

CASE 2957: SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

CASE No.  
2957

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. 2937  
Order No. R-2620

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING VERTICAL  
AND HORIZONTAL LIMITS OF  
CERTAIN POOLS IN CHAVES, 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 December 18, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 23rd day of December, 1963, 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 Pennsylvanian formation, said pool to bear the designation of East Buffalo-Pennsylvanian Gas Pool. Said East Buffalo-Pennsylvanian Gas Pool was discovered by Pan American Petroleum Corporation, Buffalo Unit No. 5, located in Unit F of Section 2, Township 19 South, Range 33 East, NMPM. It was completed in Morrow on December 7, 1962. The top of perforations is 13,110 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 Strawn formation, said pool to bear the designation of Fenton Draw-Strawn Pool. Said Fenton Draw-Strawn Pool was discovered by Pan American Petroleum Corporation, Big Eddy Unit No. 2, located in Unit P of Section 19, Township 21 South, Range 28 East, NMPM. It was completed in Strawn on April 24, 1963. The top of perforations is 10,707 feet.
- (4) 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 Linda-San Andres pool. Said Linda-San Andres pool was discovered by H. A. Barnett, Federal No. 1, located in Unit H of Section 33, Township 6 South, Range 26 East, NMM. It was completed in San Andres on April 8, 1963. The top of perforations is 1,023 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation of South Red Lake-Seven Rivers Pool. Said South Red Lake-Seven Rivers Pool was discovered by Cima Capitan, Inc., Red Lake, State No. 10, located in Unit F of Section 22, Township 17 South, Range 28 East, NMM. It was completed in Seven Rivers on September 10, 1963. The top of perforations is 770 feet.

(6) That there is need for the extension of the vertical limits of the EK-Queen Pool in Lea County, New Mexico, to include the Yates and Seven Rivers formations and change the pool name to the EK Yates-Seven Rivers-Queen Pool.

(7) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Henshaw-Wolfcamp Pool, and the North Square Lake Grayburg-San Andres Pool, all in Eddy County, New Mexico, the Milnesand-San Andres Pool in Roosevelt County, New Mexico, the Buffalo-Pennsylvanian Gas Pool, the Fowler-Blinbry Pool, the Justis-Blinbry Pool, the North Justis-Blinbry Pool, the Middle Lane-Pennsylvanian Pool, the Mesa-Queen Pool, the South Tonto-Yates Pool, the Vacuum-Glorieta Pool, and the Wantz-Granite Wash 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 Pennsylvanian production, is hereby created and designated as the East Buffalo-Pennsylvanian Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMM  
SECTION 2: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMM  
SECTION 19: SE/4

(c) 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 Linda-San Andres Pool, consisting of the following described area:

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMM  
SECTION 33: SW/4 and S/2 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMM  
SECTION 22: NW/4

(e) 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, NMM  
SECTION 27: N/2 SW/4  
SECTION 28: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMM  
SECTION 4: NW/4  
SECTION 5: E/2

(g) That the vertical limits of the EK-Queen Pool in Lea County, New Mexico, are hereby extended to include the Yates and Seven Rivers formations and that the pool name be changed to the EK Yates-Seven Rivers-Queen Pool.

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMM  
SECTION 15: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMM  
SECTION 23: E/2 SW/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMM  
SECTION 11: S/2 SE/4

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMM  
SECTION 34: E/2 SE/4

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMM  
SECTION 11: N/2 N/2

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

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMM  
SECTION 14: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMM  
SECTION 17: SE/4

CASH NO. 2957  
Order No. R-2620

(n) 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, N4M  
SECTION 12: NW/4  
SECTION 25: NE/4 NE/4

TOWNSHIP 8 SOUTH, RANGE 35 EAST, N4M  
SECTION 6: NE/4  
SECTION 19: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 31 EAST, N4M  
SECTION 6: Lots 9 and 10

(p) That the South Tonto-Yatas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, N4M  
SECTION 19: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, N4M  
SECTION 24: SW/4  
SECTION 25: NW/4 and SE/4  
SECTION 36: NE/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST, N4M  
SECTION 31: N/2

TOWNSHIP 18 SOUTH, RANGE 34 EAST, N4M  
SECTION 1: N/2

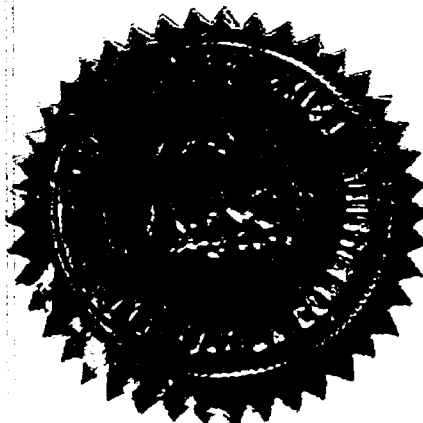
(r) That the Wantz-Granite Wash Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, N4M  
SECTION 2: SW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions of vertical and horizontal limits included herein shall be January 1, 1964.

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION  
*Jack H. Campbell*  
JACK H. CAMPBELL, Chairman  
*E. S. Walker*  
E. S. WALKER, Member  
*A. L. Porter, Jr.*  
A. L. PORTER, Jr., Member & Secretary

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

PRELIMINARY GAS NOMINATIONS FOR 1ST PERIOD, 1964

Northwest New Mexico

Blanco-Mesaverde	64,441,300
Basin-Dakota	64,413,850
Aztec Pictured Cliffs	4,171,300
Ballard Pictured Cliffs	4,534,600
South Blanco Pictured Cliffs	17,162,300
Fulcher Kutz Pictured Cliffs	1,969,400
Tapacito Pictured Cliffs	4,932,000
West Kutz Pictured Cliffs	1,826,500
Devils Fork	<u>1,504,100</u>
Total	164,955,350

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

GAS NOMINATIONS FOR JANUARY, 1964

<u>Southeast</u>	<u>January, 1964</u>
Bagley, Lower	74,100
Bagley, Upper	54,000
Blinebry	2,405,100
Crosby-Devonian	851,000
Eumont	6,575,000
Jalmat	7,531,700
Justis	410,300
Monument-McKee	201,100
Tubb	2,428,600
Atoka-Penn	295,000
TOTAL	20,825,900

<u>Northwest</u>	
Blanco Mesaverde	15,810,800
Basin Dakota	16,128,450
Aztec Pictured Cliffs	955,000
Ballard Pictured Cliffs	1,044,500
South Blanco Pictured Cliffs	3,881,400
Fulcher Kutz Pictured Cliffs	487,300
Tapacito Pictured Cliffs	1,178,500
West Kutz-Pictured Cliffs	426,600
Devils Fork	370,900
D. F. Estimate	164,218
TOTAL	40,283,450

Total on D. F. Est.	40,076,786
Both Areas	61,109,350



GAS PRODUCTION & NOMINATION ANALYSIS FOR FIRST 10 MONTHS 1963 VS. 10 MONTHS 1962

<u>PRORATED DRY GAS</u>	<u>Production</u>	<u>No. Wells</u>	<u>Ave. Well Prod.</u>	<u>Supp.Nom.</u>	<u>Ave. Well Nom.</u>
<u>Northwest New Mexico</u>					
1963	235,330,625	5,526	42,586	256,388,757	46,397
1962	223,402,869	5,193	43,020	247,243,202	47,610
Percent Change	+ 5.3	+ 6.4	- 1.1	+ 3.7	- 2.6
<u>Southeast New Mexico</u>					
1963	110,637,833	1,198	92,352	132,220,820	110,368
1962	115,485,180	1,188	97,209	150,856,000	126,983
Percent Change	- 4.2	+ 0.9	- 5.0	- 12.4	- 23.1
<u>Total Prorated Dry Gas</u>					
1963	345,968,458	6,724	51,453	388,609,577	57,794
1962	341,888,049	6,381	53,579	398,099,202	62,388
Percent Change	+ 1.1	+ 5.3	- 4.0	- 2.4	- 7.4
<u>NON-PRORATED DRY GAS</u>					
<u>Northwest New Mexico</u>					
1963	17,255,489	336	51,355		
1962	13,430,850	312	43,048		
Percent Change	+ 28.4	+ 7.6	+ 19.2		
<u>Southeast New Mexico</u>					
1963	24,216,909	206	117,558		
1962	19,833,563	164	120,936		
Percent Change	+ 22.1	+ 25.6	- 2.8		
<u>Total Non-Prorated Dry Gas</u>					
1963	41,476,479	544	76,244		
1962	33,266,413	476	69,887		
Percent Change	+ 24.6	+ 14.2	+ 9.0		

