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E. S. JOHNNY WALKER
MEMBER

1963 JUN 18 AM 8 10

June 18, 1963

Mr. Nutter
Chief Engineer
New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Re: Nomenclature

Dear Dan:

Currently, there is one Grayburg gas well and one Queen Grayburg gas well being produced within the horizontal limits of the East Red Lake-Queen Pool, see attached tickets for well descriptions. I had thought that the proposed consolidation of the Red Lake, East Red Lake-Queen, Vandagriff-Keyes Gas and West Cave-San Andres Pool would take care of these two wells. Now, however, since the consolidation is not going through it would seem that the best way to handle this would be to extend the vertical limits of the East Red Lake-Queen Pool to include the Grayburg Formation. If you agree, please give this letter to whoever prepares the nomenclature advertisements and ask them to add it to the July 17th hearing docket. If you need more information please let me know.

Very truly yours,

OIL CONSERVATION COMMISSION

R. L. Stamets
Geologist

RLS/jw

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

GAS NOMINATION ANALYSIS FOR JULY, 1963

<u>Southeast</u>	<u>July, 1963</u>	<u>% Change from July, 1962</u>
Bagley, Lower	73,800	- 32.9
Bagley, Upper	53,700	- .2
Blinebry	1,411,100	- 27.7
Crosby-Devonian	434,300	- 6.6
Eumont	3,880,600	- 14.0
Jalmat	3,789,500	- 19.9
Justis	200,500	+ 4.9
Monument-McKee	127,900	- 16.1
Tubb	1,356,400	- 22.4
Atoka-Penn	<u>400,000</u>	<u>+ 73.9</u>
Total	11,727,800	- 17.1
<u>Northwest</u>		
Blanco-MV	8,378,900	- 13.4
Basin-DK	7,025,000	- 14.9
Aztec-PC	604,000	- 31.1
Ballard-PC	669,300	- 29.6
So. Blanco-PC	2,466,900	- 18.6
Fulcher Kutz-PC	290,000	- 18.1
Tapacito-PC	499,400	+ 22.2
West Kutz-PC	238,600	- 23.5
Devils Fork	146,800	- 21.1
D. F. Estimate	<u>164,791</u>	<u>+ 27.2</u>
Total	20,318,900	- 15.1
Total on D.F. Est	20,336,891	- 14.8
Both Areas	32,064,691	- 15.0

NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

PRELIMINARY GAS NOMINATION ANALYSIS FOR
PERIOD 8-1-63 thru 1-31-64

<u>Northwest</u>	<u>2nd Period 1963</u>	<u>% Change from 2nd Period 1962</u>
Blanco-MV	71,977,253	+ 6.3
Basin-DK	57,191,300	- 21.7
Aztec-PC	4,585,970	- 18.9
Ballard-PC	4,995,500	- 16.8
So. Blanco-PC	19,300,700	+ 2.6
Fulcher Kutz PC	2,351,900	- 10.0
Tapacito-PC	4,093,300	+ 10.0
West Kutz-PC	1,892,900	- 4.8
Devils Fork	<u>1,112,100</u>	<u>- 13.9</u>
Both Areas	167,500,923	- 7.1

NEW POOLS

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

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

Discovery well was Union Oil Company of California - State #1-17 located in Unit A Section 17 Township 14 Range 35 and was completed on April 16, 1963 ~~#####~~ Top of perforations is at 11,478 feet.

b) It is recommended that a new oil pool be created and designated as the HIGH PLAINS-PENNSYLVANIAN Pool.

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

Discovery well was Texas Crude Oil Co. and Sinclair Oil & Gas Co., State #1-23 located in Unit M Section 23 Township 14 Range 34 and was completed on April 10, 1963 ~~#####~~ Top of perforations is at 10,463 feet.

c) It is recommended that a new gas pool be created and designated as the HOPE-STRAWN GAS Pool.

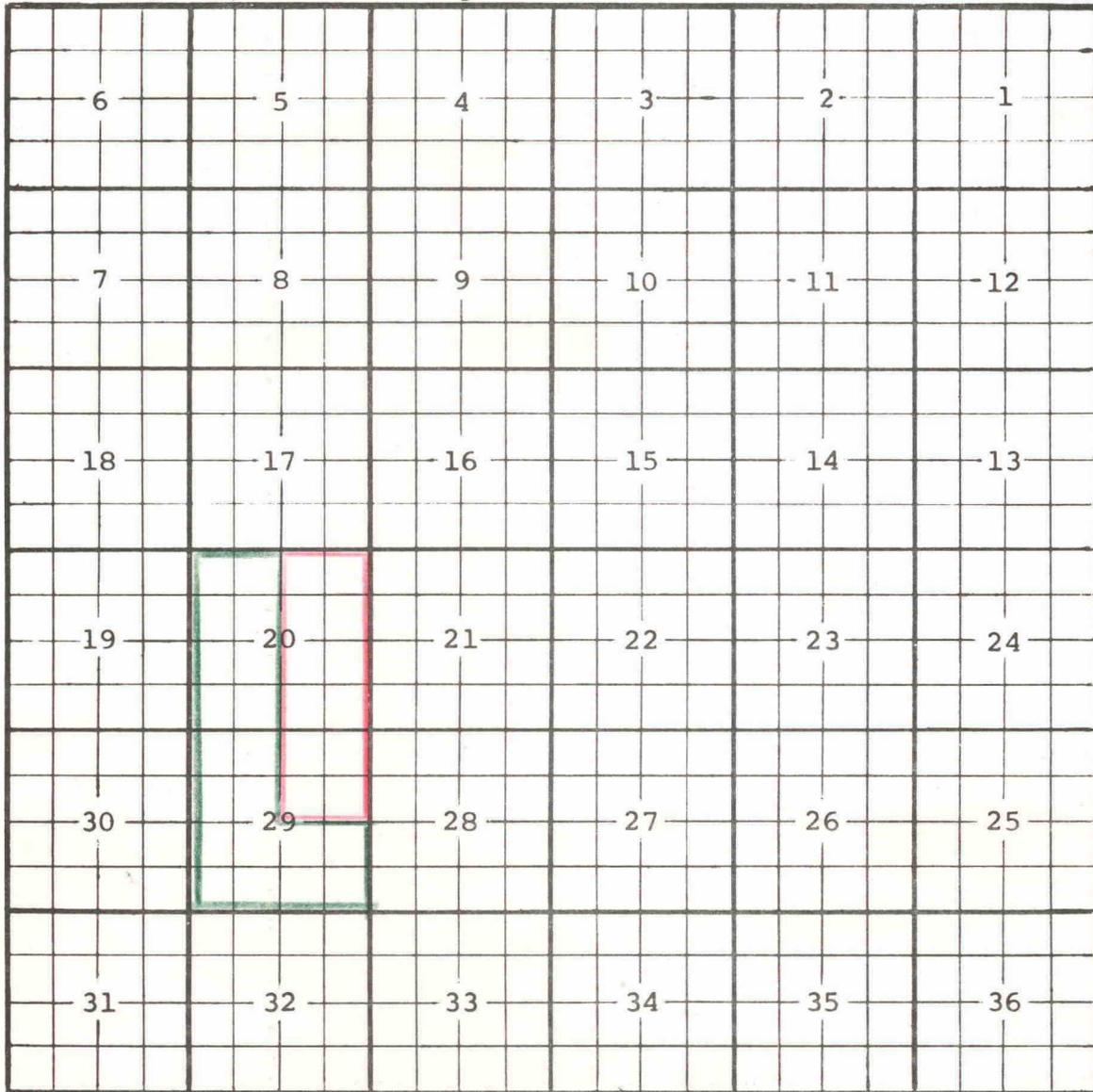
Vertical limits to be the Strawn formation and the horizontal limits should be as follows: as shown in paragraph (c), Exhibit I

