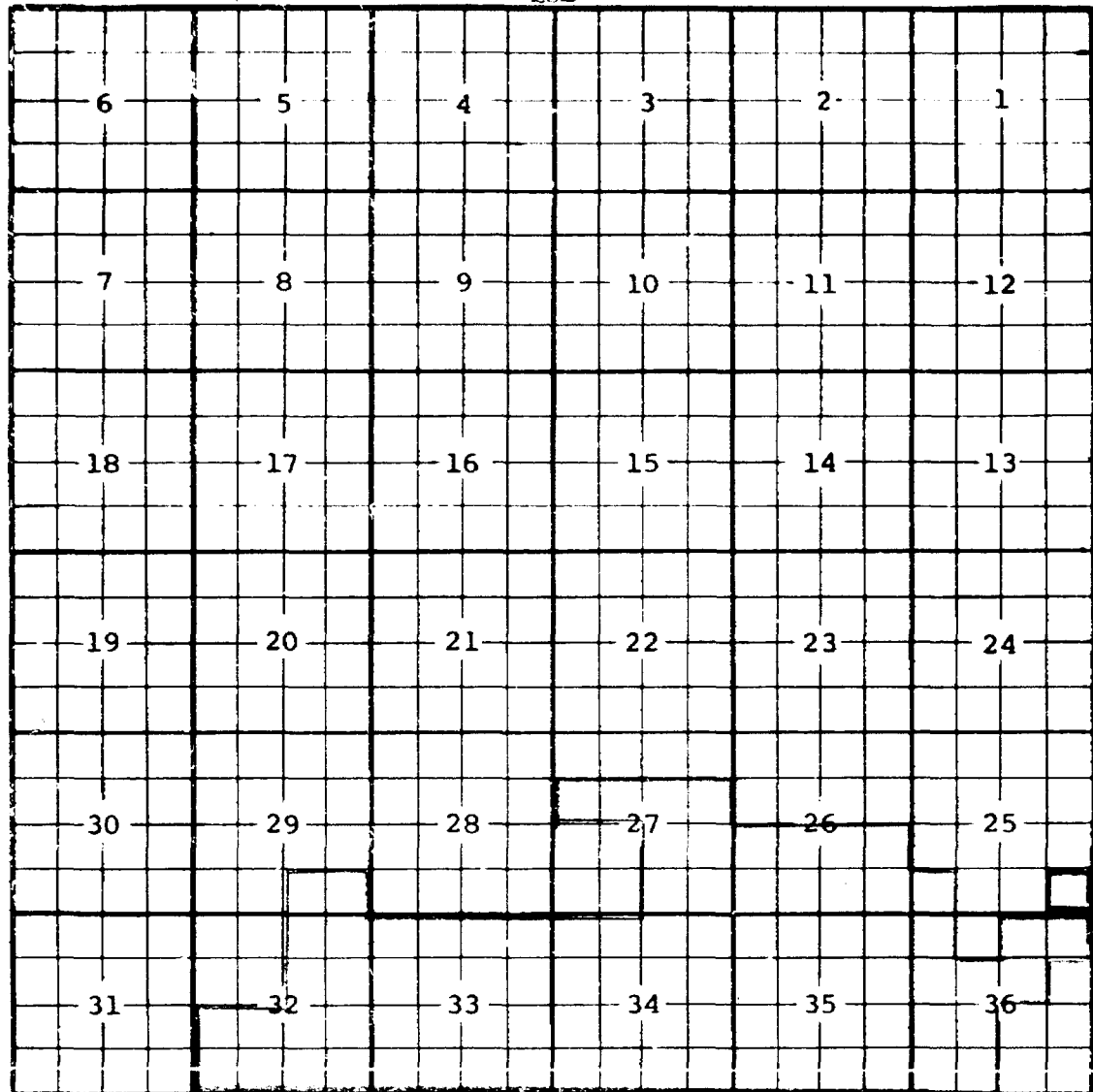
Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 16: SW/4

CASE 3209: (i) EXTENSION OF AN EXISTING OIL POOL

COUNTY EDDY POOL ARTESIA

TOWNSHIP 17S RANGE 26E NMPM



Purpose: One completed oil well capable of producing.

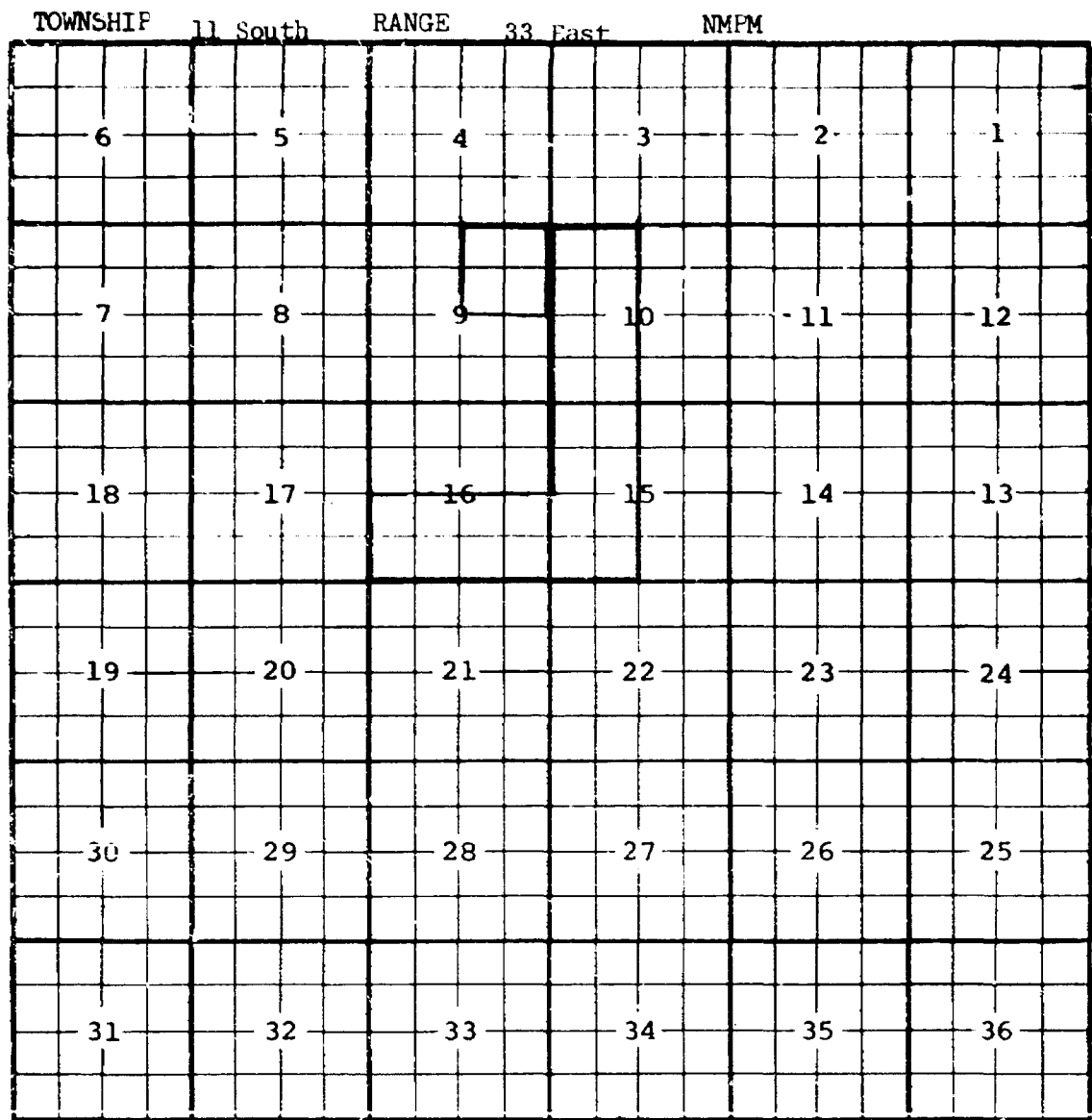
International - Yates State 647 Lo. 203 in Unit P of Section 25-17-28.
Completed in Grayburg December 12, 1964, through perforations 2331 to
2442.

Pool boundary colored in red.

Proposed extension colored in green. Section 25: 55/4 58/1.

CASE 3209: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH BAGLEY-LOWER PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

BTA OIL PRODUCERS - Bagley #1 in Unit A of Section 9-11-33. Completed in Strawn on December 6, 1964. Top of Perforations 10,130'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 9: NE/4

CASE 3209: (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY EDDY POOL NORTH BENSON - QUEEN - GRAYBURG

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

Purpose: One completed oil well capable of producing.

Olen P. Featherstone - Chad Federal No. 1 in Unit C of Section 27-12-30.

Completed in Queen - Grayburg November 6, 1964 through perforations 2342 to 3377.

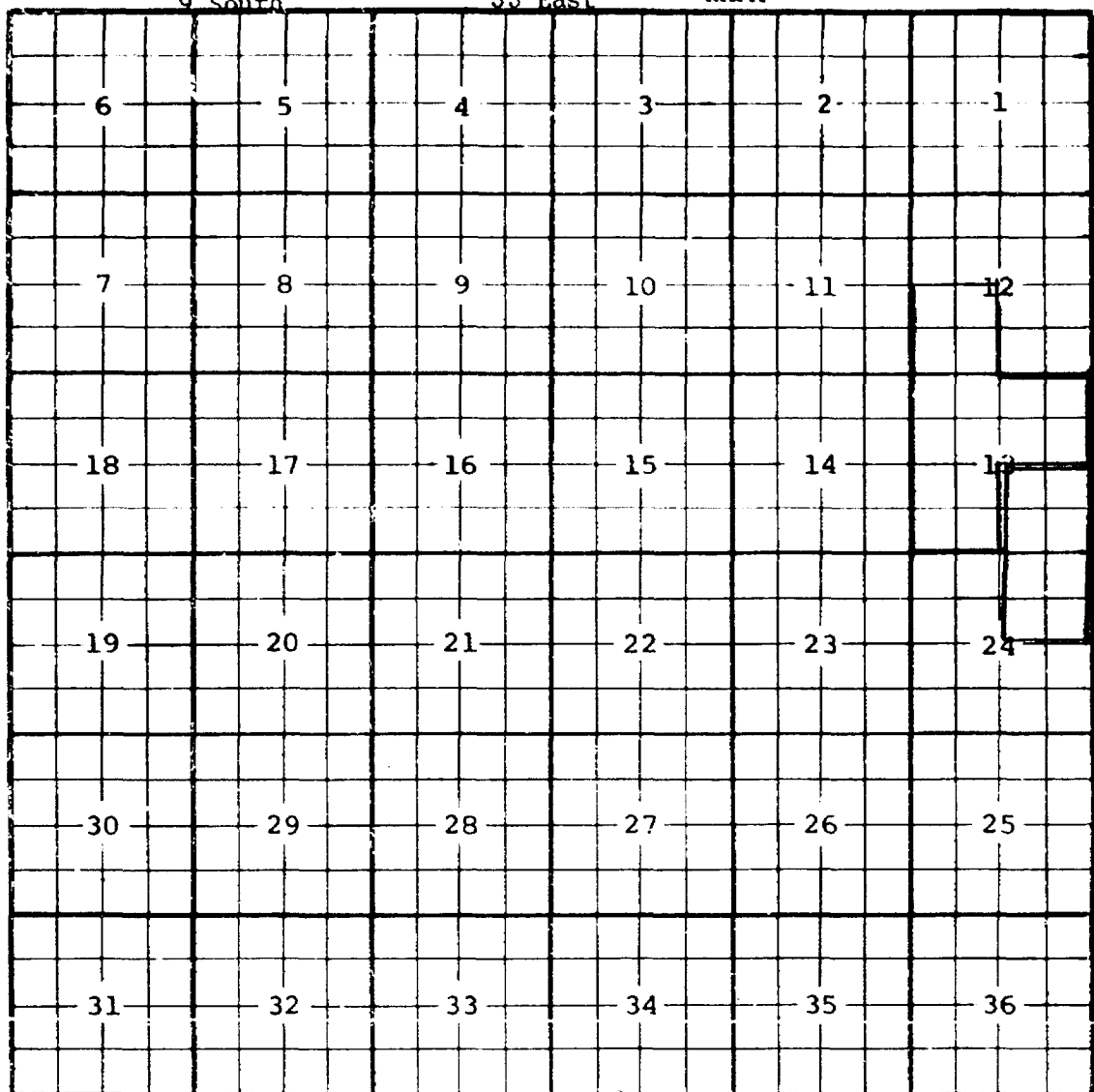
Pool boundary colored in red.