Exhibit B  
Gas Allowable  
Dec. Hearing

GAS PRODUCTION & NOMINATION ANALYSIS FOR FIRST 10 MONTHS 1963 VS. 10 Months 1962

	<u>Production</u>	<u>No. Wells</u>	<u>Ave. Well Prod.</u>	<u>Supp. Nom.</u>	<u>Well Nom.</u>
<u>TOTAL DRY GAS NEW MEXICO</u>					
1963	387,344,937	7,266	53,309		
1962	375,152,463	6,857	54,711		
Percent Change	+ 3.2	+ 5.9	- 3.6		
<u>CASINGHEAD GAS</u>					
<u>Northwest New Mexico</u>					
1963	21,502,730	1,862	11,548		
1962	30,838,334	1,751	17,612		
Percent Change	- 30.3	+ 6.3	- 34.5		
<u>Southeast New Mexico</u>					
1963	227,833,742	14,843	15,349		
1962	231,310,019	14,313	16,257		
Percent Change	- 1.6	+ 3.7	- 5.6		
<u>TOTAL CASINGHEAD GAS</u>					
1963	249,336,472	16,705	14,926		
1962	261,148,353	15,979	16,343		
Percent Change	4.6	+ 4.5	- 8.7		
<u>TOTAL ALL GAS NEW MEXICO</u>					
1963	636,681,409	23,973			
1962	635,270,818	22,863			
Percent Change	+ 0.2	+ 4.8			
<u>TOTAL NORTHWEST DRY GAS</u>					
1963	252,586,114	5,862	43,089		
1962	239,833,719	5,505	43,566		
Percent Change	+ 5.3	+ 6.4	- 1.1		
<u>TOTAL SOUTHEAST DRY GAS</u>					
1963	134,751,951	1,404	95,977		
1962	135,318,744	1,352	100,088		
Percent Change	- 1.5	+ 3.8	- 4.2		

NEW POOLS

- a) It is recommended that a new gas pool be created and designated as the EAST BUFFALO-PENNSYLVANIAN GAS 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 Pan American Petroleum Corporation - Buffalo Unit #5 located in Unit I Section 2 Township 19 Range 33 and was completed on December 7, 1962 with an initial potential of 88 BOPD/MCFPD. Top of perforations is at 13,110 feet.

- b) It is recommended that a new oil pool be created and designated as the FENTON DRAW-STRAWN Pool.

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

Discovery well was Pan American Petroleum Corporation - Big Eddy Unit #2 located in Unit p Section 19 Township 21 Range 28 and was completed on April 24, 1963 with an initial potential of 83 BOPD/MCFPD. Top of perforations is at 10,707 feet.

- c) It is recommended that a new oil pool be created and designated as the LINDA-SAN ANDRES Pool.

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

Discovery well was H. E. Barnes - Federal #1 located in Unit x Section 33 Township 6 Range 26 and was completed on April 8, 1963 with an initial potential of 83 BOPD/MCFPD. Top of perforations is at 1023 feet.

# NEW POOLS

a) It is recommended that a new oil pool be created and designated as the

SOUTH RED LAKE-SEVEN RIVERS Pool.

Vertical limits to be the seven rivers formation and the horizontal limits should be as follows: as shown in paragraph (a), Exhibit 1

Discovery well was Dimin Capital, Inc. - Red Lake, State 10 located in Unit F Section 22 Township 17 Range 28 and was completed on September 10, 1963 with an initial potential of BOPD/MCFPD. Top of perforations is at 770 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.

WELL NAME: ( )

COUNTY

POOL

NMIM

TOWNSHIP

RANGE

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.

PAN AMERICAN PETROLEUM CORPORATION - Buffalo Unit No. 5 in Unit F of  
Section 2-19-33. Completed in Morrow on December 7, 1962. Top of Perforations 13,110'.

Proposed pool boundary colored in red. SECTION 2: NW/4

2007 (1) SECTION OF LAND

County EDDY Pool FENTON DRAW-STRAWN

Township 21 Range 28 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: Pan American Petroleum Corp. - Big Eddy Unit  
No. 2 in unit P of section 19-21-28. Completed in Strawn,  
April 24, 1963, through perforations from 10707 to 10736.

Proposed pool boundary colored in green. Section 19: SE/4

County CHAVES Pool LINDA-SAN ANDRES

Township 6S Range 26E 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.  
 Discovery well: H.E.Barnes - Federal No. 1 in Unit N of  
 section 33-6-26. Completed in San Andres, April 8, 1963,  
 through perforations from 1023' to 1053'.

Addition: Burleson & Huff - Harris No. 1 in unit E of section  
 33-6-26. Completed in San Andres October 8, 1963, through  
 perforations from 981' to 993'.

Proposed pool boundary colored in green. Section 33: SW/4  
 Addition Section 33: S/2 NW/4

Township 17S Range 28E NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A 2x2 square of cells is highlighted in the center of the grid, containing the numbers 15, 16, 21, and 22.

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

Discovery well: CIMA Capitan, Inc. - Red Lake, State No. 10 in unit F of Section 22-17-28. Completed in Seven Rivers September 10, 1963, through perforations from 770' to 783'.

Proposed pool boundary colored in green. Section 22: NW/4



Oil Pool: (b) ADDRESS OF AN OIL FIELD

County EDDY Pool NORTH BENSON-QUEEN-GRAYBURG

Township 18 Range 30 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. - Leo R. Manning B (NCT-1) No. 8 in unit L of section 27-18-30. Completed in Queen-Grayburg October 10, 1963, through perforations from 2788' to 3332'.

Addition: Texaco, Inc. - Leo R. Manning B (NCT-1) No. 11 in unit G of section 28-18-28. Completed in Queen-Grayburg, December 1, 1963 through perforations from 2698' to 3241'.