Discovery well was Sunray DX Oil Company, New Mexico State AH #1 located in Unit K Section 30 Township 18 Range 23 and was completed on January 12, 1963 ~~#####~~ Top of perforations is at 7326 feet.

CASE 2832: (s) EXTENSION OF AN EXISTING GAS POOL

County Eddy Pool White-City--Pennsylvanian Gas

Township 24S Range 26E NMPM



Purpose: To extend the pool limits to conform with the proration units.

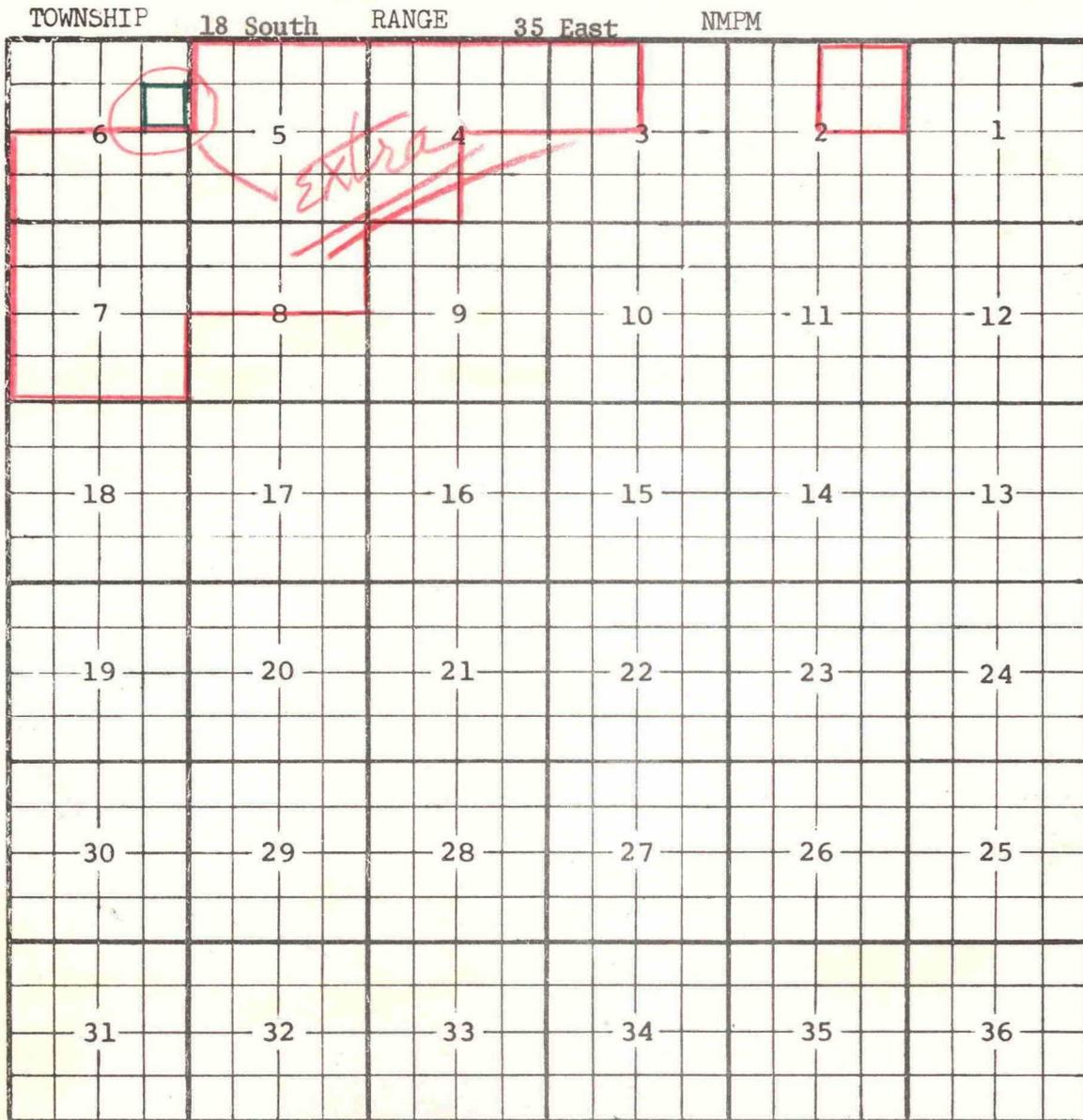
Pool boundary colored in red.