Proposed extension colored in green. Section 27: N/2 12/4, 6 12/4, SE/4

CASE 3209: (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL BOUGH-SAN ANDRES GAS

TOWNSHIP 9 South RANGE 35 East NMPM



PURPOSE: Two completed gas wells capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - Federal "A" #3 in Unit A of Section 13-9-35. Completed in San Andres on October 17, 1964. Top of Perforations 4754'.

PAN AMERICAN PETROLEUM CORPORATION - Federal "B" #1 in Unit B of Section 24-9-35. Completed in San Andres on May 5, 1964. Top of Perforations 4768'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 13: SE/4

SECTION 24: NE/4

CASE 3209: (m) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL BRONCO-WOLF CAMP

TOWNSHIP 12 South RANGE 38 East NMPM

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

PURPOSE: One completed oil well capable of producing.

TEXACO, INC. - H. H. Harris #2 in Unit 0 of Section 35-12-38. Completed in Wolfcamp on October 8, 1964. Top of Perforations 9008'.

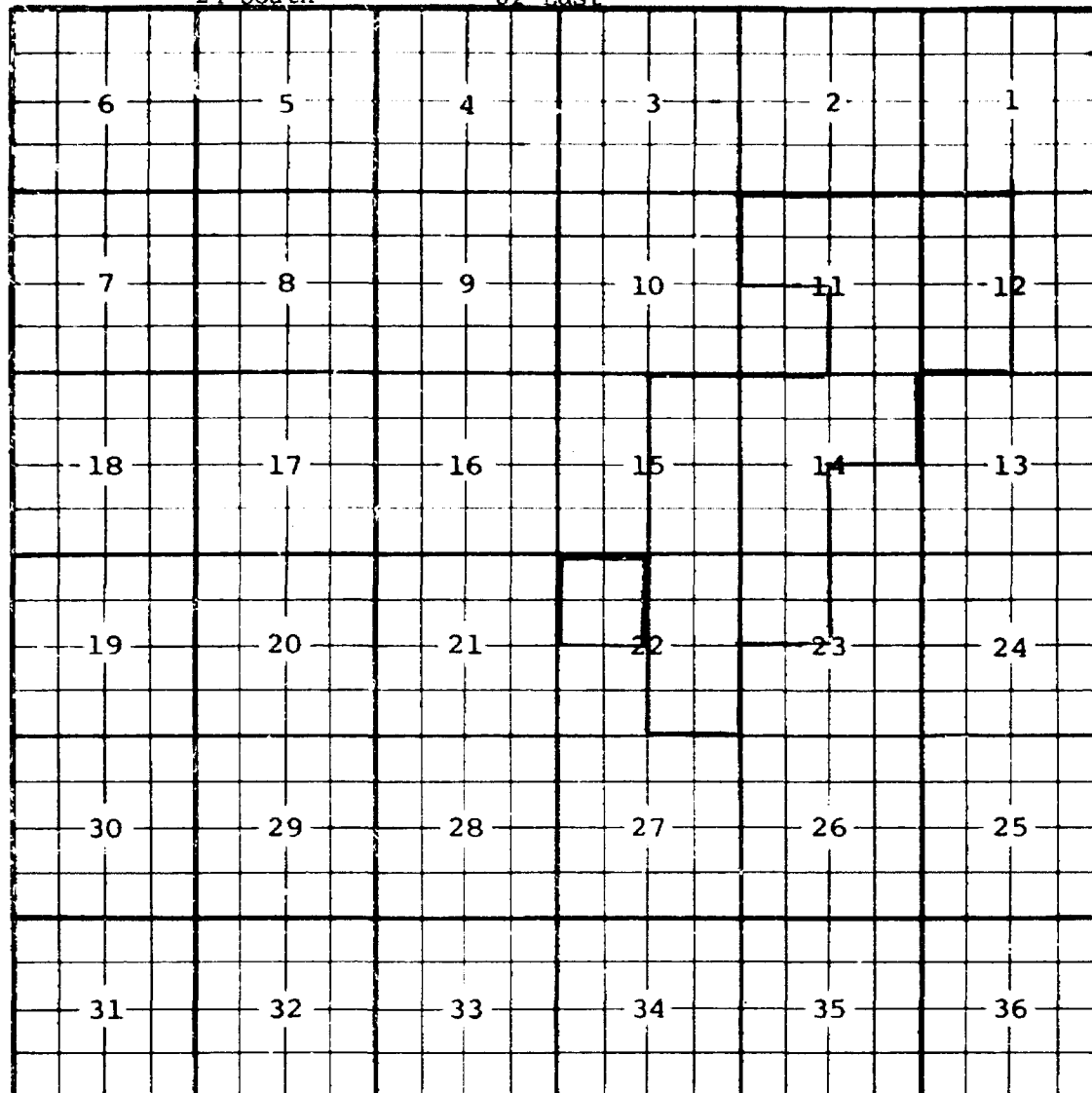
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: SE/4

CASE 3209: (n) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL DOUBLE X-DELAWARE

TOWNSHIP 24 South RANGE 32 East NMPM



PURPOSE: One completed gas well capable of producing in an oil pool.

TENNECO OIL COMPANY - U. S. Smelting-USA #2 in Unit E of Section 22-24-32.

Completed in Delaware on April 11, 1961. Top of Perforations 4871'.

Pool boundary colored in red.

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

CASE 3209: (o) EXTENSION OF AN EXISTING OIL POOL

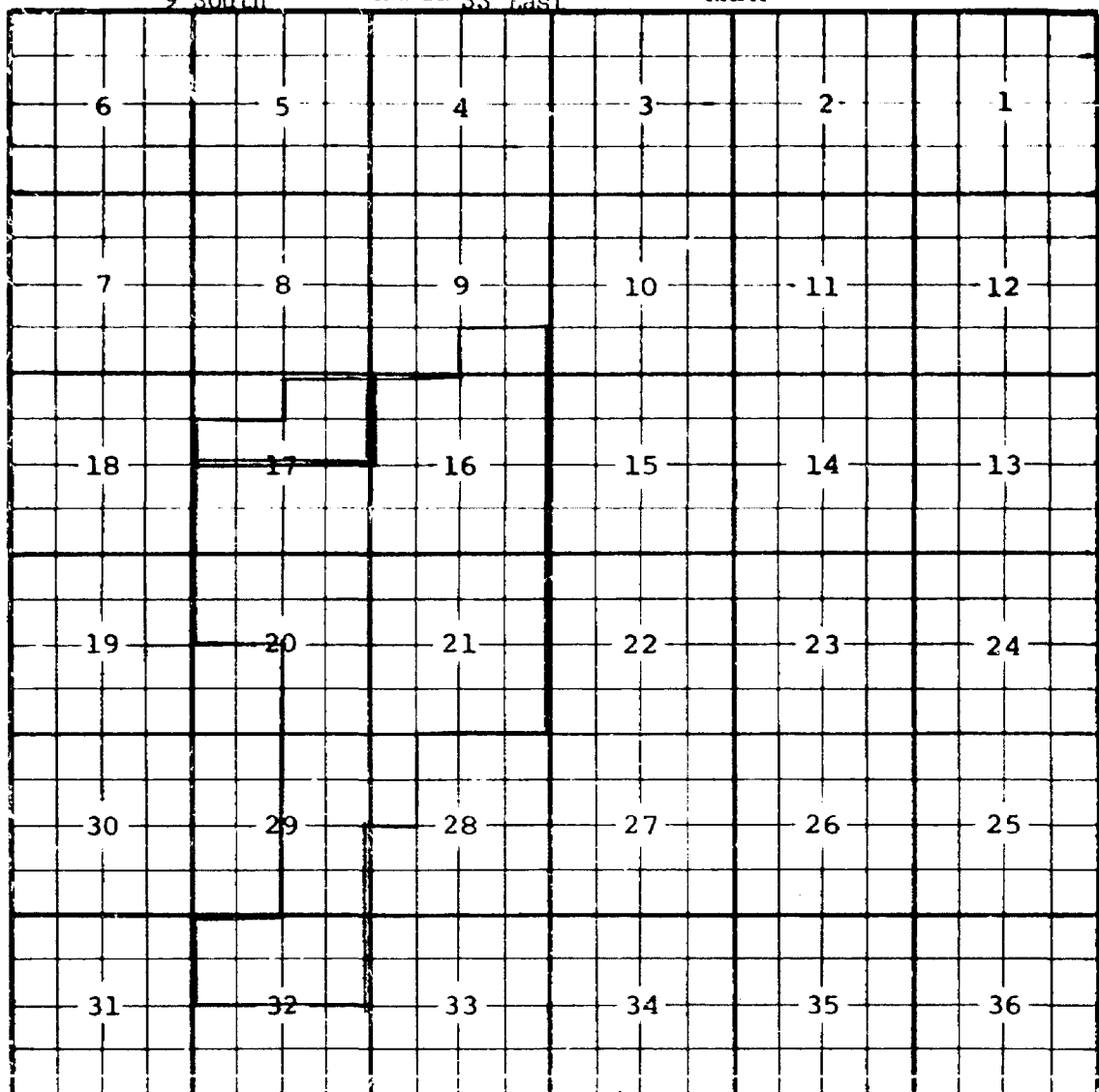
COUNTY LEA

POOL FLYING "M"-SAN ANDRES

TOWNSHIP 9 South

RANGE 33 East

NMFM



PURPOSE: One completed oil well capable of producing.

SHELL OIL COMPANY - State FMA #3 in Unit H of Section 17-9-33. Completed in San Andres on December 18, 1964. Top of Perforations 4436'.

ADDITION--SHELL OIL COMPANY - State FMA #3 in Unit F of Section 17-9-33. Completed in San Andres on January 1, 1965. Top of Perforations 4418'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 17: NE/4

ADDITION----SECTION 17: S/2 NW/4

CASE 3209: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY GOODY POOL LOVELL HACKETT - YATES

TOWNSHIP	19S	RANGE	30E	NMFM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: Two completed oil wells capable of producing.

Gulf Oil Corporation Federal Holder "CR" No. 9 in Unit G of Section 24-19-30. Completed in Yates November 30, 1964, through perforations 1977' to 2004'.

Gulf Oil Corporation Federal Holder "CR" No. 10 in Unit H of Section 24-19-30. Completed in Yates December 17, 1964, through perforations 2022' to 2050'.