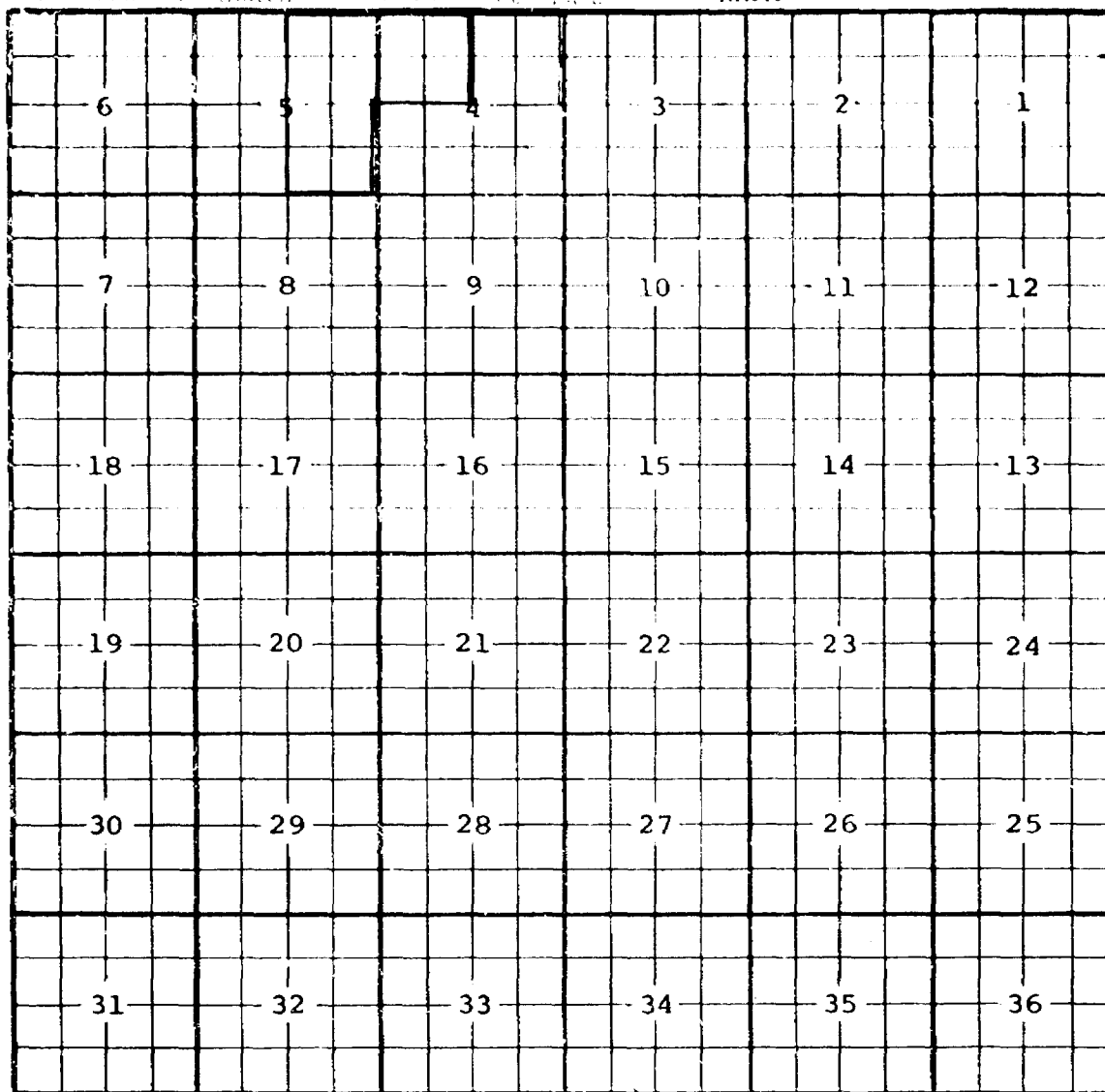
Pool boundary colored in red.

Proposed extension colored in green. Section 27: N/2 SW/4

Addition Section 28: NE/4

COUNTY Lehigh POOL WYOMING-PENNSYLVANIA GAS

TOWNSHIP 19 South RANGE 43 East NMFM



PURPOSE: One completed gas well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - USA Mary Nellis et al in Unit C of Section 5-19-33. Completed in Pennsylvania on November 1, 1961. Top of Perforations 13,234'.

Pool boundary colored in red.

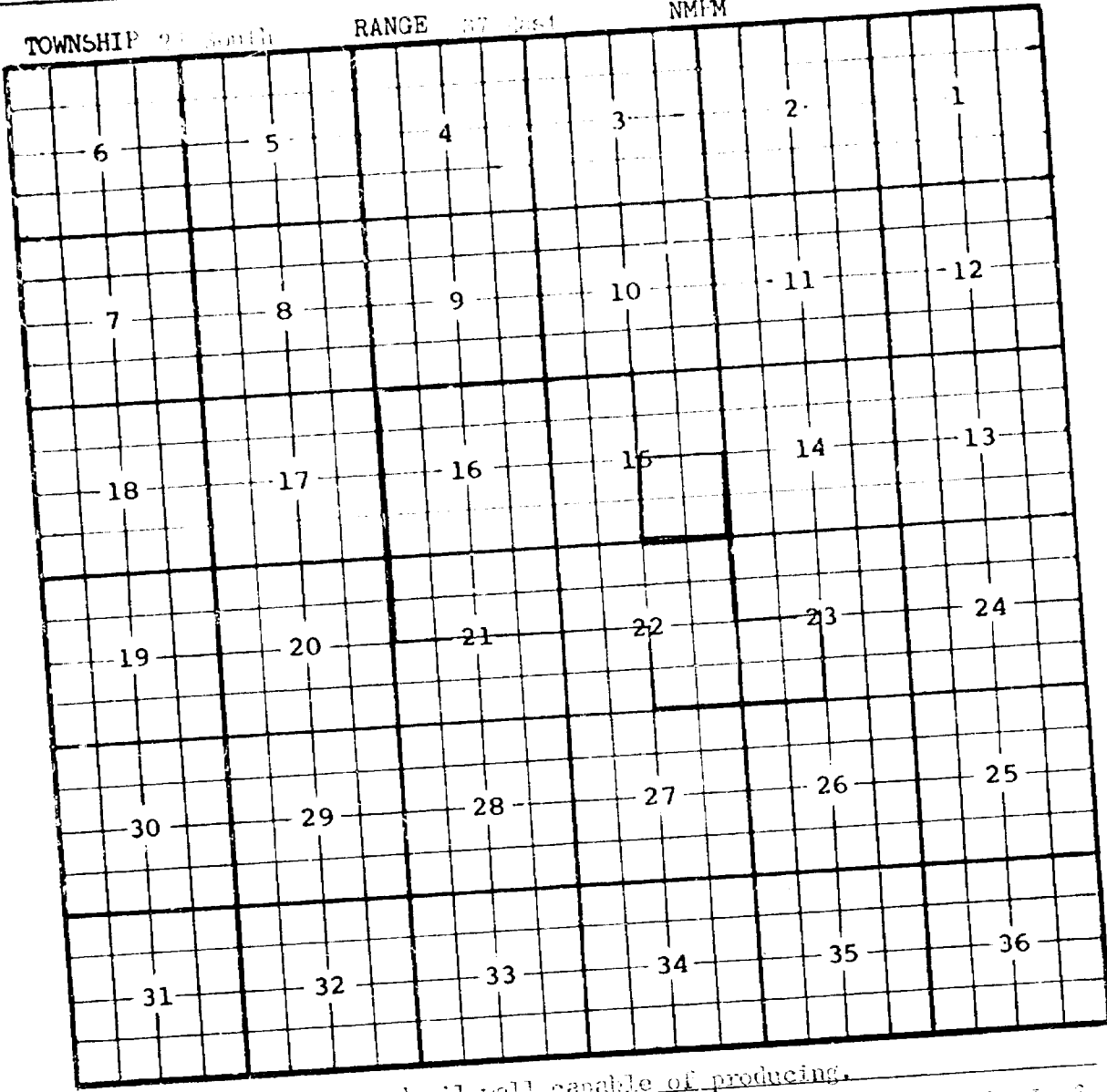
Proposed pool extensions colored in green. SECTION 4: NW/4

SECTION 5: E/2

COUNTY \_\_\_\_\_ POOL \_\_\_\_\_ CHANGED TO AIR YARDS-DAYTON CIVIL RIGHTS

PURPOSE: To extend the vertical limits of the EK-Queen Pool to include the Yates-Seven Rivers formation and to change the pool name. \_\_\_\_\_  
Pool boundary colored in red. \_\_\_\_\_

STATE OF TEXAS  
COUNTY OF DALLAS  
TOWNSHIP 21 South  
RANGE 37 East  
POOL NUMBER 111111  
NMFM



PURPOSE: One completed oil well capable of producing.  
PAN AMERICAN PETROLEUM CORPORATION - South Mattix Unit #1 in Unit J of  
Section 15-24-37. Completed in Minebry on October 5, 1963. Top of Perforations 5413'.

Pool boundary colored in red.  
Proposed pool extension colored in green. SECTION 15: SE/4

Oil Well: (1) HENSHAW DEEP UNIT NO. 8

County EDDY Pool HENSHAW-WOLFCAMP

Township 16S 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.

Shell Oil Co. - Henshaw Deep Unit No. 8 in unit K of section 23-16-30. Completed in Wolfcamp August 1, 1963, through perforations from 8733' to 8743'.

Pool boundary colored in red.

Proposed extension colored in green. Section 23: E/2 SW/4

Case 2087: (1) EXTENSION OF AN EXISTING OIL POOL

COUNTY TMA POOL BUSH-BLINEBRY

TOWNSHIP 25 North RANGE 27 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.