Proposed extensions colored in green. Section 20: W/2

Section 29: W/2 & SE/4

CASE 2832: (r) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VACUUM-ABO REEF



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

ADDITION--TEXACO, INC. - State of New Mexico "R" NCT-1 #6 in Unit H of Section 6-18-35. Completed in Abo on May 1, 1963. Top of Perforations 8554'.

Pool boundary colored in red.

Proposed pool extension colored in green. ADDITION-----SECTION 6: SE/4 NE/4

COUNTY	LEA	POOL	VACUUM-ABO REEF		
TOWNSHIP	18 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

gulf

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

HUMBLE OIL & REFINING COMPANY - New Mexico State BO #7 in Unit A of Section 12-18-34. Completed in Abo on April 17, 1963. Top of Perforations 8343'.

ADDITION--HUMBLE OIL & REFINING COMPANY - New Mexico State BO #8 in Unit B of Section 12-18-34. Completed in Abo on May 22, 1963. Top of Perforations 8453'.

ADDITION--TEXACO, INC. - State of New Mexico "AE" #6 in Unit L of Section 12-18-34. Completed in Abo on April 23, 1963. Top of Perforations 8701'.

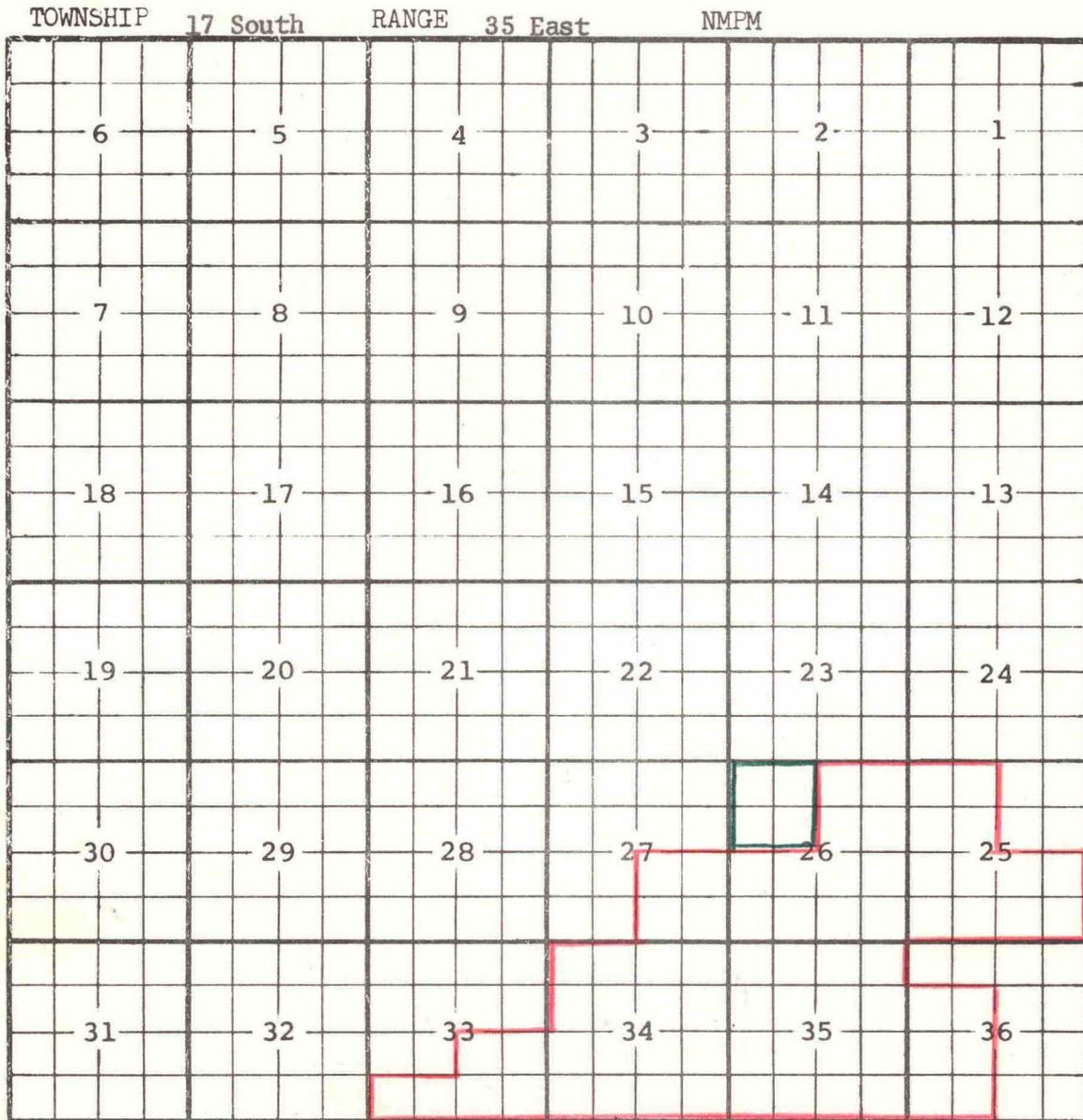
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 12: N/2 NE/4

ADDITION: SECTION 12: NW/4 SW/4

COUNTY LEA

POOL VACUUM-ABO REEF



PURPOSE: Two completed oil wells capable of producing.