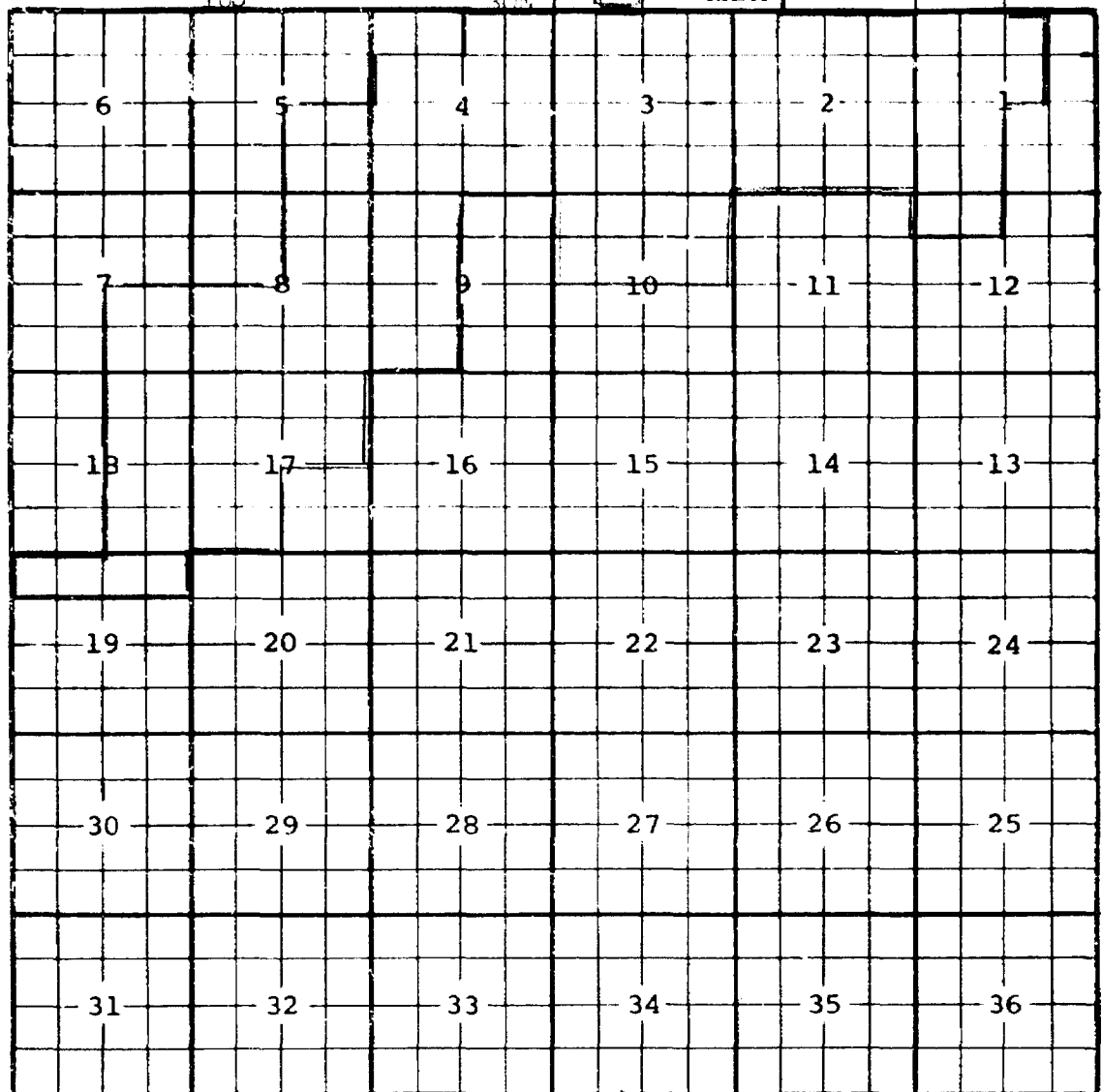
Pool boundary colored in red.

Proposed extension colored in green. Section 24: 3/2 1/4

CASE 3209: (q) EXTENSION OF AN EXISTING OIL POOL

COUNTY EDDY POOL WEST HESSMAN - GRAYBURG

TOWNSHIP 16S RANGE 30E NMFM



Purpose: One completed oil well capable of producing.

Winsey & Cahoon - P. R. Bass Federal No. 1 in lot 6 (Unit F) of Section 3-16-30. Completed in Grayburg October 18, 1964 through perforations 2807' to 2817'

Pool boundary colored in red.

Proposed extension colored in green. Section 3: Lot 6

CASE 3209: (r) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Indian Basin-Upper Pennsylvanian Gas

TOWNSHIP	22S	RANGE	24E	NMFM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: 1 Completed gas well capable of producing.

The Atlantic Refg. Co., Walt Canyon Unit #2 in unit D of Sec. 4-22-24.
Completed in Upper Pen. July 2, 1964, through perforations 7570'-
7600'.

Pool boundary colored in red.

Proposed extensions colored in green. Sec. 4: All
Sec. 5: All

CASE 3209: (s) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

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

PURPOSE: One completed oil well capable of producing in a gas pool.

SKELLY OIL COMPANY - Hobbs Q #2 in Unit K of Section 16-24-36. Completed in Seven Rivers on December 3, 1964. Top of Perforations 3743'.

ADDITION--AZTEC OIL & GAS COMPANY - State "SR" #1 in Unit G of Section 16-24-36. Completed in Seven Rivers on January 8, 1965. Top of Perforations 3722'.

ADDITION--AZTEC OIL & GAS COMPANY - State "SR" #3 in Unit F of Section 16-24-36. Completed in Seven Rivers on January 8, 1965. Top of Perforations 3715'.

ADDITION--ROY H. SMITH DRILLING COMPANY - Federal #2-21 in Unit A of Section 21-24-36. Completed in Seven Rivers on January 1, 1965. Top of Perforations 3688'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 15: SW/4

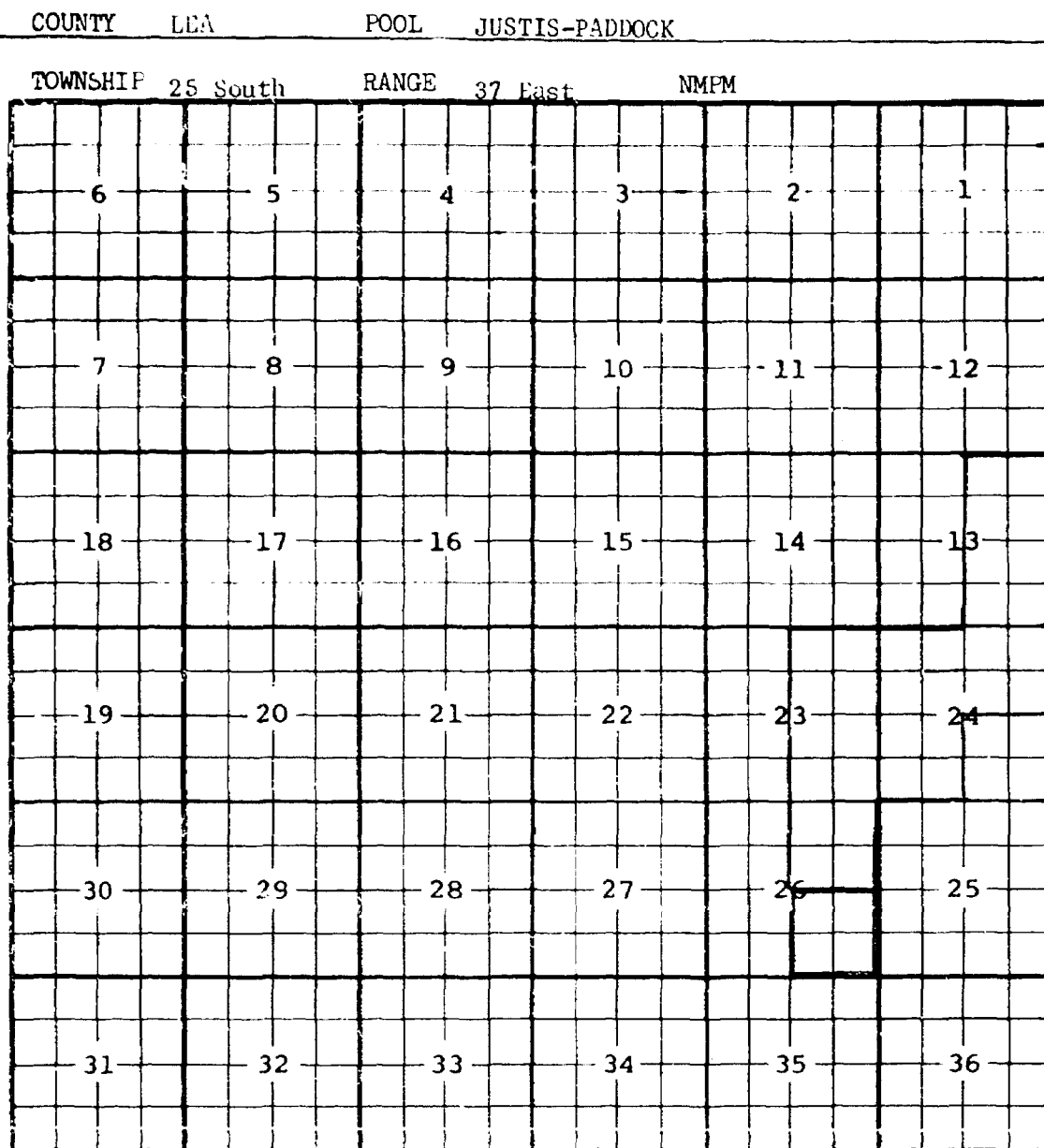
SECTION 16: S/2

ADDITIONS--SECTION 16: S/2 NW/4 and NE/4, SECTION 21: NE/4
SECTION 15: NW/4

COUNTY LEA POOL JALMAT GAS

Proposed pool extension colored in green. SECTION 31: Lot 3 and NE/4 NW/4

CASE 3209: (t) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

WESTATES PETROLEUM COMPANY - Carlson B-26 #7 in Unit J of Section 26-25-37.

Completed in Paddock on September 25, 1960. Top of Perforations 5042.5'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 26: SE/4

CASE 3209: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY Chaves POOL Linda San Andres

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

Purpose: 1 completed oil well capable of producing _____

J.J. Travis Grant Keyes Fed. #1 in unit M of Sec. 20-6-26.

Completed in San Andres, Nov. 10, 1964, through perforations 994' to 1006'.

Pool boundary colored in red.

Proposed extensions colored in green. Sec. 19: SE/4 SE/4
Sec. 20: SW/4 SW/4

CASE 3209: (v) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL	Lusk-Morrow Gas		
TOWNSHIP	19S	RANGE	31E	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: 1 completed gas well capable of producing.

Tenneco Oil Co., Jones Fed. #2 in unit G of Sec. 25-19-31.

Completed in Morrow Sept. 4, 1963, through perforations 12,422' to 12,536'.

Pool boundary colored in red.

Proposed extensions colored in green. Sec. 24: All
Sec. 25: All

CASE 3209: (w) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Eddy		POOL	Lusk Strawn	
TOWNSHIP	19S		RANGE	31E 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: 3 completed oil wells capable of producing.
Tenneco Oil Co., Jones Fed. Unit #1 in Unit G of Sec. 24-19-31.
Completed in Strawn Dec. 5, 1964, through perforations 11,430' to 11,440'.

Tenneco Oil Co., Jones Fed. E #1 in Unit H of Sec. 23-19-31, completed in Strawn Dec. 21, 1964, through perforations 11,530' to 11,540'.

Addition: Tenneco Oil Co., Sweeney Fed. #1 in unit M of Sec. 13-19-31. Completed in Strawn Jan. 19, 1965, through perforations 11,390' to 11,400'.