THE ATLANTIC REFINING COMPANY - Justis #2 in Unit 0 of Section 11-25-37.

Completed in Blinebry on October 11, 1963. Top of Perforations 5318'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: S/2 SE/4

DEED 2957: (K) EXTENSION OF EXISTING OIL POOL (Continued on next page)

COUNTY LEM POOL NORTHWEST 1/4, T1N, R1E

TOWNSHIP 24 South RANGE 37 West NMIM

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.

KINGREA, PENDLETON & REISER - Mosley 21 in Unit P of Section 34-24-37.

Completed in Blinbry on September 18, 1963. Top of Perforations 5476'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: E/2 SE/4

COUNTY		POOL	
DALLAS		OIL FIELD - BLINEBRY	
TOWNSHIP		RANGE	
25 South		37 East	
		NMIM	
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

PURPOSE: As stated on preceding page, paragraph (k), Exhibit I  
 UNION TEXAS PETROLEUM CORPORATION - Stuart 16 in Unit C of Section 11-  
 25-37. Completed in Blinebry on September 13, 1963. Top of Perforations  
 5328'.

ADDITION--THE ATLANTIC REFINING COMPANY - J. A. Stuart 12 in Unit A of Section 11-  
 25-37. Completed in Blinebry on October 15, 1963. Top of  
 Perforations 5290'.

ADDITION--GULF OIL CORPORATION - J. A. Stuart 18 in Unit B of Section 11-  
 25-37. Completed in Blinebry on November 8, 1963. Top of  
 Perforations 5416'.

Pool boundary colored in red.  
 Proposed pool extensions colored in green. SECTION 11: N/2 NE/4  
 ADDITIONS--SECTION 11: N/2 NE/4



COUNTY

ILL.

POOL

STANDARD OIL COMPANY

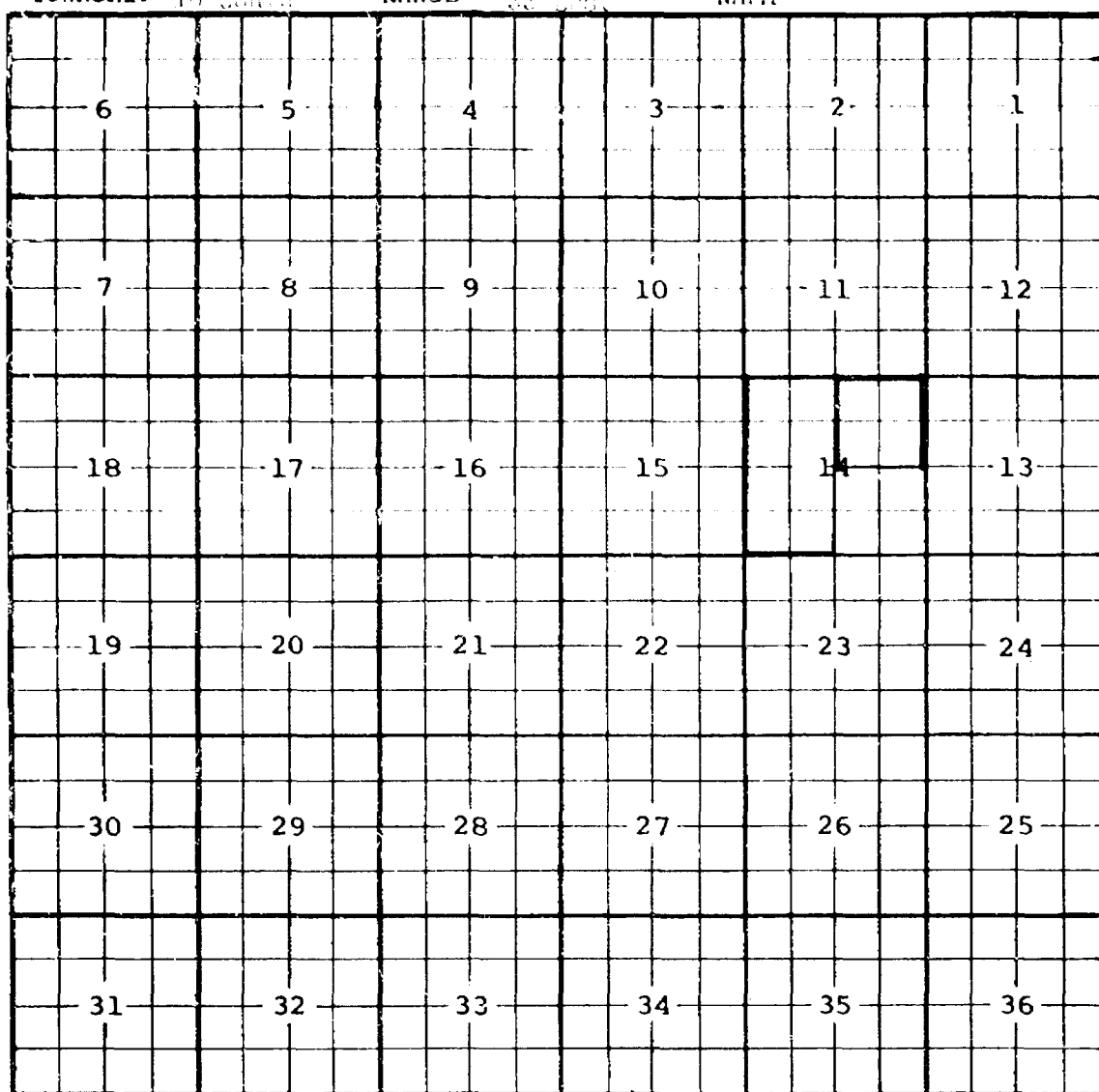
TOWNSHIP

10 South

RANGE

23 East

NMIM



PURPOSE: One completed oil well capable of producing.

HISCON DRILLING COMPANY - Midwest State #1 in Unit B of Section 14-10-33.

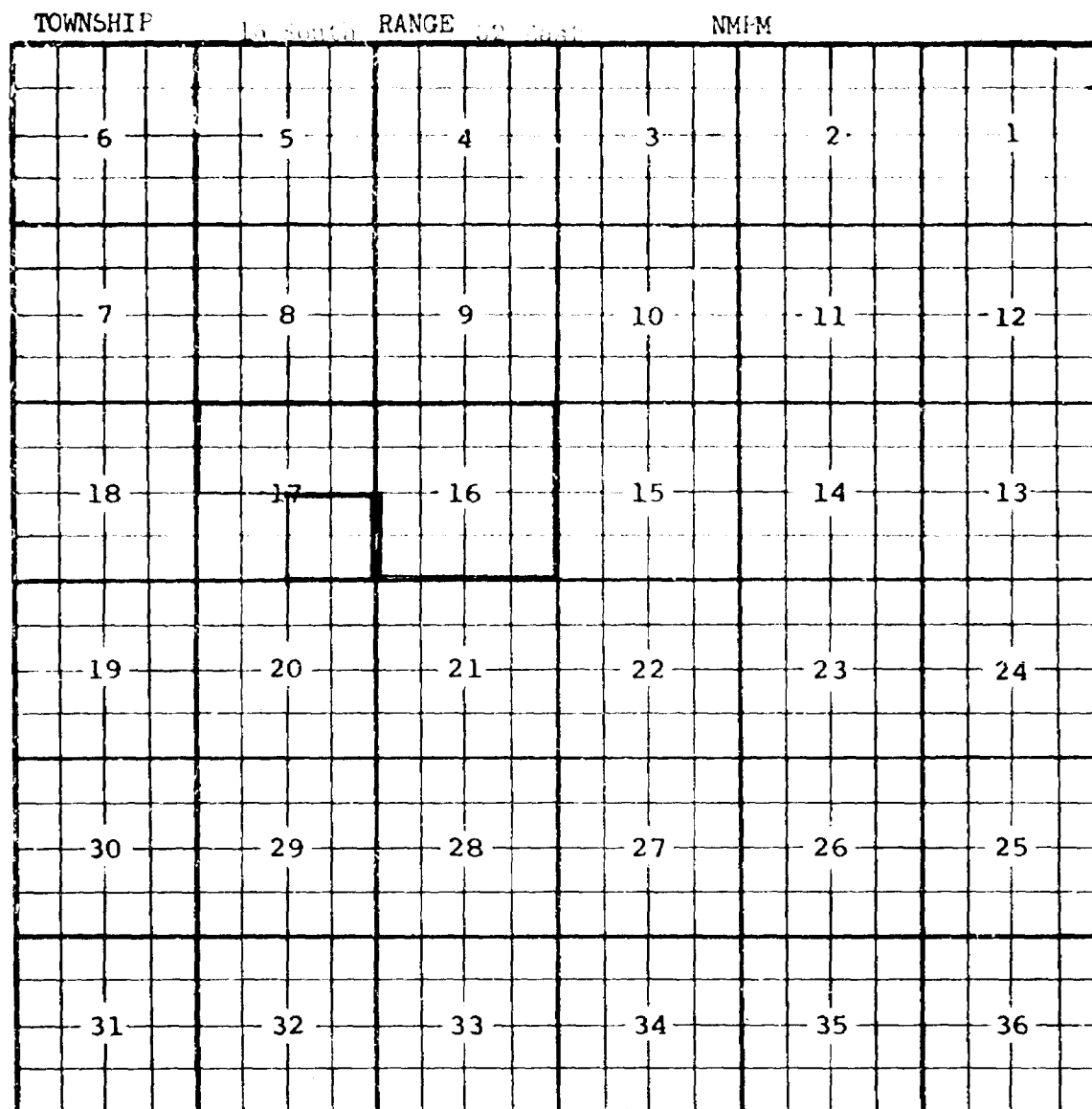
Completed in Pennsylvania on October 6, 1963. Top of Perforations 9706'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 14: NE/4