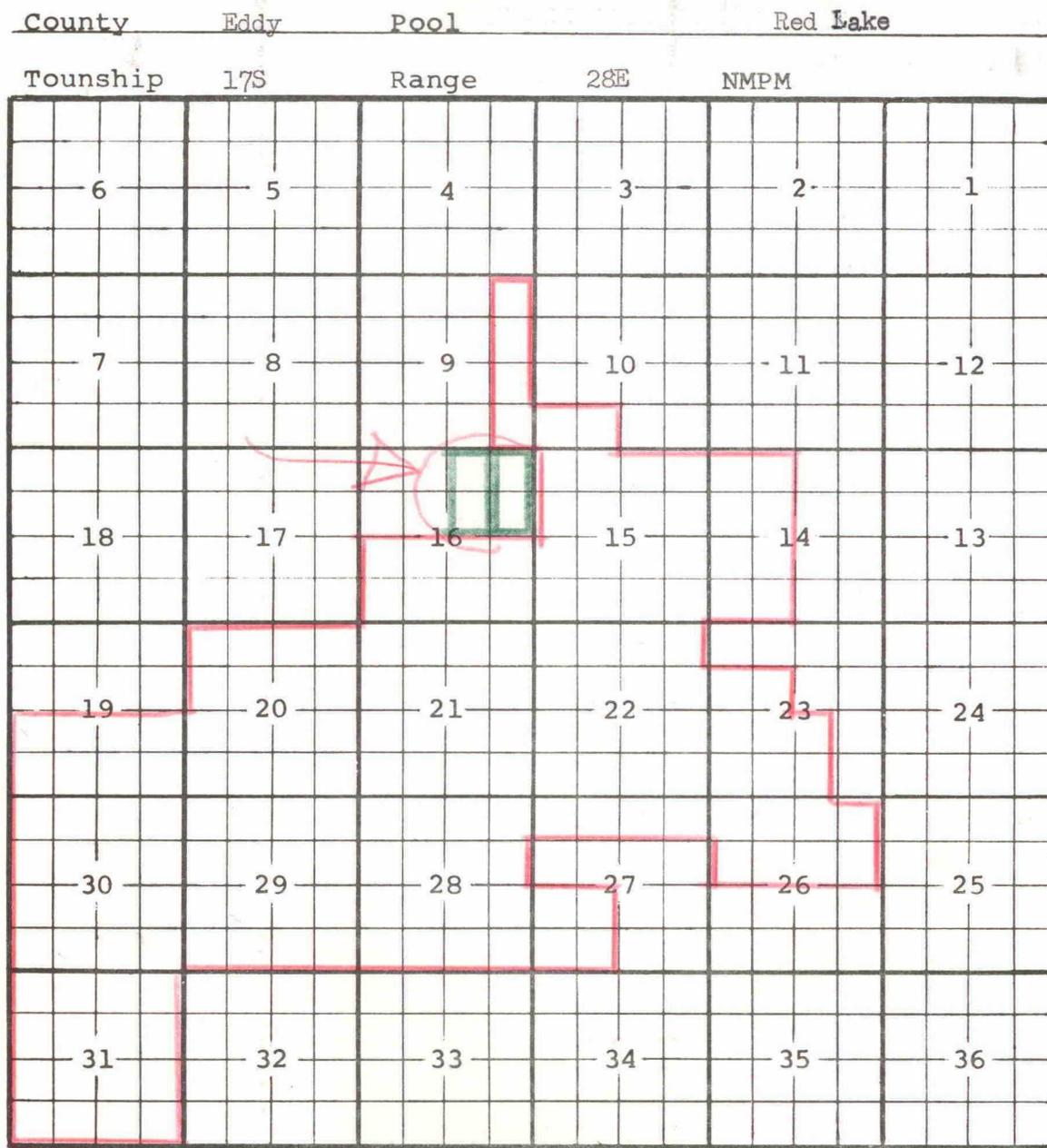
PHILLIPS PETROLEUM COMPANY - Santa Fe #76 in Unit F of Section 26-17-35.

Completed in Abo on April 4, 1963. Top of Perforations 8612'.

Pool boundary colored in red.

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

CASE 2832: (q) EXTENSION OF VERTICAL AND HORIZONTAL LIMITS OF AN EXISTING OIL POOL



Purpose: To extend the vertical limits of the Red Lake (G-SA) Pool to include the Queen Formation underlying unit-H of Section 9 and units E of Section 14 and 15 and one completed gas well capable of producing. Old wells completed in Queen & Grayburg Formations.

N. Gordon Phillips-Keyes St. Well No. 2 in unit H of Section 9-17-28. Completed September 1938 in openhole 1223' to 1724'. Top of Queen approx. 1145'.
Harold Kersey & E. A. Hanson-H & K Fed. Well No. 1 in unit E of Section 14-17-28. Completed 1-15-63 thru perforations 1674-88, 2020-24, & 2030-34. Top of Queen approx. 1464'.

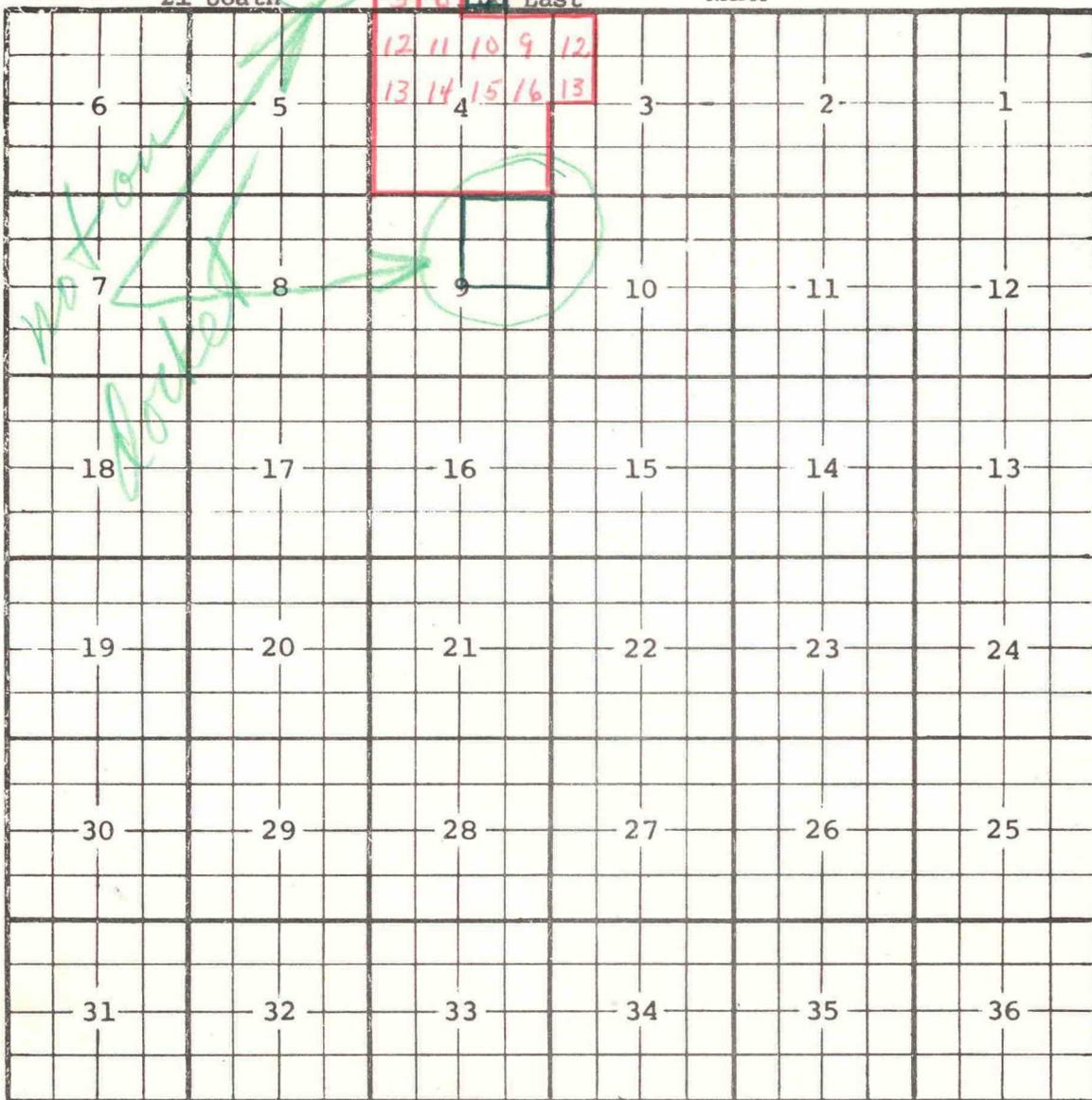
S. P. Yates--St. F Well No. 3 in unit E of Section 15-17-28. Completed 5-24-59 thru perforations 1434-44 & 1912-26. Top of Queen approx. 1196'.
Kincaid & Watson Drlg. Co.-Larson St. Well No. 1 in unit H of Sec. 16-17-28. Completed in Grayburg February 22, 1959. Top of perforations 1899'. A Gas well.