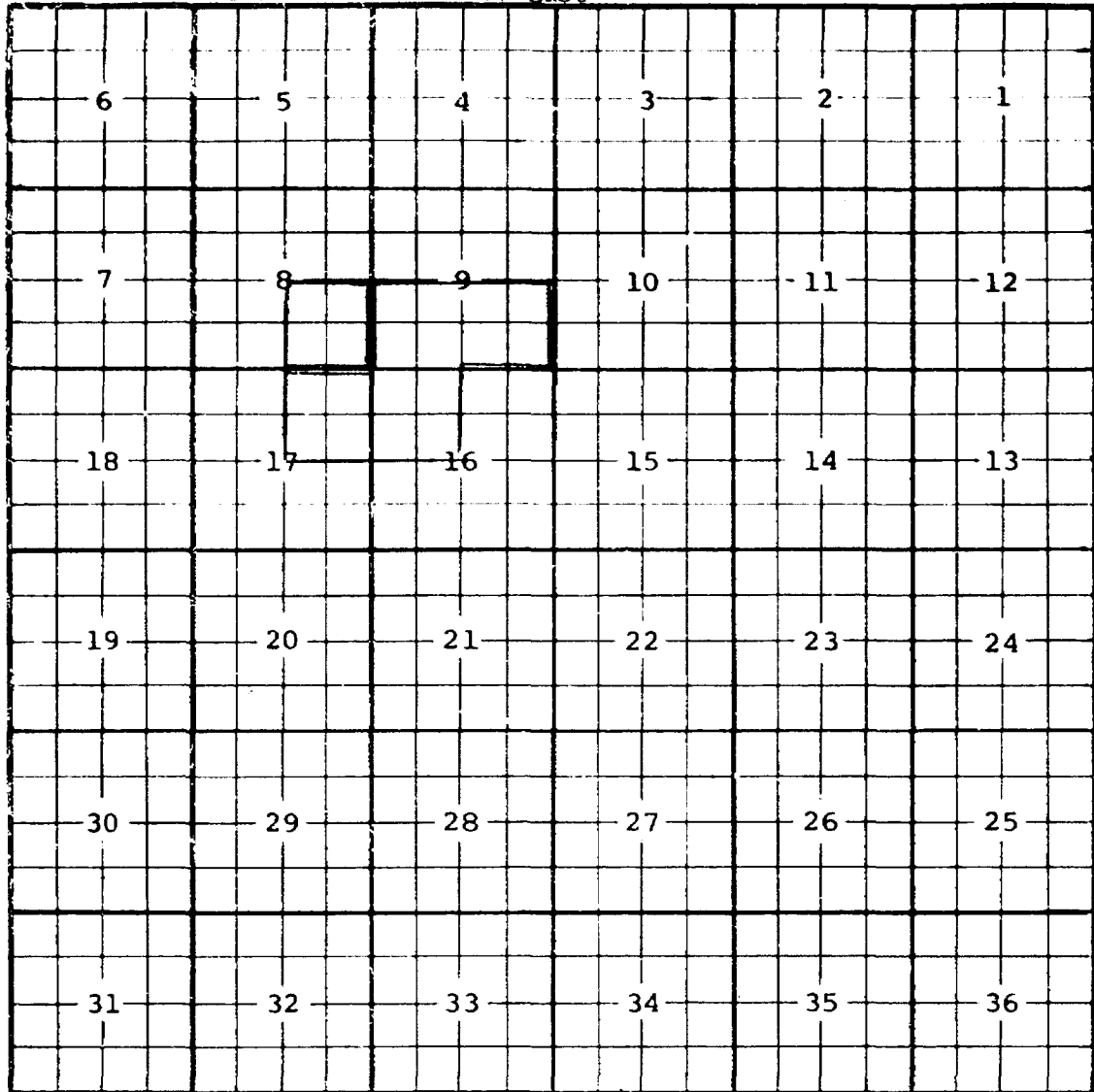
Pool boundary colored in red.

Purposed extensions colored in green. Sec. 23: N/2
Sec. 24: N/2
Addition Sec. 3: S/2

CASE 3209: (x) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MIDWAY-ABO

TOWNSHIP 17 South RANGE 37 East NMPM



PURPOSE: Two completed oil wells capable of producing.

CONSOLIDATED OIL & GAS COMPANY, INC. - Midway State #1-8 in Unit P of Section 8-17-37. Completed in Abo on December 11, 1964. Top of Perforations 8688'.

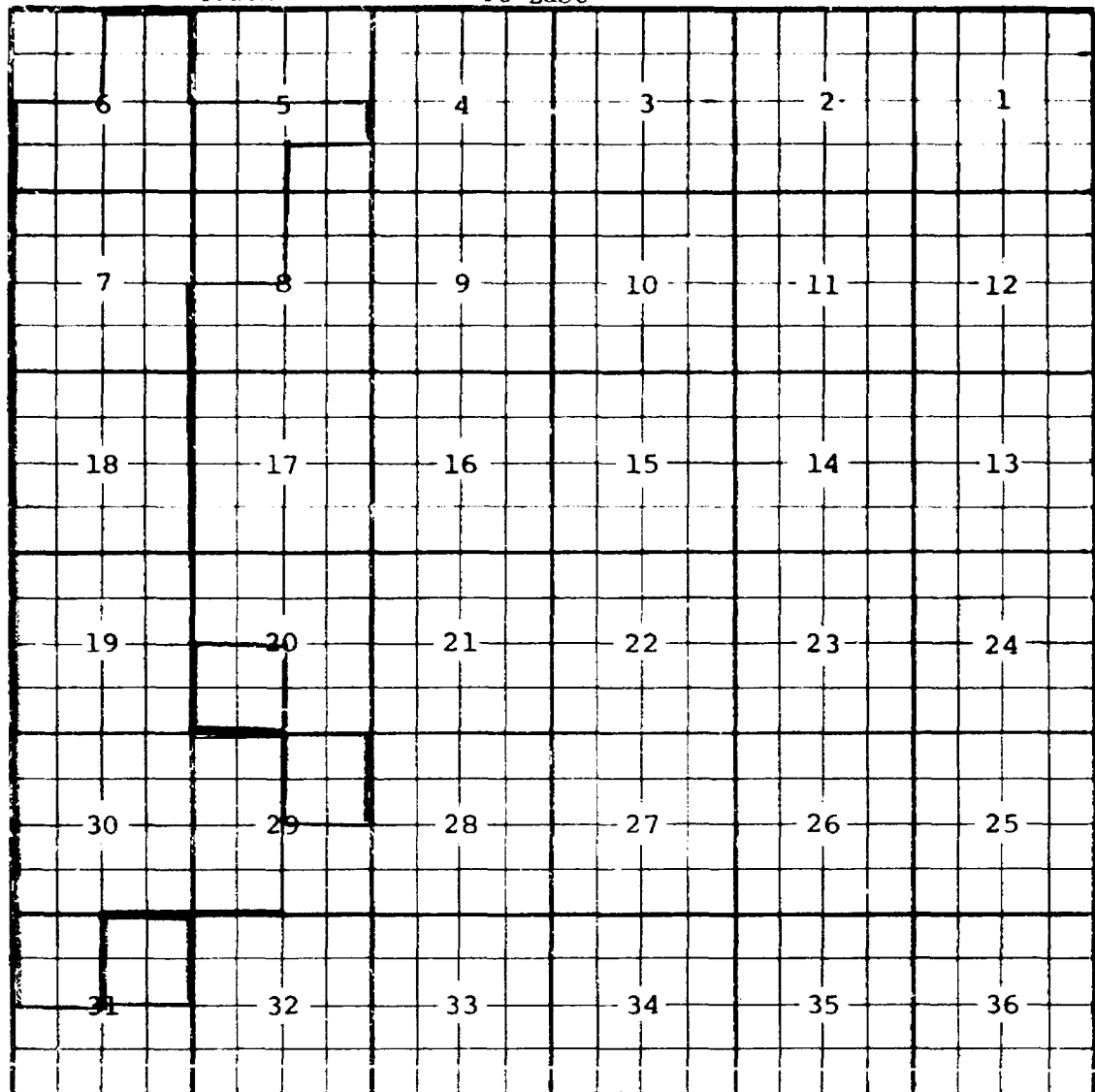
CONSOLIDATED OIL & GAS COMPANY, INC. - Midway State #2-8 in Unit Q of Section 8-17-37. Completed in Abo Reef on January 17, 1965. Top of Perforations 8703'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 8: SE/4

COUNTY ROOSEVELT POOL MILNLSAND-SAN ANDRES

TOWNSHIP 8 South RANGE 35 East NMFM



PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Morton #26 in Unit B
of Section 29-8-35. Completed in San Andres on December 22, 1961. Top
of Perforations 4672'.

PAN AMERICAN PETROLEUM CORPORATION - USA Russell E. Horton #27 in Unit 6
of Section 29-8-35. Completed in San Andres on January 17, 1965. Depth
to Casing Shoe 4718'.

PAN AMERICAN PETROLEUM CORPORATION - USA - Russell E. Horton #24 in Unit B
of Section 31-8-35. Completed in San Andres on November 21, 1964. Top
of Perforations 4700'.

ADDITION--SOCONY MOBIL OIL COMPANY, INC. - Jacobs Federal #8 in Unit # of
section 20-8-35. Completed in San Andres on December 24, 1964.
Top of perforations 4604'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 19: NE/4 and SECTION 31: SE/4
ADDITION---SECTION 20: SW/4

CASE 3209: (z) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL MORTON-PENNSYLVANIAN

TOWNSHIP

15 South

RANGE

34 East

NMPM

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

PURPOSE: One completed oil well capable of producing.

UNION OIL COMPANY OF CALIFORNIA - Gulf Federal #1-12 in Unit H of Section 12-15-34. Completed in Lower Wolfcamp on December 28, 1964. Top of Perforations 10,338'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 12: NE/4

TOWNSHIP 19 South RANGE 34 East NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern: Row 1 (left to right): 6, 5, 4, 3, 2, 1; Row 2 (right to left): 7, 8, 9, 10, 11, 12; Row 3 (left to right): 18, 17, 16, 15, 14, 13; Row 4 (right to left): 19, 20, 21, 22, 23, 24; Row 5 (left to right): 30, 29, 28, 27, 26, 25; Row 6 (right to left): 31, 32, 33, 34, 35, 36. A 2x2 square of cells is highlighted in the bottom right corner, covering the cells containing numbers 25, 26, 35, and 36.

PURPOSE: One completed oil well capable of producing.