CASE 2957: ( ) PROVISION OF EXTENSION OIL POOL

COUNTY \_\_\_\_\_ POOL \_\_\_\_\_



PURPOSE: Two completed oil wells capable of producing.

SHELL OIL COMPANY - State NGR #1 in Unit 1 of Section 17-16-32. Completed in Queen on October 23, 1963. Top of Perforations 3410'.

SHELL OIL COMPANY - State NGR #1 in Unit 2 of Section 17-16-32. Completed in Queen on November 1, 1963. Top of Perforations 3401'.

Pool boundary colored in red.

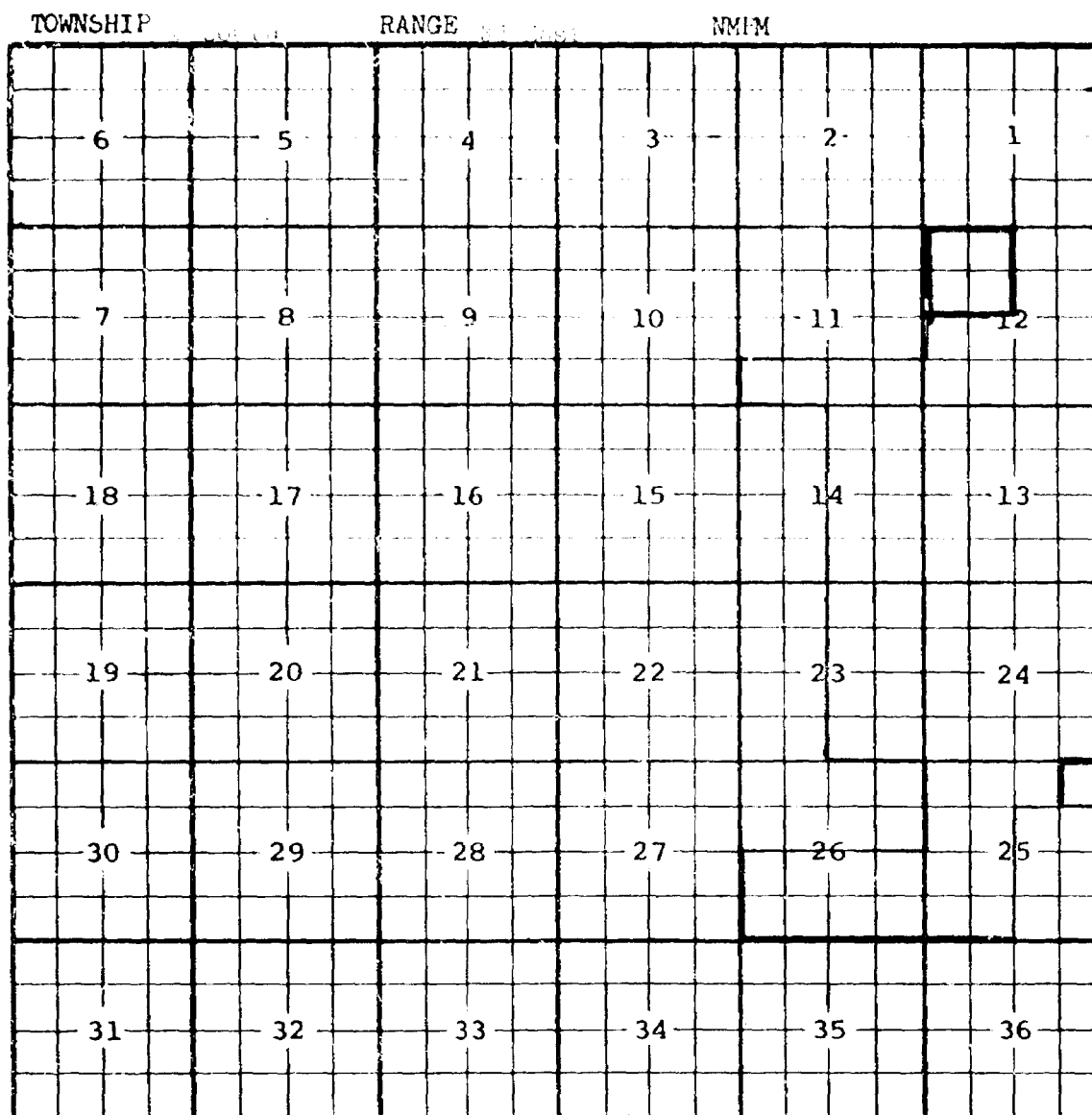
Proposed pool extension colored in green. SECTION 17: SE/1

Form 2080 (1) DEPARTMENT OF MINES AND GEOLOGICAL SURVEY (Revised 10-1-64)  
COUNTY EL PASO POOL EL CHORRO

TOWNSHIP			RANGE			NMIM		
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.  
EL CHORRO EXPL., INC. - Jacobs Federal #13 in Unit I of Section 19-8-85.  
Completed in San Andres on October 7, 1962. Top of Perforations 1660'.  
ADDITION--NTA OIL PRODUCERS - Pate #1 in Unit II of Section 6-8-85. Com-  
pleted in San Andres on September 6, 1962. Top of Perforations  
4534'.  
Pool boundary colored in red.  
Proposed pool extensions colored in green. SECTION 19: SW/4  
ADDITION-----SECTION 6: NE/4

COUNTY TARRANT POOL TARRANT



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

ADDITION--TIDEWATER OIL COMPANY - CO-Clyde Coleman #1 in Unit F of  
 Section 12-3-34. Completed in San Andres on November 30, 1953.  
 Top of Perforations 4603'.

ADDITION--TEXACO, INC. - W. L. Rogers #2 in Unit A of Section 25-3-34.  
 Completed in San Andres on October 22, 1953. Top of Perforations 4658'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 12: NW/4  
 SECTION 25: NE/4 NW/4

CASE 2957: (c) EXTENSION OF AN EXISTING GIL FLOOR

County EDDY Pool NORTH SQUARE LAKE-GRAYBURG-SAN ANDRES

Township	16	Range	31	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

Purpose: One completed oil well capable of producing.

Shell Oil Co. - Trigg Federal No. 10 in unit J of section  
6-16-31. Completed in Grayburg October 13, 1963, through  
perforations from 3218' to 3227'.