Pool boundary's colored in red.
Proposed extensions colored in green. Section 16: W/2 NE/4
 Addition Section 16: E/2 NE/4

CASE 2832: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL OIL CENTER-BLINEBRY

TOWNSHIP 21 South RANGE 3 East NMPM



PURPOSE: One completed oil well capable of producing.

CONTINENTAL OIL COMPANY - Meyer B-4 #20 in Unit G of Section 4-21-36. Completed in Blinebry on July 1, 1962. Top of Perforations 5900'.

ADDITION--GULF OIL CORPORATION - Heasley State #8 in Unit A of Section 5-21-36. Completed in Blinebry on May 6, 1963. Top of Perforations 5904'.

ADDITION--SINCLAIR OIL & GAS COMPANY - E. C. Adkins #11 in Unit A of Section 9-21-36. Completed in Blinebry on May 1, 1963. Top of Perforations 5945'.

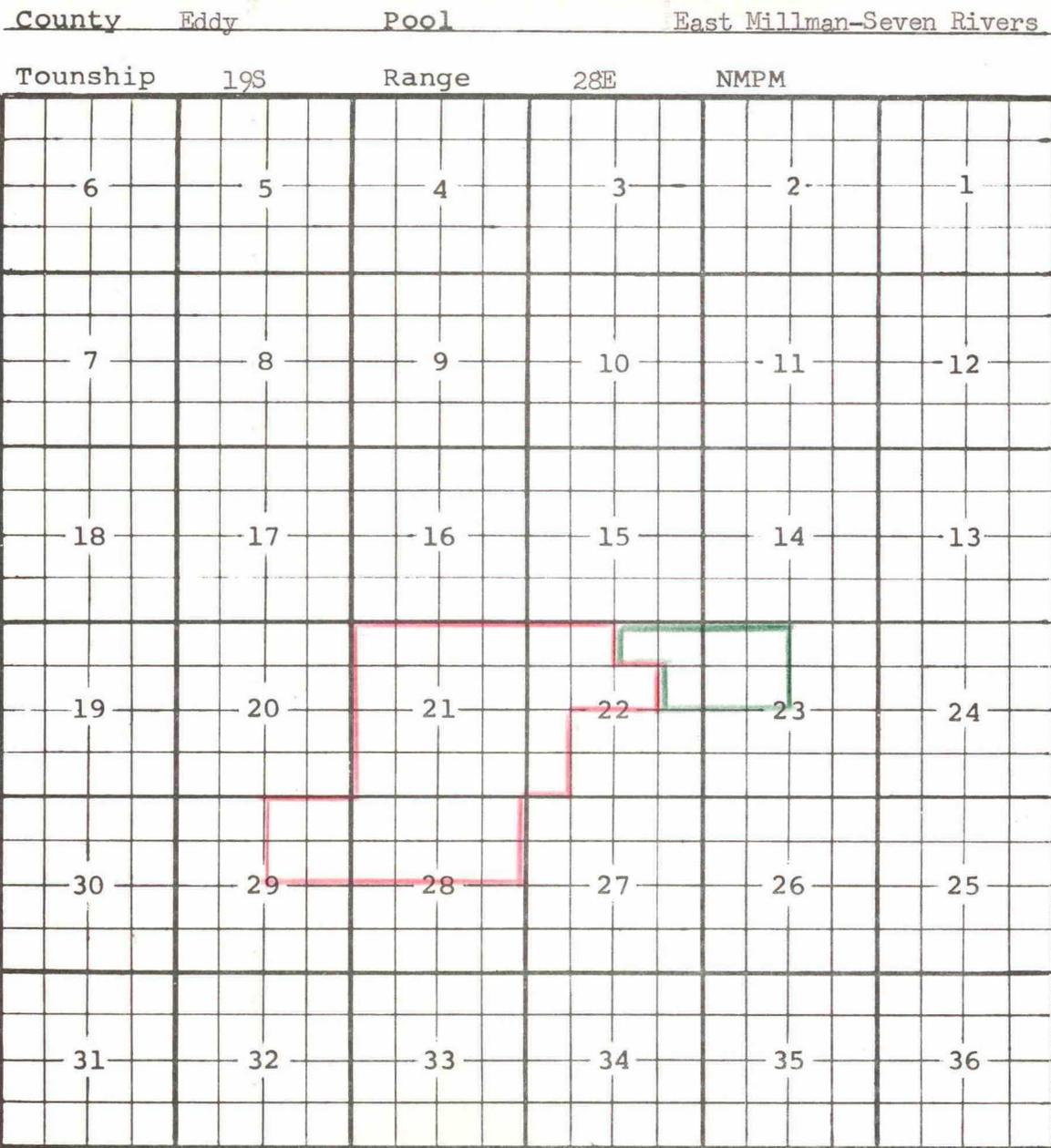
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 4: Lots 2 and 7