D. W. ST. CLAIR - Superior Federal #2 in Unit D of Section 25-19-34.

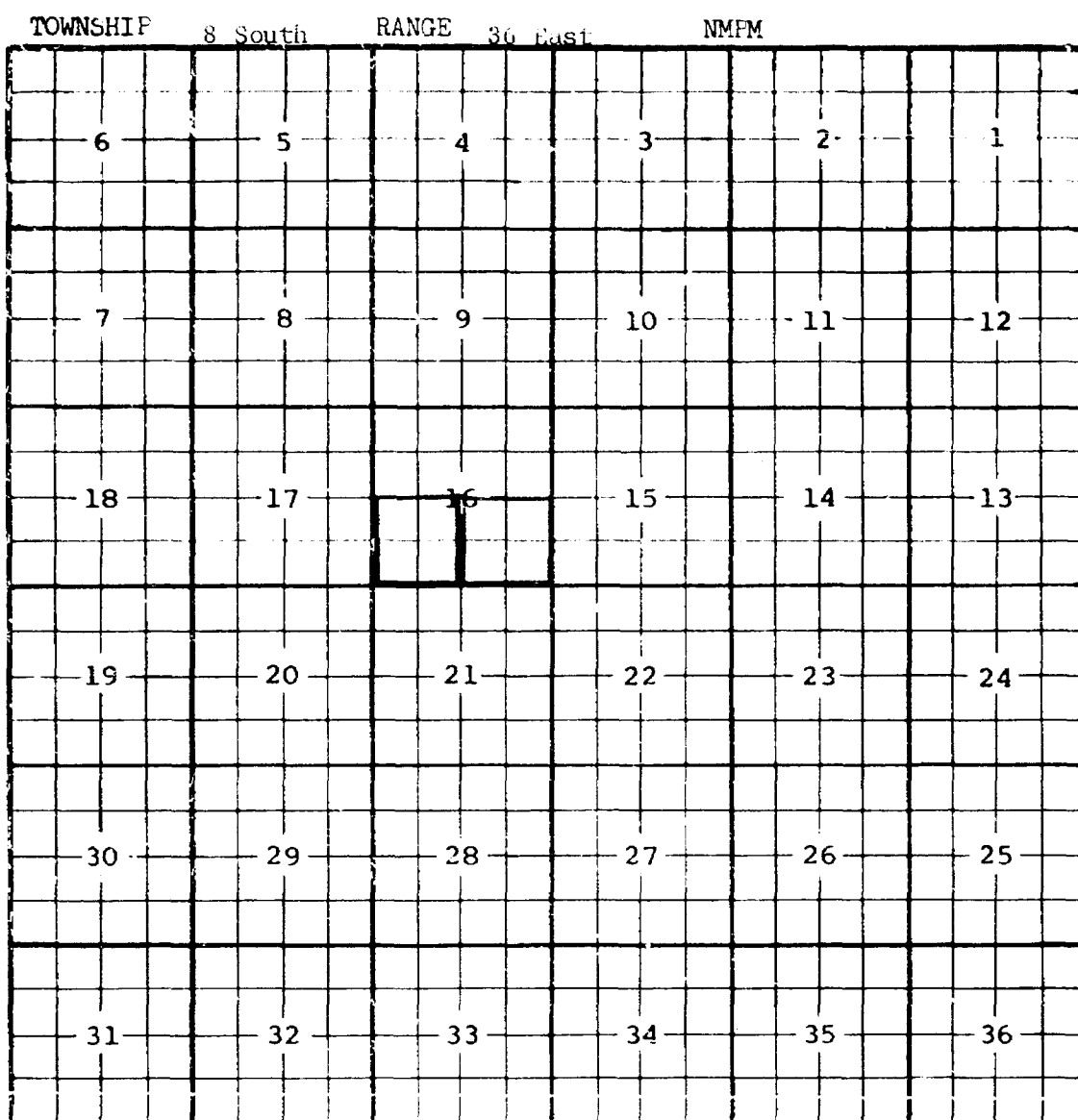
Completed in Queen on November 21, 1964. Top of Perforations 4936'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: N/2 NE/4

CASE 3209: (bb) EXTENSION OF AN EXISTING OIL POOL

COUNTY ROOSEVELT POOL SOUTH PRAIRIE-SAN ANDRES



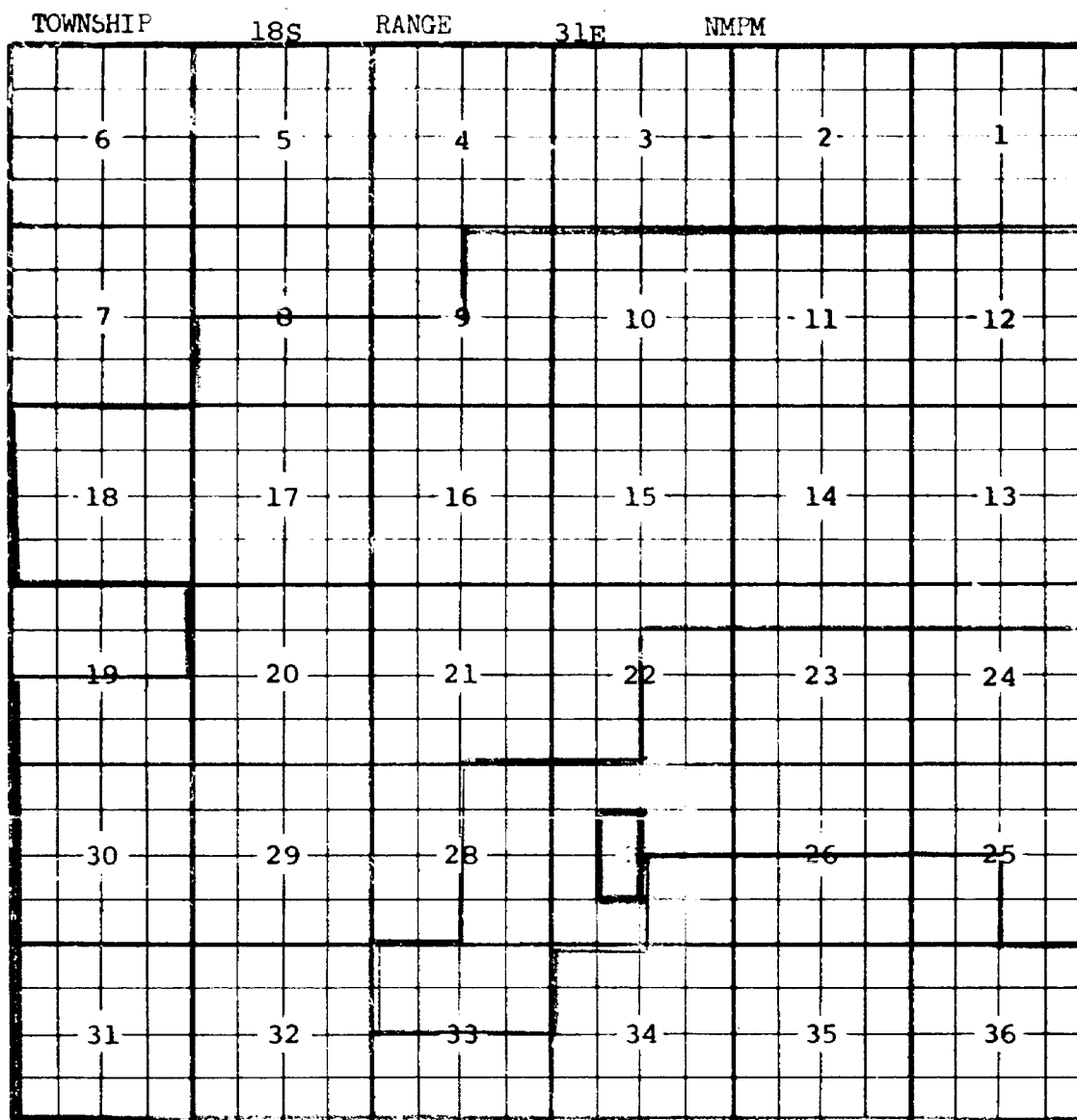
PURPOSE: One completed oil well capable of producing.

JOSEPH I. O'NEILL, JR. - State "L" #1 in Unit M of Section 16-8-36. Completed in San Andres on December 8, 1954. Top of Perforations 4800'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 16: SW/4

CASE 3209: (cc) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Shugart



Purpose: One completed oil well capable of producing.

Keohane Saunders Etal Hinkle B #8 in unit F of Sec. 27-13-31.
Completed in Queen-Grayburg Nov. 10, 1964, through perforations
3712' to 3928'.

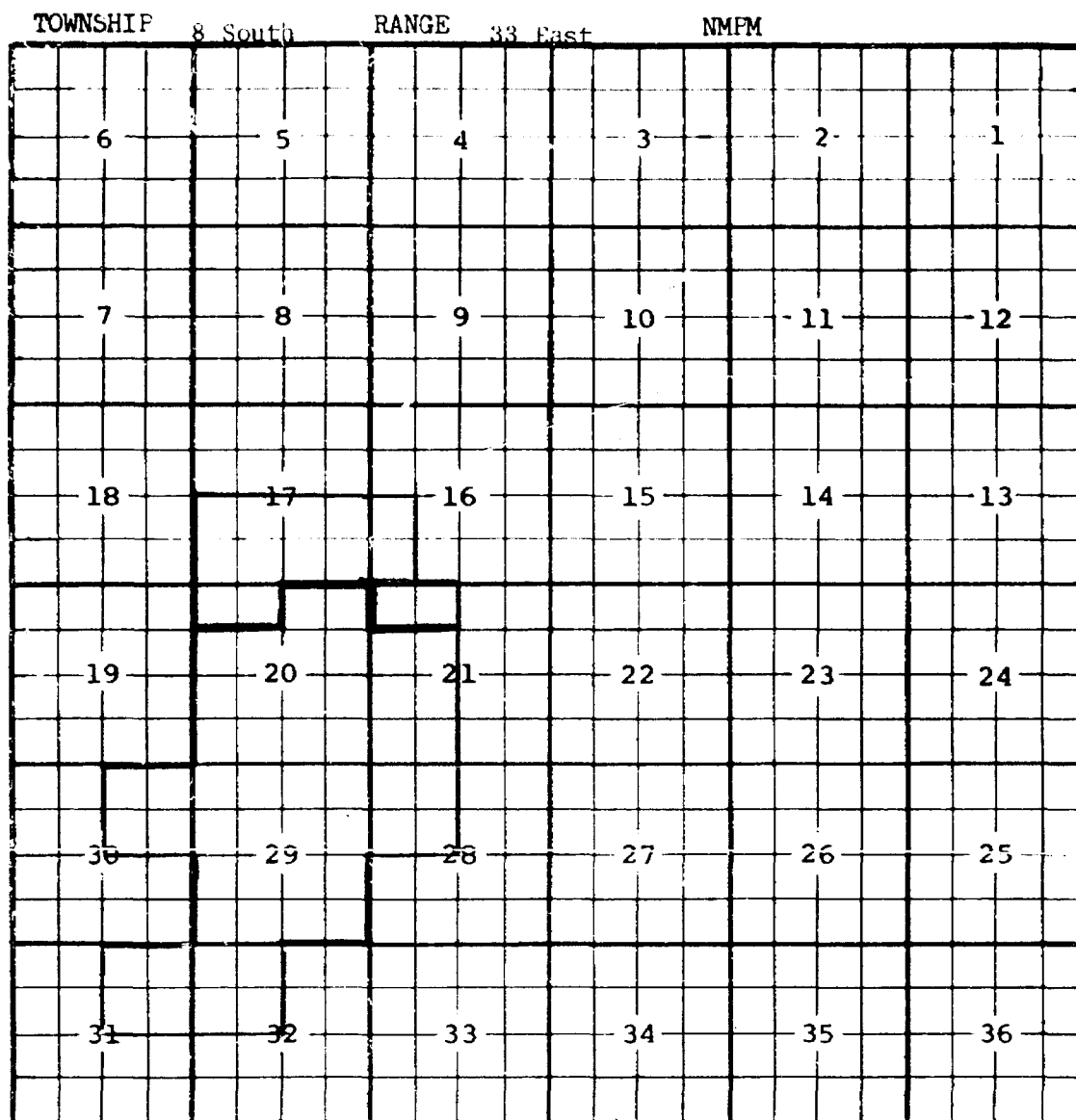
Pool boundary colored in red.

Proposed extensions colored in green. Sec. 27: SE/4 NW/4 & NE/4 SW/4

CASE 3209: (dd) EXTENSION OF AN EXISTING OIL POOL

COUNTY CHAVES

POOL TOBAC-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

THE ATLANTIC REG. CO. - Mona Federal #1 in Unit O of Section 17-8-33. Completed in Pennsylvanian (Bough C) on December 22, 1964. Top of Perforations 8923'.

ADDITION----HUMBLE OIL & REG. CO. - New Mexico State BX #1 in Unit M of Section 16-8-33. Completed in Bough C (Pennsylvanian) on January 19, 1965. Top of Perforations 8981'.

ADDITION----THE ATLANTIC REG. CO. - Mona Federal #2 in Unit K of Section 17-8-33. Completed in Pennsylvanian on January 25, 1965. Top of Perforations 8931'.

ADDITION----HUMBLE OIL & REG. CO. - New Mexico State "BW" #3 in Unit C of Section 20-8-33. Completed in Bough C on November 11, 1964. Top of Perforations 8959'.