Pool boundary colored in red.

Proposed extension colored in green. Section 6: Lots 9 & 10  
being units I & J.

NO. 7777 ( )

COUNTY

POOL

TOWNSHIP

RANGE

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.

WILLIAM A. & EDWARD R. HUDSON - Federal 19 1/2 in Unit N of Section 19-19-33. Completed in Yates on October 25, 1963. Top of Perforations 2978'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 19: SE/4



CASE 2987: (q) EXTENSION OF AN EXISTING OIL WELL (Continued on next page)

COUNTY LEE POOL VICTOR-ROBERT

TOWNSHIP 17 South RANGE 4S NM 1M

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 preceding page, paragraph (q), Exhibit 1

SHELL OIL COMPANY - State "A" #5 in Unit A of Section 31-17-35. Completed in Clorieta on October 19, 1963. Top of Perforations 6069'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: N/2



CASE 2957: (q) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY		POOL		NMPM	
TOWNSHIP 18 South		RANGE 24 East			
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 preceding page, paragraph (q), Exhibit I

ADDITION--TEXACO, INC. - State of New Mexico "E" 45 in Unit D of Section 1-18-34. Completed in Gloria on November 10, 1963. Top of Perforations 6076'.

ADDITION--TEXACO, INC. - State of New Mexico "E" 46 in Unit E of Section 1-18-34. Completed in Gloria on November 5, 1963. Top of Perforations 6103'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 1: N/2

CASE NO. (X) SECTION 2, TOWNSHIP 22N, RANGE 37E, NMIM

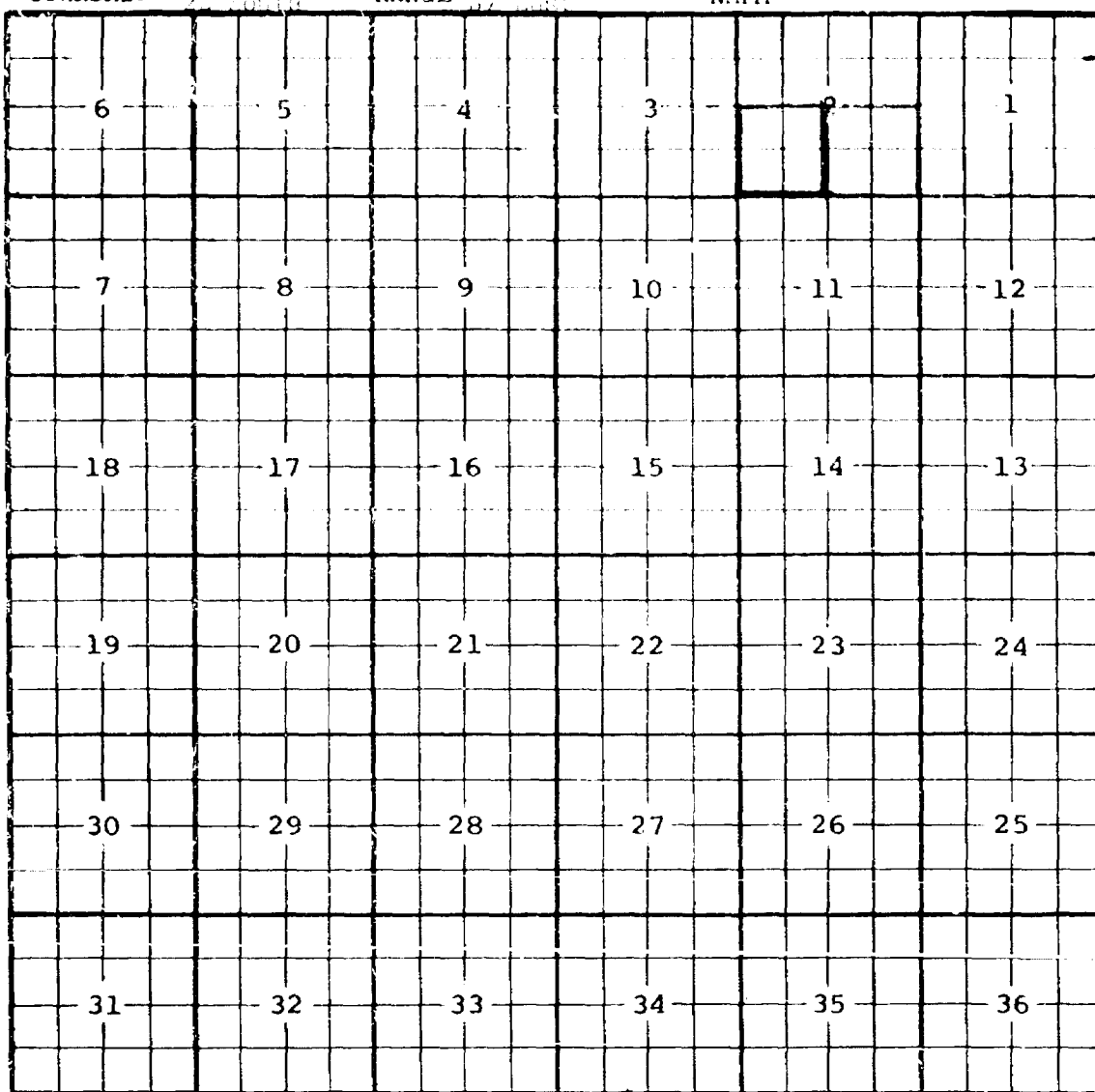
COUNTY

POOL

TOWNSHIP

RANGE

NMIM



PURPOSE: One completed oil well capable of producing.

HUMBLE OIL & REFINING COMPANY - New Mexico State S 25 in Unit A of Section 2-22-37. Completed in Granite Wash on August 22, 1963. Top of Perforations 7300'.

Pool boundary colored in red.

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

DOCKET: REGULAR HEARING - WEDNESDAY - DECEMBER 18, 1963

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

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

CASE 2910 (De Novo)

Application of Big (6) Drilling Company for the extension of the Scharb-Bone Springs Oil Pool, Township 19 South, Range 35 East, Lea County, New Mexico, and for special rules therefor, including 80-acre spacing and proration units to comprise any two contiguous 40-acre tracts, and for fixed well locations. Upon application by Guy Hooper this case will be heard de novo under the provisions of Rule 1220.

CASE 2957:

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, and extensions of certain existing pools in 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 and extensions should not be made.

- (a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the East Buffalo-Pennsylvanian Gas Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: NW/4

- (b) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Strawn production, designated as the Fenton Draw-Strawn Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 28 EAST, NMPM  
SECTION 19: SE/4

- (c) CREATE a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Linda-San Andres Pool, and described as:

TOWNSHIP 6 SOUTH, RANGE 26 EAST, NMPM  
SECTION 33: SW/4

- (d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the South Red Lake-Seven Rivers Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM  
SECTION 22: NW/4

CASE 2957 continued from page 1

- (e) EXTEND the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:  
  
TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM  
SECTION 27: N/2 SW/4
- (f) EXTEND the Buffalo-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 4: NW/4  
SECTION 5: E/2
- (g) EXTEND the vertical limits of the EK-Queen Pool in Lea County, New Mexico, to include the Yates-Seven Rivers formation and change the pool name from EK-Queen Pool to the EK Yates-Seven Rivers-Queen Pool.
- (h) EXTEND the Fowler-Blinebry Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM  
SECTION 15: SE/4
- (i) EXTEND the Henshaw-Wolfcamp Pool in Eddy County, New Mexico, to include therein:  
  
TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM  
SECTION 23: E/2 SW/4
- (j) EXTEND the Justis-Blinebry Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: S/2 SE/4
- (k) EXTEND the North Justis-Blinebry Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: E/2 SE/4  
  
TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: N/2 NW/4
- (l) EXTEND the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 14: NE/4
- (m) EXTEND the Mesa-Queen Pool in Lea County, New Mexico, to include therein:  
  
TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM  
SECTION 17: SE/4

-3-

CASE 2957 continued from page 2

- (n) EXTEND the Milnesand-San Andres Pool in Roosevelt County, New Mexico, to include therein:
- TOWNSHIP 8 SOUTH, RANGE 35 EAST, NMPM  
SECTION 19: SW/4
- (o) EXTEND the North Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:
- TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMPM  
SECTION 6: Lots 9 and 10
- (p) EXTEND the South Tonto-Yates Pool in Lea County, New Mexico, to include therein:
- TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 19: SW/4
- (q) EXTEND the Vacuum-Glorieta Pool in Lea County, New Mexico, to include therein:
- TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: NE/4
- TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: N/2
- (r) EXTEND the Wantz-Granite Wash Pool in Lea County, New Mexico, to include therein:
- TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 2: SW/4

CASE 2958:

Northwestern New Mexico Nomenclature case calling for an order extending existing pools in Rio Arriba, and San Juan Counties, New Mexico.