ADDITIONS-----SECTION 5: Lots 1 and 2

SECTION 9: NE/4

CASE 2832: (o) EXTENSION OF AN EXISTING OIL POOL



Purpose: One completed oil well capable of producing.

International-Yates--Malco St. Well No. 4 in unit D of Section 23-19-28.
 Completed in Seven Rivers April 21, 1963. Top of perforations 1127'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 22: SE/4, NE/4 & N/2 NE/4
 Section 23: NW/4

County	Eddy	Pool	East Millman-Queen-Grayburg			
Township	19S	Range	28E	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.
 R. D. Collier--State A Well No. 1 in unit F of Section 24-19-28.
 Completed in Queen-Grayburg February 7, 1963. Top of perforations 2129'.

Pool boundary colored in red.
 Proposed extension colored in green. Section 24th NW/4

CASE 2832: (n) EXTENSION OF AN EXISTING OIL POOL (Continued)

County Eddy Pool East Millman-Queen-Grayburg

Township 19S Range 29E 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: As stated on page one of this exhibit.

Ralph Nix & Jerry Curtis--Nix State A Well No. 1 in unit K of Section 6-19-29.
 Completed in Queen March 22, 1963. Top of perforations 1924'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 6: SW/4
 Section 7: NW/4 & N/2 SW/4

CASE 2832: (m) EXTENSION OF AN EXISTING OIL POOL

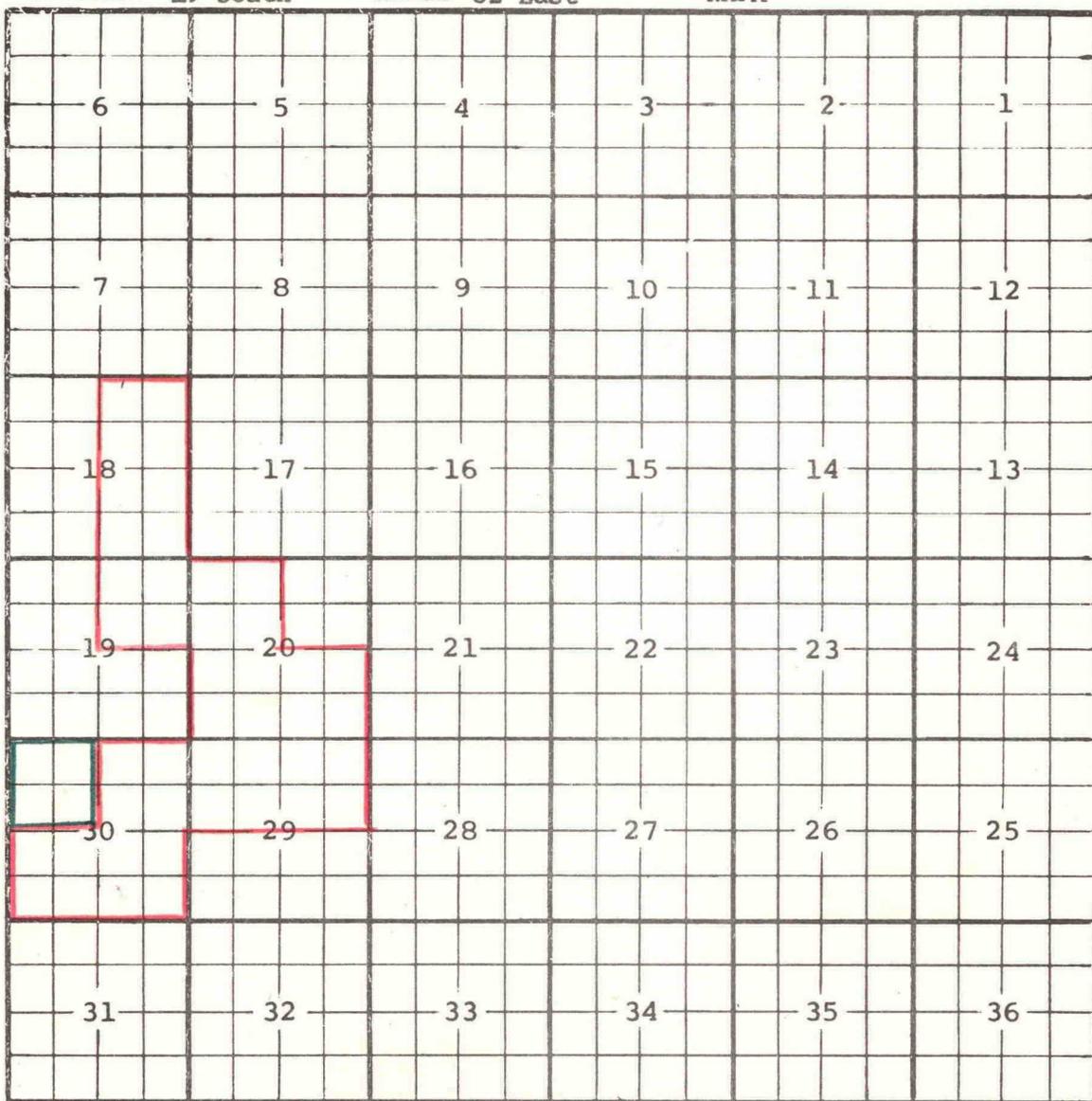
COUNTY LEA

POOL LUSK-STRAWN

TOWNSHIP 19 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

DELHI-TAYLOR OIL CORPORATION - Federal #1 in Unit C of Section 30-19-32.