ADDITION----HUMBLE OIL & REG.CO. - Tobac State Oil Unit No. 2 #1 in Unit D of Section 21-8-33. Completed in Bough C on December 18, 1964. Top of Perforations 8986-90'. Pool boundary colored in red.

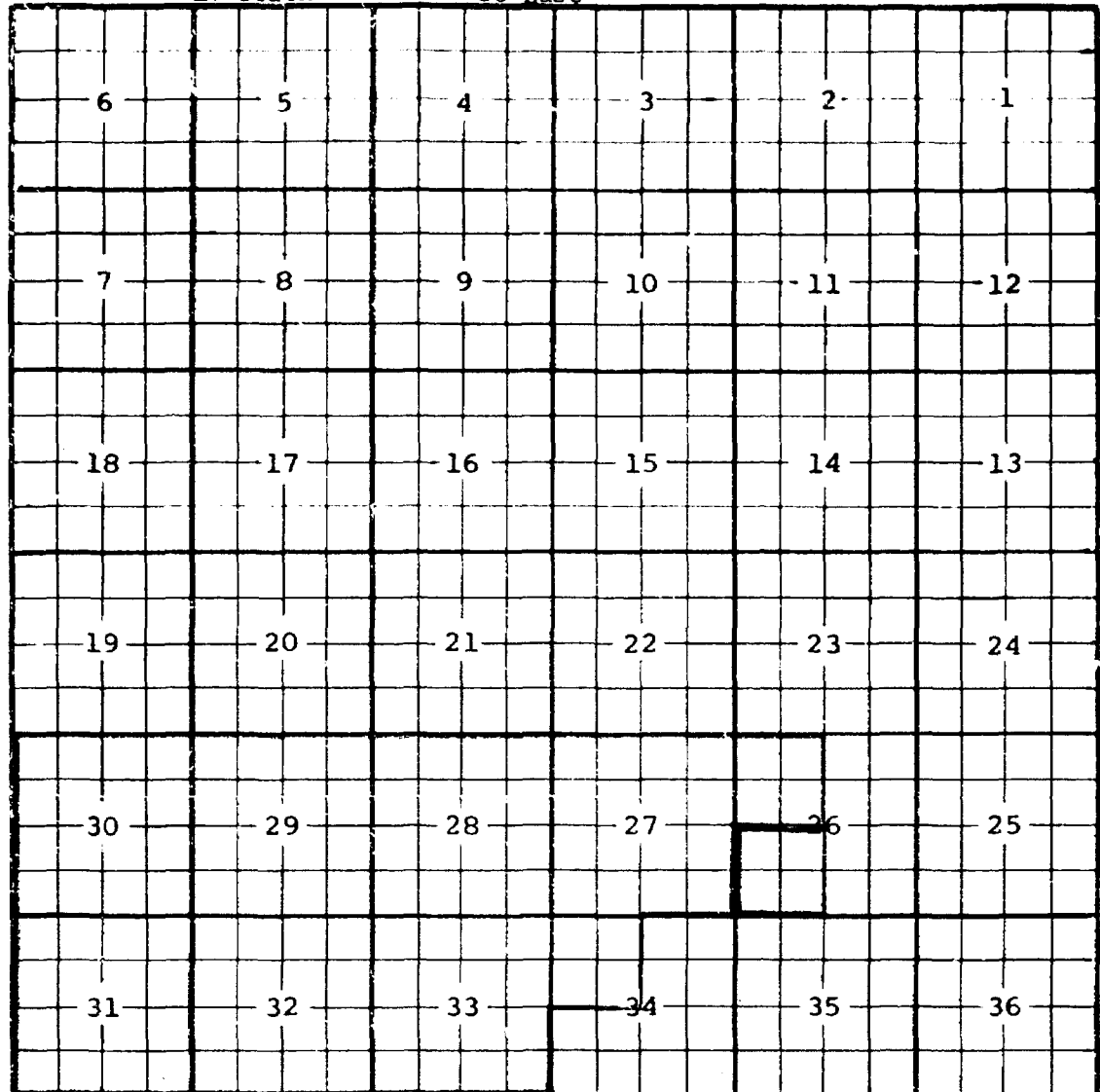
Proposed pool extensions colored in green. SECTION 1: SE/4

ADDITIONS--SECTION 16: W/2 SW/4, SECTION 17: SW/4, SECTION 20: N/2 NW/4, and SECTION 21: N/2 NW/4

CASE 3209: (cc) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL VACUUM-GLORIETA

TOWNSHIP 17 South RANGE 35 East NMPM



PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Santa Fe #110 in Unit L of Section 26-17-35.

Completed in Glorieta on December 12, 1964. Top of Perforations 6138'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 26: SE/4

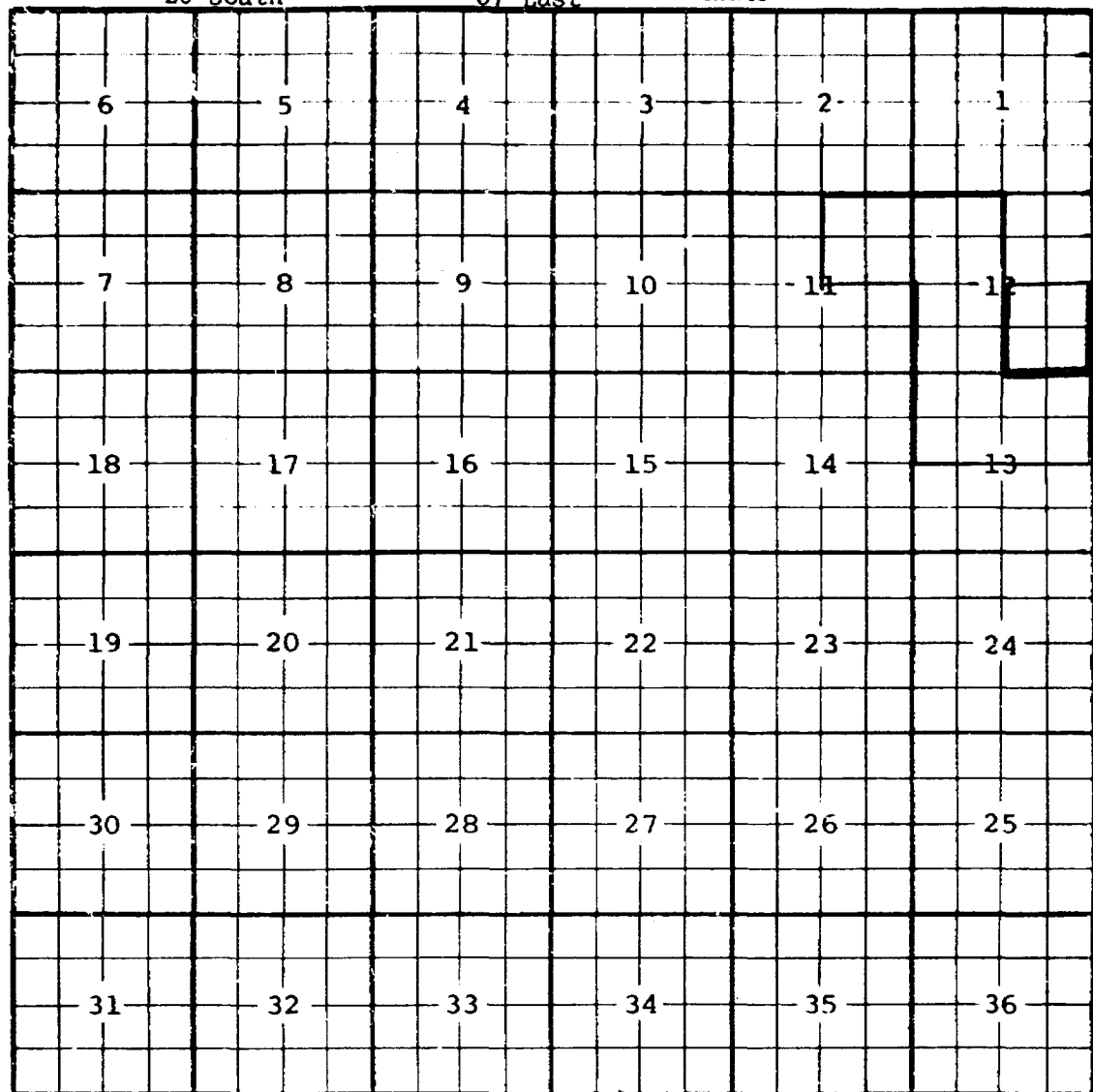
CASE 3209: (ff) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST WEIR-BLINEBRY

TOWNSHIP 20 South

RANGE 37 East

NMPM



PURPOSE: One completed oil well capable of producing.

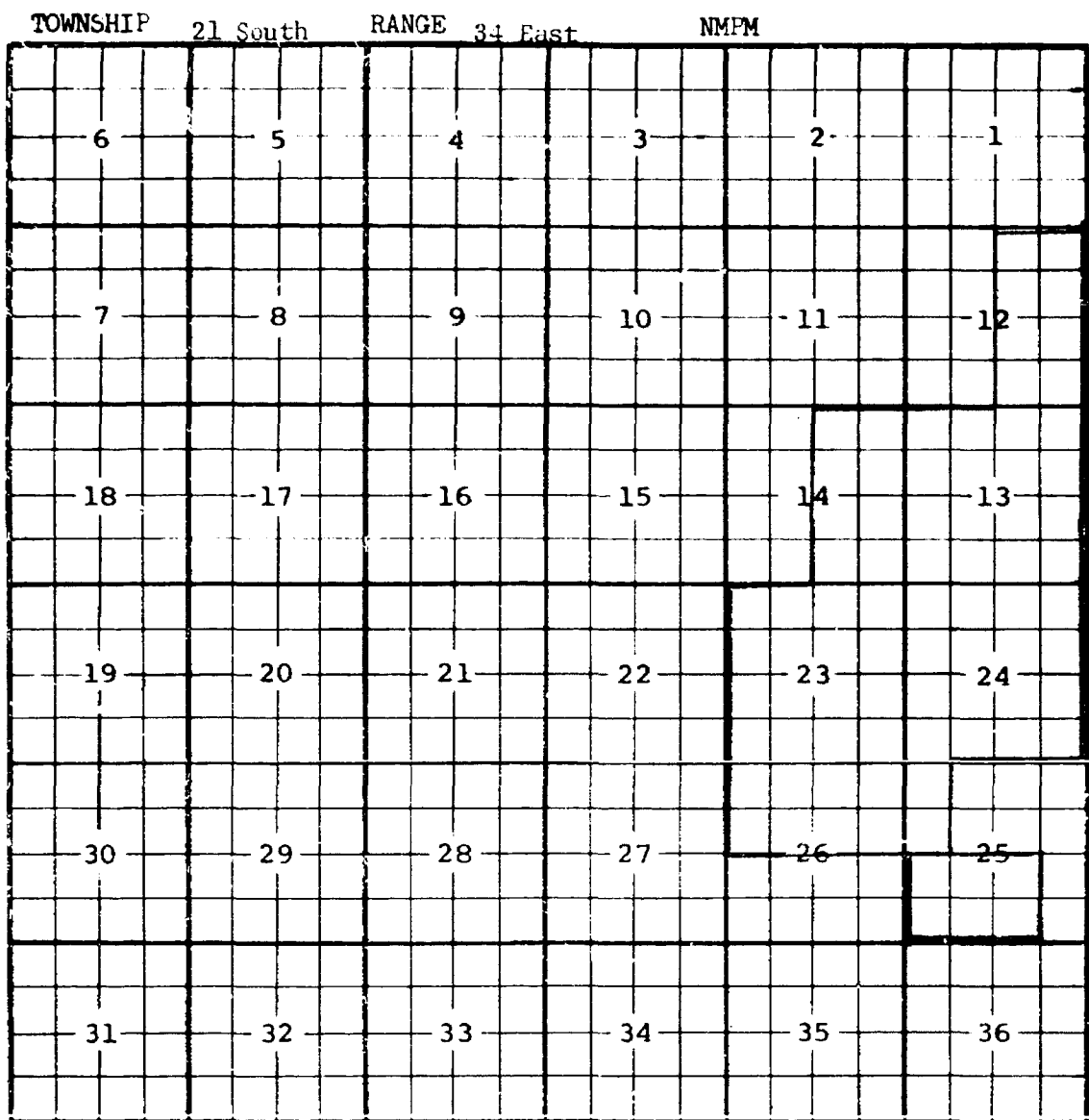
TEXACO, INC. - M. B. Weir "B" #9 in Unit 0 of Section 12-20-37. Completed in Blinebry on October 19, 1964. Top of Perforations 5773'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 12: SE/4

CASE 3209: (gg) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL WILSON-YATES-SEVEN RIVERS



PURPOSE: One completed oil well capable of producing.