- (a) EXTEND the Tapacito-Pictured Cliffs Pool to include therein:
- TOWNSHIP 26 NORTH, RANGE 3 WEST, NMPM  
SECTION 16: All  
SECTION 21: NW/4
- (b) EXTEND the Blanco-Mesaverde Pool to include therein:
- TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM  
SECTION 1: All
- (c) EXTEND the Many Rocks-Gallup Oil Pool to include therein:
- TOWNSHIP 32 NORTH, RANGE 17 WEST, NMPM  
SECTION 35: N/2 NW/4 & NE/4 SE/4
- (d) EXTEND the Otero-Gallup Oil Pool to include therein:
- TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM  
SECTION 15: W/2 NW/4  
SECTION 16: N/2

b) GRACE, a hot pool in the family, New York, classified as a hot pool for transportation production, estimated as the first portfolio optimization (the pool, and described as:

✓ ANIMALS TO SCOUT, RANGE 33 EAST, MICH  
COUNTRY: 1571

b) CRUHL, a new pool in Cuddy County, New Mexico, classified as an oil pool for Stratum production, designated as the Panton Draw-Stratum Pool, and described as:

✓ RECORD OF SIGHT, RANGE 28 MAY, 1974  
SECTION 19: 3174

c) CRETE, a new pool in Chaves County, New Mexico, classified as an oil pool for San Andres production, designated as the Linda-San Andres Pool, and described as:

✓ CASHIP - SOUTH, BRIDGE 20 EAST, 1740  
 100-33-8079

6) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Seven Rivers production, designated as the South Red Lake-Seven Rivers Pool, and described as:

✓ PLATSHIP 17 SOUTH, RANGE 28 WEST, NMPN  
SECTION 22: 28/1

c) ~~CREATE~~ A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta Paddock production, designated as the East Vacuum/Glorieta-Paddock Pool, and described as:

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, 38TH  
SECTION 27: NE 1/4

F) ~~CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Glorieta Paddock production, designated as the South Vacuum-Glorieta-Paddock Pool, and described as:~~

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 33: NE/4

e) ~~X~~ EXTEND the North Benson ~~Queer~~-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMTN  
SECTION 27: N/2 SW/4

to include therein:

✓ TOWNSHIP 19 NORTH, RANGE 32 EAST, NMP  
SECTION 17: SW/4

- g) ☒ EXTEND the Fort-Lake-Hatchery Pool in Lea County, New Mexico, to include the Yates-Seven Rivers Pool and the Queen Pool to the ~~the Yates-Seven Rivers Pool~~. *LK Yates-Seven Rivers-Queen Pool.*

- L) ☒ EXTEND the Fort-Lake-Hatchery Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMP  
SECTION 14: SW/4

- i) ☒ EXTEND the Hatchery-Lake-Hatchery Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMP  
SECTION 23: 1/2 SW/4

- j) ☒ EXTEND the Justice-Blinchery Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMP  
SECTION 11: S/2 SW/4

- k) ☒ EXTEND the North Justice-Blinchery Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMP  
SECTION 24: E/2 SW/4

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMP  
SECTION 11: N/2 E/4

- l) ☒ EXTEND the Middle Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMP  
SECTION 14: NE/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMP  
SECTION 17: SW/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMP  
SECTION 19: SW/4

- o) ☒ EXTEND the North Square Lake-San Andres Pool in Curry County, New Mexico, to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, NMP  
SECTION 6: Lots 9 and 10

Section, 1901, or relative

2  
c) EXTEND the Vinton-Graffius Road in Deuel County, New Mexico, to include  
therein:

✓ TOWNSHIP 19 NORTH, RANGE 35 WEST, 1914  
SECTION 19: 37-

8  
8) EXTEND the Vinton-Graffius Road in Deuel County, New Mexico, to include  
therein:

✓ TOWNSHIP 17 NORTH, RANGE 35 WEST, 1914  
SECTION 19: 37-

✓ TOWNSHIP 17 NORTH, RANGE 35 WEST, 1914  
SECTION 21: 37-

✓  
A) EXTEND the Wertz-Graffius Road in Deuel County, New Mexico, to include  
therein:

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, 1914  
SECTION 2: 37-



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
December 16, 1953

REGULAR HEARING

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, and extensions of certain  
existing pools in Eddy, Lea, and Roosevelt  
Counties, New Mexico.

Case No. 2957

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

TRANSCRIPT OF HEARING



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691

REPORT OF THE  
OIL CONSERVATION COMMISSION  
State of New Mexico  
December 1, 1957

REGULAR HEARING

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, and extensions of certain  
existing pools in Eddy, Lea, and Roosevelt  
Counties, New Mexico.

Case No. 2957

BEFORE: Honorable Jack M. Campbell, Governor  
E. S. Johnnie Walker, Land Commissioner  
A. L. Pete Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: Take up Case 2957, Southeast New Mexico  
nomenclature case.

DAN S. NUTTER,

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

DIRECT EXAMINATION

BY MR. DURRETT:

Q Would you, please, state your name and position for the  
record?

A Dan Nutter, Chief Engineer for the New Mexico Oil  
Conversation Commission.



## DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691

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

A Yes, sir. I am.

Q And have you prepared your recommendations or have they been prepared in the form of an exhibit?

A Yes, sir.

Q How is that marked?

A Its identified as Exhibit A.

Q Will you, please, refer to Exhibit A and to the docket that has been prepared and distributed here today and explain any corrections or additions that are important?

A Yes, sir. I would recommend that the East Buffalo-Pennsylvanian Gas Pool be created and that the limits be as described on the docket. This pool was discovered by Pan American's Buffalo Unit in Township 19 South, Range 33 East, completed December the 7th, 1962, with the top of the perforations at 13,110 feet.

Next, I recommend that the Fenton Draw Strawn Pool be created with the horizontal limits as described on the Exhibit A. This pool was discovered by Big Eddy Unit Number 2, Township 21 South, Range 26 East and it was completed April 24, 1963, with the top of the perforations at 10,100.

I recommend, next, that the Linda-San Andres Pool be created,



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691

the horizontal limits to be Township 20 South, Range 20 East, Section 33, the Southwest Quarter, the South Half, and the Northwest Quarter. This pool was discovered by H. A. Barnes Well Number 1, completed April 3, 1963, with the top of the perforations at 1,023.

I recommend that the South Red Lake-Seven Rivers be created, with the horizontal limits to be as described on the docket which is identical to the exhibit. This pool was discovered by Capitan Incorporated, Township 17 South, Range 28 East, and was completed September 10, 1963, with the top of the perforations at 770 feet.

I recommend that the North Benson Queen-Crayburg Pool in Eddy County be extended to include Township 18 South, Range 30 East, Section 27, the North Half and the Southwest Quarter, and Section 28, the Northeast Quarter.

I recommend that the extensions of the Buffalo-Pennsylvanian Pool, the EK-Queen Pool, the Fowler-Blinebry Pool, the Henshaw-Wolfcamp Pool and the Justis-Blinebry Pool be made in accordance with the exhibit, which is identical to the docket.

I recommend that the North Justis-Blinebry Pool be extended to include Township 24 South, Range 37 East, Section 34, the East Half and the Southeast Quarter, Township 25 South, Range 37 East, Section 11, the North Half, Northwest Quarter and Section 11, North Half, Northeast Quarter and North Half, North Half.