Completed in Strawn on March 30, 1963. Top of Perforations 11,226'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 30: NW/4

CASE 2832: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

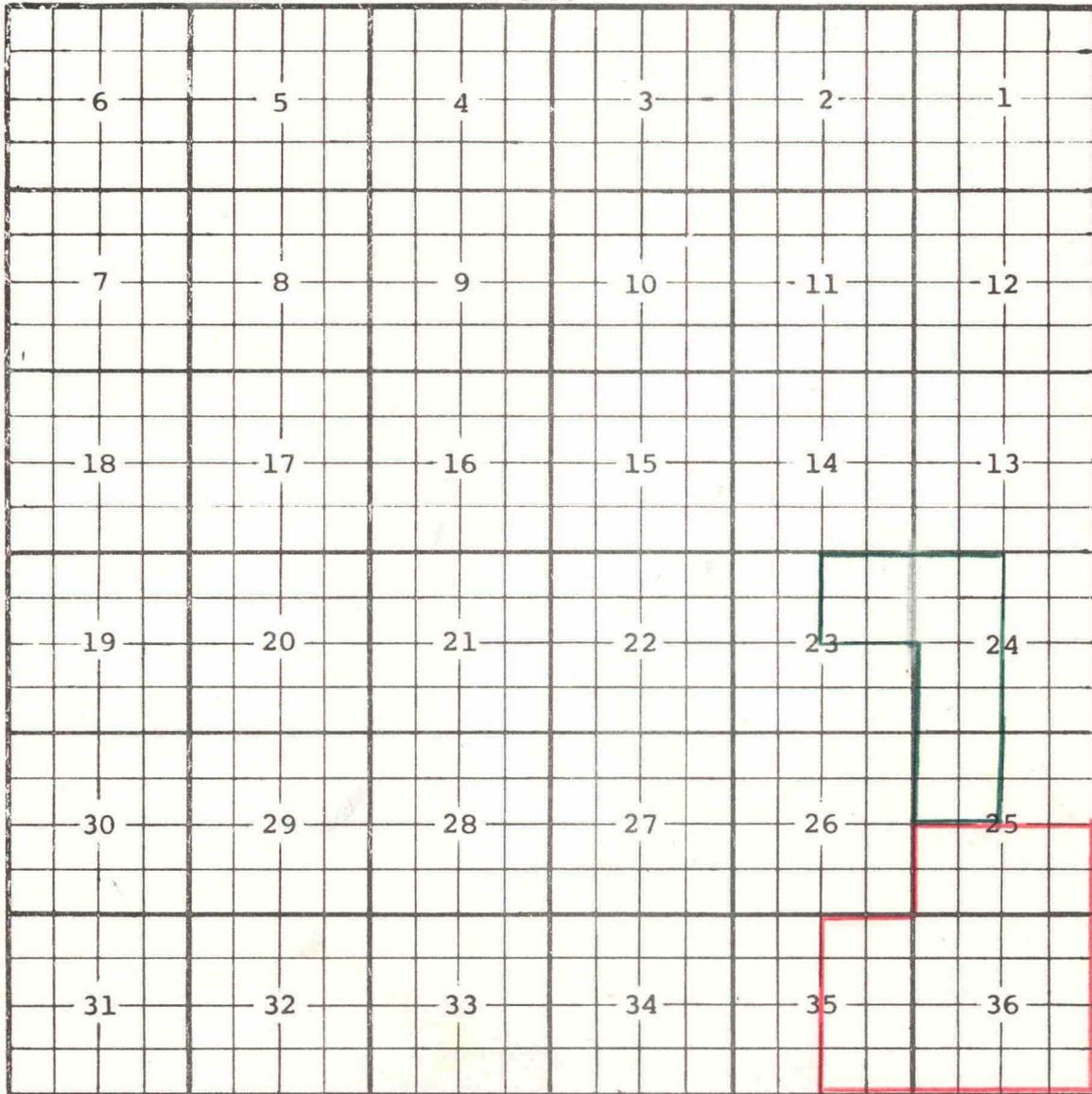
POOL LANE-PENNSYLVANIAN

TOWNSHIP

9 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

SAM BOREN = Robinson #1 in Unit H of Section 23-9-33. Completed in Bough

C on April 3, 1963. Top of Perforations 9644'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 23: NE/4

SECTION 24: W/2

SECTION 25: NW/4

CASE 2832: (k) EXTENSION OF AN EXISTING OIL POOL

County Eddy Pool Jackson-Abo

Township 17S 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.

Robert G. Hanagan--Graridge Fed. No. 1 in unit J of section 22-17-30.

Completed in Abo April 6, 1963.

Top of perforations 6964'.

Pool boundary colored in red.

Proposed extension colored in green. Section 22: NW/4 SE/4

CASE 2832: (j) 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.

Texaco Inc.--L.R.Manning #3 in unit--P of Section 28-18-30.

Completed in Queen-Grayburg April 15, 1963, Top of perforations 2806'

Pool boundary colored in red.

Proposed extension colored in green. Section 28: S/2 SE/4

CASE 2832: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL PEARL-QUEEN

TOWNSHIP 19 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: To take in area of abolished West Pearl-Queen Pool because of contiguous pool boundaries.

Pool boundary colored in red.