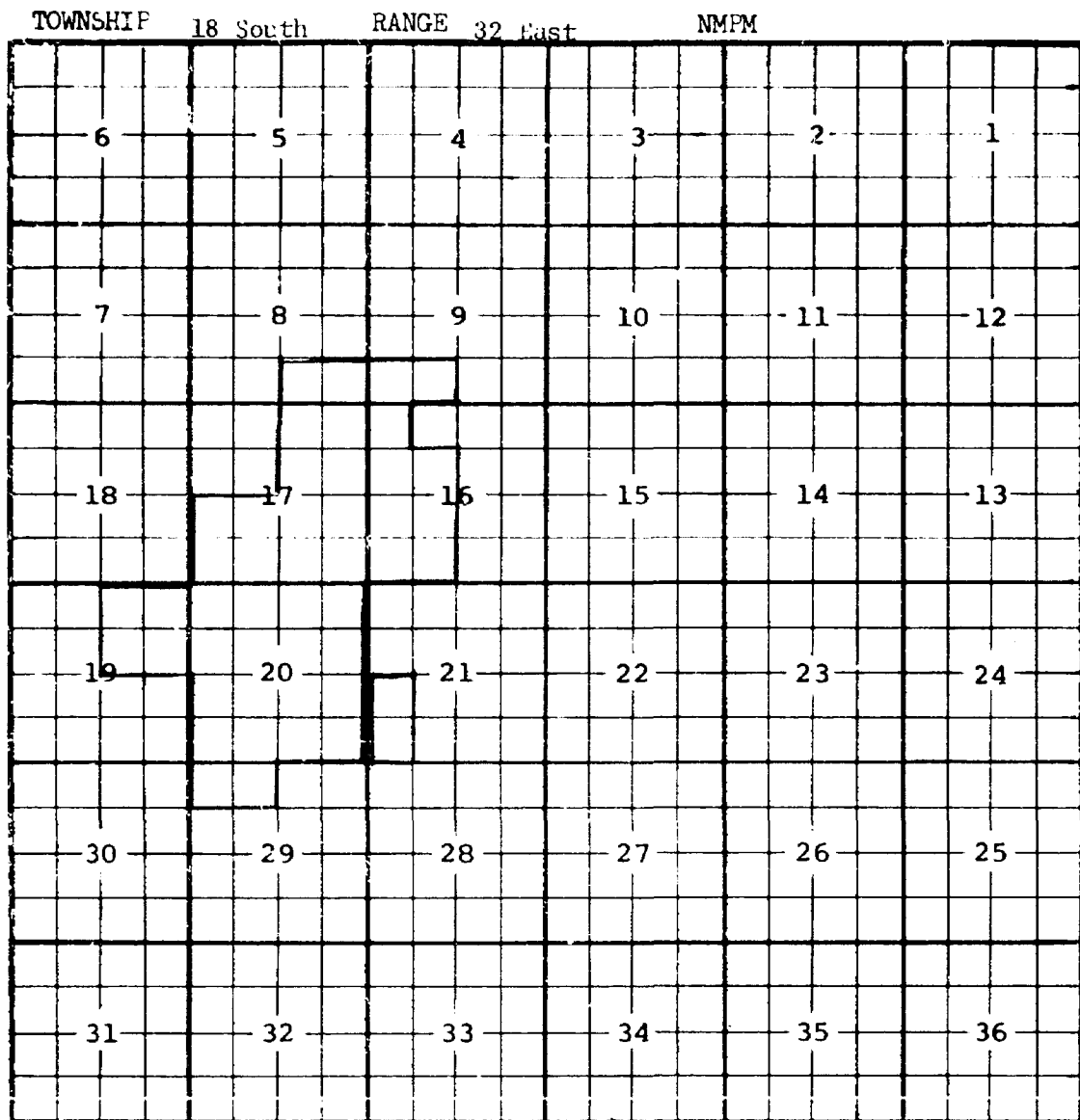
WILSON OIL COMPANY - State H #1 in Unit O of Section 25-21-34. Completed in Yates on August 10, 1963. Top of Perforations 3844'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 25: SW/4 and W/2 SE/4

CASE 3209: (hh) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL YOUNG-QUEEN



PURPOSE: One completed oil well capable of producing.

E. J. McCURDY ET AL - Edwards #1 in Unit M of Section 21-18-32. Completed in Penrose on December 23, 1964. Top of Perforations 4066'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 21: W/2 SW/4

DOCKET: REGULAR HEARING - WEDNESDAY - FEBRUARY 17, 1965

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

- ALLOWABLE: (1) Consideration of the oil allowable for March, 1965.
- (2) Consideration of the allowable production of gas for March, 1965, from ten prorated pools in Lea and Eddy Counties, New Mexico; also consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for March, 1965.

CASE 3158: (Continued from the January 13, 1965, Regular Hearing)
Application of The Pure Oil Company for the creation of a new gas pool and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Wolfcamp gas pool for its Red Hills Unit Well No. 1 located 330 feet from the South line and 2310 feet from the East line of Section 32, Township 25 South, Range 33 East, Lea County, New Mexico, and the promulgation of special pool rules including a provision for 640-acre spacing.

CASE 3159: (Continued from the January 13, 1965, Regular Hearing)
Application of The Pure Oil Company for the creation of a new gas pool and for special pool rules, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new Pennsylvanian gas pool for its Red Hills Unit Well No. 1 located 330 feet from the South line and 2310 feet from the East line of Section 32, Township 25 South, Range 33 East, Lea County, New Mexico, and the promulgation of special pool rules including a provision for 640-acre spacing.

CASE 3207: Application of Saul A. Yager, et al., for amendment of Order No. R-2827 and for special pool rules, Lea County, New Mexico. Applicants, Saul A. Yager, Barbara A. Witten, Jerald M. Schuman, Avrome Schuman, J. Harold Schuman and Earl Schuman, seek amendment of Order No. R-2827 to create new gas pools for the Atoka, Strawn, and Morrow zones of the Pennsylvanian formation in The Pure Oil Company Red Hills Unit Well No. 1 located 330 feet from the South line and 2310 feet from the East line of Section 32, Township 25 South, Range 33 East, Lea County, New Mexico, with horizontal limits of each pool comprising the horizontal limits established for the Red Hills-Pennsylvanian Gas Pool by Order No. R-2827.

Saul A. Yager, et al., request that each pool be governed by Rule 104 of the general rules and regulations, including 320-acre spacing and well locations.

The Pure Oil Company requests the promulgation of special pool rules, including provisions for 640-acre spacing and well locations for each pool, in the event that new pools are created.

CASE 3208: Application of Saul A. Yager, et al., for the creation of a new gas pool, and for special pool rules, Lea County, New Mexico. Applicants, Saul A. Yager, Barbara A. Witten, Jerald M. Schuman, Avrome Schuman, J. Harold Schuman and Earl Schuman, seek the creation of a new Devonian gas pool for The Pure Oil Company Red Hills Unit Well No. 1 located 330 feet from the South line and 2310 feet from the East line of Section 32, Township 25 South, Range 33 East, with the vertical limits of the

- 2 - February, 1965 Regular Hearing

CASE 3208 continued

pool comprising the Devonian formation and the horizontal limits comprising all of Sections 31, 32 and 33, Township 25 South, Range 33 East, and all of Sections 4, 5 and 6, Township 26 South, Range 33 East, Lea County, New Mexico.

Saul A. Yager, et al., request that the subject pool be governed by Rule 104 of the general rules and regulations, including 320-acre spacing and well locations.

The Pure Oil Company concurs in the request for creation of a new gas pool and requests the promulgation of special pool rules, including a provision for 640-acre spacing and well locations.

CASE 3209: Southeastern New Mexico nomenclature case calling for an order for the creation, contraction and extension of the following pools in Chaves, Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE A new gas pool for San Andres production, designated as the Boughjink-San Andres Gas Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 16: S/2

(b) CREATE A new oil pool for Queen production, designated as the Bunker Hill-Queen Pool, and described as:

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 13: NW/4 SW/4

(c) CREATE A new oil pool for Upper Pennsylvanian production, designated as the Dagger Draw-Upper Pennsylvanian Pool, and described as:

TOWNSHIP 12 SOUTH, RANGE 25 EAST, NMPM
SECTION 31: NW/4

(d) CREATE A new oil pool for Queen production, designated as the Empire-Queen Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
SECTION 36: SW/4 SW/4

(e) CREATE A new oil pool for Upper Pennsylvanian production, designated as the Parrish Ranch-Upper Pennsylvanian Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM
SECTION 24: NE/4

(f) CREATE A new oil pool for San Andres production, designated as the Twin Lakes-San Andres Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM
SECTION 1: NW/4 NW/4

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(g) CONTRACT the vertical limits of the Morton Permo-Pennsylvanian Pool to include only the Pennsylvanian formation and redesignate said pool as the Morton-Pennsylvanian Pool.

(h) CONTRACT the Jenkins-San Andres Pool to exclude therefrom:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 16: SW/4

said acreage being included in the creation of the Boughjink-San Andres Gas Pool in Paragraph (a) above.

(i) EXTEND the Artesia (Queen-Grayburg-San Andres) Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 25: SE/4 SE/4

(j) EXTEND the North Bagley-Lower Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: NE/4

(k) EXTEND the North Benson Queen-Grayburg Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: W/2 NE/4 and NW/4 SE/4

(l) EXTEND the Bough-San Andres Gas Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 13: SE/4
SECTION 24: NE/4

(m) EXTEND the Bronco-Wolfcamp Pool to include therein:

TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM
SECTION 35: SE/4

(n) EXTEND the Double X-Delaware Pool to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
SECTION 22: NW/4

(o) EXTEND the Flying "M"-San Andres Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: NE/4

(p) EXTEND the North Hackberry-Yates Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
SECTION 24: S/2 NE/4

(q) EXTEND the West Henshaw-Grayburg Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 6

- 4 - February, 1965 Regular Hearing

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

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
SECTION 4: All
SECTION 5: All

(s) EXTEND the Jalmat Gas Pool to include therein:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM
SECTION 15: SW/4
SECTION 16: S/2

(t) EXTEND the Justis-Paddock Pool to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 26: SE/4

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

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM
SECTION 19: SE/4 SE/4
SECTION 20: SW/4 SW/4

(v) EXTEND the Lusk-Morrow Gas Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 24: All
SECTION 25: All

(w) EXTEND the Lusk-Strawn Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 23: N/2
SECTION 24: N/2

(x) EXTEND the Midway-Abo Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
SECTION 8: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 29: NE/4
SECTION 31: NE/4

(z) EXTEND the Morton-Pennsylvanian Pool to include therein:

TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
SECTION 12: NE/4

(aa) EXTEND the Pearl-Queen Pool to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: N/2 NW/4

(bb) EXTEND the South Prairie-San Andres Pool to include therein:

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TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 16: SW/4