I would recommend that the Middle Lane-Pennsylvanian Pool, and the Mesa-Queen Pool in Lea County be extended as shown on the



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exhibit, which is identical to the docket.

I would recommend that the Milnesand-San Andres Pool in Roosevelt County be extended to include Township 5 South, Range 36 East, Section 12, Southwest Quarter, and Section 6, Northeast Quarter, Township 6 South, Range 34 East, Section 12, Northwest Quarter, Section 25, Northeast Quarter, Northeast Quarter.

I would recommend that the North Square Lake Grayburg-San Andres Pool in Eddy County and the South Tonto-Yates Pool in Lea County be extended as on the exhibit, which is identical to the docket.

I recommend that the Vacuum-Glorieta Pool in Lea County be extended to include Township 17 South, Range 34 East, Section 36, Northeast Quarter; Section 24, Southwest Quarter; Section 25, Northwest Quarter and Southeast Quarter; Township 17 South, Range 35 East, Section 31, North Half; Township 18 South, Range 34 East, Section 1, North Half.

And I would recommend, further, that the Wantz-Granite Wash Pool in Lea County be as on the exhibit, which is identical to the docket.

Q Do you have anything further to add?

A No, sir.

Q Was this exhibit prepared by you or under your supervision?

A Yes, it was.

Q I move the introduction of Exhibit A and that concludes my examination of this witness



MR. PORTER: Without objection the exhibit will be admitted. Does anyone else have a question of this witness?

The witness may be excused, and if there is nothing further to offer we will take the case under advisement.

\*\*\*\*\*

**DEARNLEY, MEIER, WILKINS and CROWNOVER**

*General Court Reporting Service*

Suite 1120 Simms Building Albuquerque, New Mexico Phone 243-6691



STATE OF NEW MEXICO     )  
                                   )   ss  
 COUNTY OF BERNALILLO    )

I, NORRIS R. CROWNOVER, 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 26th day of December, 1963.

*Norris R. Crownover*  
 NOTARY PUBLIC

My Commission Expires:

July 11, 1967.

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Suite 1120 Simms Building   Albuquerque, New Mexico   Phone 243-6691



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE PETITION  
FILED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF  
NEW MEXICO FOR THE PURPOSE  
OF CONSIDERING:

Case No. 2257  
ORDER NO. 2-2230

THE PETITION OF THE OIL  
CONSERVATION COMMISSION FOR  
THE CREATION FOR AN ORDER  
CREATING AND EXTENDING VERTICAL  
AND HORIZONTAL LIMITS OF  
CERTAIN POOLS IN CHAVES, 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 December 18, 1963, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this \_\_\_\_\_ day of December, 1963, 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 Pennsylvanian formation, said pool to bear the designation of East Buffalo-Pennsylvanian Gas Pool. Said East Buffalo-Pennsylvanian Gas Pool was discovered by Pan American Petroleum Corporation, Buffalo Unit No. 5, located in ~~the SW 1/4~~, Unit F of Section 2, Township 19 South, Range 33 East, NMPM. It was completed in Morrow on December 7, 1962. The top of perforations is 13,110 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 Strawn formation, said pool to bear the designation of Fenton Draw-Strawn Pool. Said Fenton Draw-Strawn Pool was discovered by Pan American Petroleum Corporation, Big Eddy Unit No. 2, located in ~~the SW 1/4~~, Unit F of Section 19, Township 21 South, Range 28 East, NMPM. It was completed in Strawn on April 24, 1963. The top of perforations is 10,707 feet.

(4) 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 Linda-San Andres Pool. Said Linda-San Andres Pool was discovered by H. E. Barnes, Federal No. 1, located in ~~the SW 1/4~~, Unit N of Section 33, Township 6 South, Range 26 East, NMPM. It was completed in San Andres on April 8, 1963. The top of perforations is ~~1023~~ feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Seven Rivers formation, said pool to bear the designation of South Red Lake-Seven Rivers Pool. Said South Red Lake-Seven Rivers Pool was discovered by Cima Capital, Inc., Red Lake, State No. 10, located in ~~the NW 1/4~~, Unit F of Section 22, Township 17 South, Range 26 East, NMPM. It was completed in Seven Rivers on September 10, 1963. The top of perforations is 770 feet.

(6) That there is need for the extension of the vertical limits of the OK-Queen Pool in Lea County, New Mexico, to ~~thereby~~ <sup>and</sup> include the Yates-Seven Rivers formation and change the pool name from ~~OK-Queen Pool~~ to the R Yates-Seven Rivers-Queen Pool.

(7) That there is need for certain extensions to the ~~OK-Queen~~ <sup>Queen</sup> Pool, the Henshaw-Holman Pool, and the ~~OK-Queen~~ <sup>OK-Queen</sup> Pool.



San Andres Pool, all in Lea County, New Mexico, including the San Andres Pool in Roosevelt County, New Mexico, the Buffalo-Pennsylvanian Gas Pool, the Fowler-Blinberry Pool, the Justis-Blinberry Pool, the North Justis-Blinberry Pool, the North Fowler-Blinberry Pool, the North Justis-Blinberry Pool, the South Justis-Blinberry Pool, the South Fowler-Blinberry Pool, the South Justis-Blinberry Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvania production, is hereby created and designated as the East Buffalo-Pennsylvanian Gas Pool, consisting of the following described area:

✓ TOWNSHIP 12 SOUTH, RANGE 25 EAST, N1E  
SECTION 2: NE/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 28 EAST, N1E  
SECTION 19: SE/4

(c) 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 Linda-San Andres Pool, consisting of the following described area:

✓ TOWNSHIP 6 SOUTH, RANGE 26 EAST, N1E  
SECTION 33: SE/4 and S/2 NE/4

(d) That a new pool in Curry County, New Mexico, classified as an oil pool for Seven Rivers production, is hereby created and designated as the South Red Lake-Seven Rivers Pool, consisting of the following described area:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, N1E  
SECTION 22: NW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, N1E  
SECTION 27: N/2 SE/4  
SECTION 28: NE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, N1E  
SECTION 4: NE/4  
SECTION 5: E/2

(g) That the vertical limits of the EK-Queen Pool in Lea County, New Mexico, are hereby extended to include the Yates and Seven Rivers formations and that the pool name be changed to the EK Yates-Seven Rivers-Queen Pool.

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

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, N1E  
SECTION 15: SE/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, N1E  
SECTION 23: E/2 SE/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, N.M.  
SECTION 11: N/2 S/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 37 EAST, N.M.  
SECTION 30: N/2 S/4

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, N.M.  
SECTION 11: N/2 S/2

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

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, N.M.  
SECTION 11: NE/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 32 EAST, N.M.  
SECTION 17: SE/4

(n) That the Milnesark-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, N.M.  
SECTION 12: NW/4  
SECTION 25: NE/4 SE/4

✓ TOWNSHIP 6 SOUTH, RANGE 35 EAST, N.M.  
SECTION 6: NE/4  
SECTION 19: SW/4

(o) That the North Square Lake-Crayburg-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 31 EAST, N.M.  
SECTION 6: Lots 9 and 10

(p) That the South Tonto-Yates Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, N.M.  
SECTION 19: SW/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, N.M.  
SECTION 24: SW/4  
SECTION 25: NW/4 and SE/4  
SECTION 36: NE/4

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, N.M.  
SECTION 31: N/2

✓ TOWNSHIP 16 SOUTH, RANGE 34 EAST, N.M.  
SECTION 1: N/2

(r) That the Montz-Granite Wash Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include

CASE NO. 2957  
ORDER NO. 11

therein:

✓ TRANSIT 72, 1011, 1106 37, 1111, 1111  
SECTION 2: 11/11

IT IS THEREBY ORDERED:

That the effective date of this order and all creations and extensions of vertical and horizontal rights included herein shall be January 1, 1961.

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

STATE OF NEW MEXICO  
OFF. CONSERVATION COMMISSION

JACK E. CAMPBELL, Chairman

C. S. Walker, Member

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

S E A L