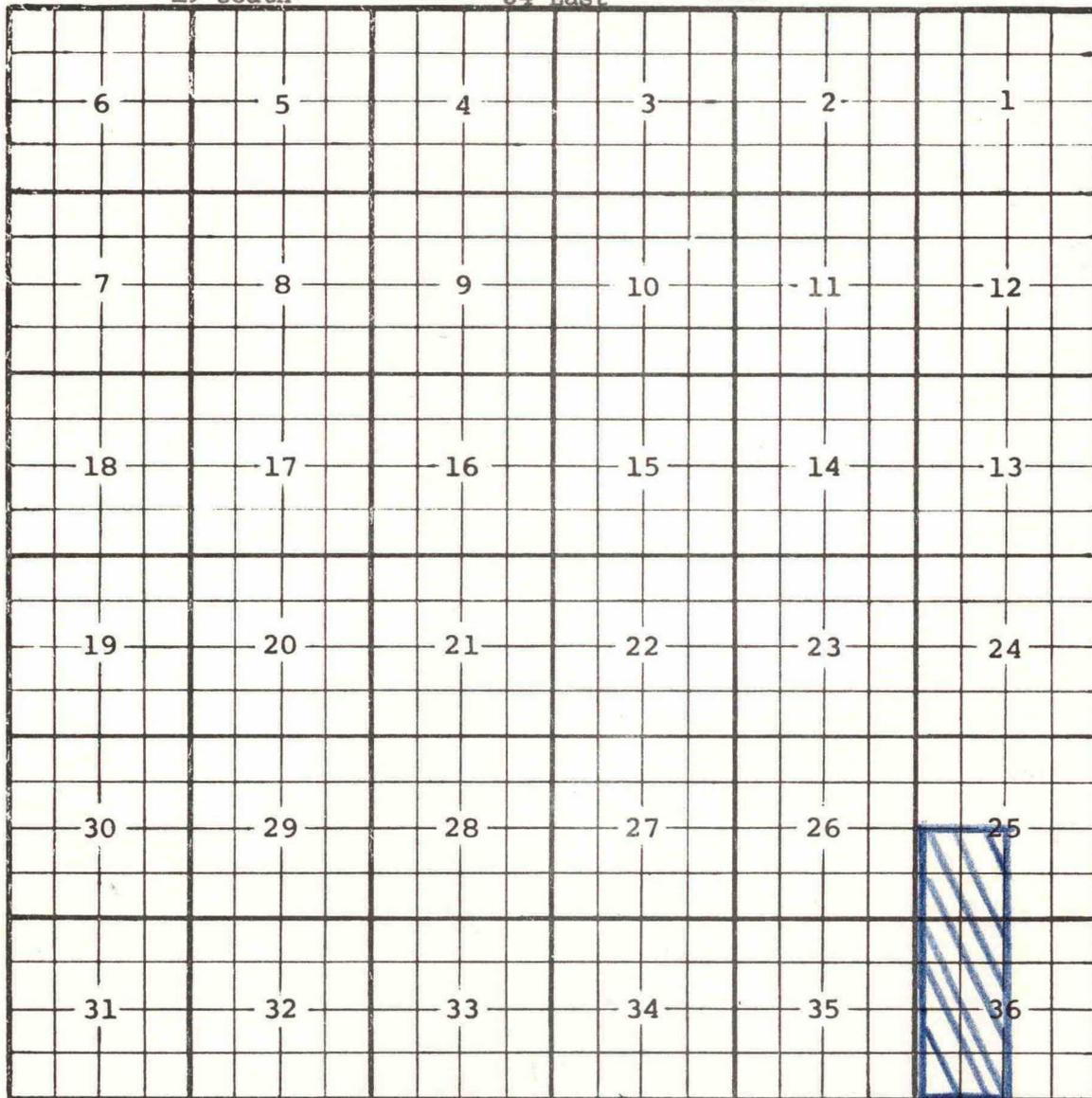
Proposed extensions colored in green. SECTION 25: SW/4

SECTION 36: W/2

CASE 2832: (g) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY LEA POOL WEST PEARL-QUEEN

TOWNSHIP 19 South RANGE 34 East NMPM



PURPOSE: To consolidate two pools producing from the same reservoir whose pool boundaries are contiguous.

Proposed abolishment colored in blue. SECTION 25: SW/4

SECTION 36: W/2

CASE 2832: (f) CREATION OF A NEW OIL POOL

COUNTY ROOSEVELT POOL WEST MILNESAND-SAN ANDRES

TOWNSHIP 8 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.

CACTUS DRILLING COMPANY - Bolles #1 in Unit H of Section 20-8-34. Completed in San Andres on April 22, 1963. Top of Perforations 4554'.

Proposed pool boundary colored in red. SECTION 20: NE/4

CASE 2832: (e) CREATION OF A NEW OIL POOL

COUNTY LEA

POOL VACUUM-PENNSYLVANIAN

TOWNSHIP 17 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.

SOCONY MOBIL OIL COMPANY, INC. - State Bridges #96 in Unit H of Section 26-17-34. Completed in Pennsylvanian on March 3, 1963. Top of Perforations 11,372'.

Proposed pool boundary colored in red. SECTION 26: NE/4

CASE 2832: (d) CREATION OF A NEW OIL POOL

COUNTY LEA

POOL NORTH JUSTIS-GLORIETA

TOWNSHIP

25 South

RANGE

37 East

NMPM

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

PURPOSE: One completed oil well capable of producing.

WESTATES PETROLEUM COMPANY - Carlson B-1 #2 in Unit E of Section 1-25-37.

Completed in Glorieta on March 13, 1963. Top of Perforations 4900'.

Proposed pool boundary colored in red. SECTION 1: NW/4

CASE 2832: (c) CREATION OF A NEW GAS POOL

County Eddy Pool Hope-Strawn Gas

Township 18S Range 23E 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 gas well capable of producing.

Discovery Well: Sunray DX Oil Co.--N.M. St. "AH" #1 in unit--K
of Section 30-18-23. Completed in Strawn January 12, 1963

Top of perforations 7326'

Proposed pool boundary colored in green. Section 30: All

CASE 2832: (b) CREATION OF A NEW OIL POOL

COUNTY LEA POOL HIGH PLAINS-PENNSYLVANIAN

TOWNSHIP 14 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.

TEXAS CRUDE OIL COMPANY and SINCLAIR OIL & GAS COMPANY - State #1-23 in Unit M of Section 23-14-34. Completed in Pennsylvanian on April 10, 1963. Top of Perforations 10,463'.

Proposed pool boundary colored in red. SECTION 23: SW/4

COUNTY LEA

POOL ESTACADO-PENNSYLVANIAN

TOWNSHIP 14 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: One completed oil well capable of producing.

UNION OIL COMPANY OF CALIFORNIA - State No. 1-17 in Unit A of Section 17-14-35. Completed in Pennsylvanian on April 16, 1963. Top of Perforations 11,478'.

Proposed pool boundary colored in red. SECTION 17: NE/4