(cc) EXTEND the Shugart (Yates Seven Rivers-Queen-Grayburg) Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 27: SE/4 NW/4 and NE/4 SW/4

(dd) EXTEND the Tobac-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: SE/4

(ee) EXTEND the Vacuum-Glorieta Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 26: SW/4

(ff) EXTEND the East Weir-Blinebry Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 12: SE/4

(gg) EXTEND the Wilson (Yates-Seven Rivers) Pool to include therein:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4 and W/2 SE/4

(hh) EXTEND the Young-Queen Pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
SECTION 21: W/2 SW/4

NOMENCLATURE ADVERTISEMENT FOR FEBRUARY, 1965

CASE 3209

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 Chaves, Eddy, and Lea Counties, New Mexico, the deletion of a certain existing pool in Lea County, New Mexico, the redesignation of a certain existing pool in Lea County, New Mexico, and extensions of certain existing pools in Chaves, Eddy, Lea, and Roosevelt 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, deletions, redesignations, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for San Andres production, designated as the Boughjink-San Andres Gas Pool, and described as:

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 16: S/2

b) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, designated as the Bunker Hill-Queen Pool, and described as:

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM
SECTION 13: NW/4 SW/4

c) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Upper Pennsylvanian production, designated as the Dagger Draw-Upper Pennsylvanian Pool, and described as:

✓ TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 31: NW/4

d) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Queen production, designated as the Empire-Queen Pool, and described as:

✓ TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM
SECTION 36: SW/4 SW/4

e) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Upper Pennsylvanian production, designated as the Parrish Ranch-Upper Pennsylvanian Pool, and described as:

✓ TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMPM
SECTION 24: NE/4

f) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Twin Lakes-San Andres Pool, and described as:

✓ TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMPM
SECTION 1: NW/4 NW/4

g) ~~REDESIGNATE the Morton Permian-Pennsylvanian Pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, to the Morton Pennsylvanian Pool in order to correct geologic nomenclature.~~

to include only the Pennsylvanian formation

Pool pool as

-2- February, 1965 Nomenclature

Contract

- h) ~~DELETE~~ the Jenkins-San Andres Pool in Lea County, New Mexico, ~~described~~ *to exclude*
~~as: more from:~~

- Said acreage being included in the creation of the Bough-San Andres Gas Pool in Paragraph (a) above.*
- i) EXTEND the Artesia-Grayburg-Queen-San Andres Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 25: SE/4 SE/4

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

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 9: NE/4

- k) EXTEND the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: W/2 NE/4 and NW/4 SE/4

- l) EXTEND the Bough-San Andres Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 13: SE/4
SECTION 24: NE/4

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

✓ TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMPM
SECTION 35: SE/4

- n) EXTEND the Double X-Delaware Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
SECTION 22: NW/4

- o) EXTEND the Flying "N"-San Andres Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: NE/4

- p) EXTEND the North Hackberry-Yates Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM
SECTION 24: S/2 NE/4

-3- February, 1965 Nomenclature

q) EXTEND the West Henshaw-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 6

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

✓ TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
SECTION 4: All
SECTION 5: All

s) EXTEND the Jalmat Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM
SECTION 15: SW/4
SECTION 16: S/2

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

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 26: SE/4

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

✓ TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM
SECTION 19: SE/4 SE/4
SECTION 20: SW/4 SW/4

v) EXTEND the Lusk-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 24: All
SECTION 25: All

w) EXTEND the Lusk-Strawn Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 23: N/2
SECTION 24: N/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
SECTION 8: SE/4

y) EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM
SECTION 29: NE/4
SECTION 31: NE/4

-4- February, 1965 Nomenclature

z) EXTEND the Morton-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 34 EAST, NMPM
SECTION 12: NE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: N/2 NW/4

bb) EXTEND the South Prairie-San Andres Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 16: SW/4

cc) EXTEND the Shugart-^{Seven Rivers} ~~Yates-Queen-Grayburg~~ ~~Seven Rivers~~ Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
SECTION 27: SE/4 NW/4 and NE/4 SW/4

dd) EXTEND the Tobac-Pennsylvanian Pool in ^{Chaves} ~~Roosevelt~~ County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM
SECTION 17: SE/4

ee) EXTEND the Vacuum-Glorieta Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 26: SW/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 12: SE/4

gg) EXTEND the Wilson-^(Yates-Seven Rivers) Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SW/4 and W/2 SE/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM
SECTION 21: W/2 SW/4

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. 3209
Order No. R-2870

THE APPLICATION OF THE OIL
CONSERVATION COMMISSION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, DELETING, CONTRACTING
VERTICAL LIMITS, AND EXTENDING
CERTAIN POOLS IN GRAVES, EDDY,
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 February 17, 1965, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 24th day of February, 1965, 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 gas from the San Andres formation, said pool to bear the designation of Boughjink-San Andres Gas Pool. Said Boughjink-San Andres Gas Pool was discovered by Lone Star Producing Company, State-King No. 1, located in Unit N of Section 16, Township 9 South, Range 25 East, N24W. It was completed in San Andres on November 18, 1952. The top of perforations is 4740 feet.

(3) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of Bunker Hill-Queen Pool. Said Bunker Hill-Queen Pool was discovered by Charles H. Sand, Santa Fe No. 1, located in Unit 1 of Section 11, Township 16 South, Range 31 East, N24W. It was completed in Queen on November 19, 1954. The top of perforations is 3603 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Upper Pennsylvanian formation, said pool to bear the designation of Wigger Draw-Upper Pennsylvanian Pool. Said Wigger Draw-Upper Pennsylvanian Pool was discovered by Monsanto Company, Mondo No. 1, located in Unit C of Section 11, Township 19 South, Range 25 East, T24W. It was completed in Upper Pennsylvanian on November 17, 1954. The top of perforations is 4735 feet.

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(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Queen formation, said pool to bear the designation of Empire-Queen Pool. Said Empire-Queen Pool was discovered by J. E. Bedingfield, State No. 6, located in Unit M of Section 36, Township 17 South, Range 27 East, NMEP. It was completed in Queen on June 15, 1963. The top of perforations is 1282 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Upper Pennsylvanian formation, said pool to bear the designation of Parrish Ranch-Upper Pennsylvanian Pool. Said Parrish Ranch-Upper Pennsylvanian Pool was discovered by The Atlantic Refining Company, Cone Federal No. 1, located in Unit A of Section 24, Township 19 South, Range 24 East, NMEP. It was completed in Upper Pennsylvanian on November 8, 1964. The top of perforations is 7744 feet.

(7) That there is need for the creation of a new pool in Chaves County, New Mexico for the production of oil from the San Andres formation, said pool to bear the designation of Twin Lakes-San Andres Pool. Said Twin Lakes-San Andres Pool was discovered by Socony Mobil Oil Company, Inc., C. L. O'Brien C No. 2, located in Unit D of Section 1, Township 9 South, Range 28 East, NMEP. It was completed in San Andres on December 10, 1964. The top of perforations is 2569 feet.

(8) That there is need for the contraction of the vertical limits of the Morton-Permian Pennsylvanian Pool in Lea County, New Mexico, to include only the Pennsylvanian formation and to redesignate the Morton-Permian Pennsylvanian Pool as the Morton-Pennsylvanian Pool.

(9) That there is need for the contraction of the Jenkins-San Andres Pool, Lea County, New Mexico, by the deletion of certain acreage from the pool; the deleted acreage to be included in the Boughjink-San Andres Gas Pool.

(10) That there is need for certain extensions to the Linda-San Andres Pool and the Tobac-Pennsylvanian Pool, both in Chaves County, New Mexico, the Artesia (Queen-Grayburg-San Andres) Pool, the North Benson Queen-Grayburg Pool, the North Hackberry-Yates Pool, the West Henshaw-Grayburg Pool, the Indian Basin-Upper Pennsylvanian Gas Pool, the Lusk-Morrow Gas Pool, the Lusk-Strawn Pool, and the Shugart (Yates-Seven Rivers-Queen-Grayburg) Pool, all in Eddy County, New Mexico, the Milnesand-San Andres Pool and the South Prairie-San Andres Pool, both in Roosevelt County, New Mexico, the North Bagley-Lower Pennsylvanian Pool, the Bough-San Andres Gas Pool, the Bronco-Wolfcamp Pool, the Double (Delaware) Pool, the Flying "M"-San Andres Pool, the Joliet Gas Pool, the Justin-Ladlock Pool, the Midway-San Andres Pool, the Morton-Pennsylvanian Pool, the Teerl-Queen Pool, the Vachon-Sheridan Pool, the East Blair-Blinabry Pool, the Wilson Yates-Seven Rivers Pool, and the Young-Queen Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for San Andres production, is hereby created and designated as the Boughjink-San Andres Gas Pool, consisting of the following described area:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMEP
SECTION 16: S/2

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

TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMEP
SECTION 13: NW/4 SW/4

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMEP
SECTION 31: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMEP
SECTION 36: SW/4 SW/4

(e) That a new pool in Eddy County, New Mexico, classified as an oil pool for Upper Pennsylvanian production, is hereby created and designated as the Parrish Ranch-Upper Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 24 EAST, NMEP
SECTION 24: NE/4

(f) That a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, is hereby created and designated as the Twin Lakes-San Andres Pool, consisting of the following described area:

TOWNSHIP 9 SOUTH, RANGE 28 EAST, NMEP
SECTION 1: NW/4 NW/4

(g) Contract the vertical limits of the Morton-Permo Pennsylvanian Pool in Lea County, New Mexico, to include only the Pennsylvanian formation and redesignate said pool as the Morton-Pennsylvanian Pool.

(h) That the Jenkins-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMEP
SECTION 18: SW/4

(i) That the article Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMEP
SECTION 23: SW/4 SW/4

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(j) 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, NMEM
SECTION 9: NE/4

(k) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMEM
SECTION 27: W/2 NE/4 and NW/4 SE/4

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMEM
SECTION 13: SE/4
SECTION 24: NE/4

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

TOWNSHIP 12 SOUTH, RANGE 38 EAST, NMEM
SECTION 35: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMEM
SECTION 22: NW/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMEM
SECTION 17: NE/4 and S/2 NW/4

(p) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMEM
SECTION 24: S/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMEM
SECTION 3: lot 5

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(r) 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 24 EAST, NMEB
SECTION 4: All
SECTION 5: All

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

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMEB
SECTION 15: W/2
SECTION 16: S/2, S/2 NW/4, and NE/4
SECTION 21: NE/4

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMEB
SECTION 31: Lot 3 and NE/4 NW/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMEB
SECTION 26: SE/4

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

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMEB
SECTION 19: SE/4 SE/4
SECTION 20: SW/4 SW/4

(v) That the Lusk-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMEB
SECTION 14: All
SECTION 25: All

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMEB
SECTION 13: S/2
SECTION 23: S/2
SECTION 24: W/2

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

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMEB
SECTION 8: SE/4

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(y) 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 35 EAST, N44E
SECTION 20: SW/4
SECTION 29: NE/4
SECTION 31: NE/4

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

TOWNSHIP 15 SOUTH, RANGE 34 EAST, N44E
SECTION 12: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, N44E
SECTION 25: N/2 NW/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, N44E
SECTION 16: SW/4

(cc) That the Shugart (Yates-Seven Rivers-Queen-Grayburg) Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, N44E
SECTION 27: SE/4 NW/4 and NE/4 SW/4

(dd) 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, N44E
SECTION 16: W/2 SW/4
SECTION 17: S/2
SECTION 20: N/2 NW/4
SECTION 21: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, N44E
SECTION 26: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMM
SECTION 12: S₂/4

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMM
SECTION 25: S₂/4 and 1/2 S₂/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMM
SECTION 21: 1/2 S₂/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, deletions, contractions of vertical limits, and extensions included herein shall be March 1, 1965.

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

Guyton B. Hays
GUYTON B. HAYS, Member

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

