

CASE 2990:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

CASE No.
2990

Application,
TRANSCRIPTS,
SMALL Exhibits
ETC.

NEW POOLS

- a) It is recommended that a new oil pool be created and designated as the BAR II-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 Lario Oil and Gas Company - State R #1 located in Unit P Section 1 Township 9 Range 32 and was completed on October 23, 1963 ~~with an initial potential of \$\$\$\$\$\$ 8000/ACFDD~~ Top of perforations is at 9210 feet.

- b) It is recommended that a new oil pool be created and designated as the BUFFALO-BONE SPRINGS Pool.

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

Discovery well was Pan American Petroleum Corporation - Mark Whelan #1 located in Unit F Section 3 Township 19 Range 33 and was completed on October 26, 1963 ~~with an initial potential of \$\$\$\$\$\$ 8000/ACFDD~~ Top of perforations is at 10,314 feet.

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

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

Discovery well was Tom Brown Drilling Company - Kewanee State #1 located in Unit D Section 2 Township 20 Range 23 and was completed on November 27, 1963 ~~with an initial potential of \$\$\$\$\$\$ 3000/ACFDD~~ Top of perforations is at 8501 feet.

NEW POOLS

d) It is recommended that a new gas pool be created and designated as the
GETTY-MORROW GAS Pool.

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

Discovery well was Odessa Natural Gasoline Company - Federal Dooley #1
located in Unit M Section 24 Township 20 Range 29 and was completed on
October 30, 1963 ~~with an initial potential of 100 BOPD/MCFGPD.~~ Top of
perforations is at 12,102 feet.

It is recommended that a new _____ pool be created and designated as the
_____ Pool.

Vertical limits to be the _____ formation and the horizontal
limits should be as follows: _____

Discovery well was _____
located in Unit _____ Section _____ Township _____ Range _____ and was completed on
_____ with an initial potential of _____ BOPD/MCFGPD. Top of
perforations is at _____ feet.

It is recommended that a new _____ pool be created and designated as the
_____ Pool.

Vertical limits to be the _____ formation and the horizontal
limits should be as follows: _____

Discovery well was _____
located in Unit _____ Section _____ Township _____ Range _____ and was completed on
_____ with an initial potential of _____ BOPD/MCFGPD. Top of
perforations is at _____ feet.

CASE 2990: (a) CREATION OF A NEW OIL POOL

County	LEA	Pool	BAR U-PENNSYLVANIAN		
Township	9 South	Range	32 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.

LARIO OIL AND GAS COMPANY - State B #1 in Unit P of Section 1-9-32. Completed in Pennsylvanian on October 23, 1963. Top of Perforations 9210'. Proposed pool boundary colored in red. SECTION 1: SE/4

CASE 2990: (b) CREATION OF A NEW OIL POOL

County LEA Pool BUFFALO-BONE SPRINGS

Township 19 South Range 33 East NMPM

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

PURPOSE: One completed oil well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - Mark Whelan #1 in Unit F of Section 3-19-33. Completed in Bone Springs on October 26, 1963. Top of Perforations 10,314'.

Proposed pool boundary colored in red. SECTION 3: NW/4

CASE 2990: (c) CREATION OF A NEW GAS POOL
County EDDY Pool CASS RANCH-MORROW GAS

Tounship 20S			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: Tom Brown Drlg.Co., Kewanee State No. 1 in
Unit D of section 2-20-23. Completed in Morrow November 27,
1963, as a shut in gas well. Perforated interval 8501'-8780'.

Proposed pool boundary colored in green. Section 2: All

CASE 2990: (d) CREATION OF A NEW GAS POOL

County	EDDY	Pool	GETTY-MORROW GAS		
Township	20S	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: One completed gas well capable of producing.

Discovery well: Odessa Natural Gasoline Co., Federal Dooley No. 1 in unit M of Section 24-20-29. Completed as a shut in gas well in the Morrow formation October 30, 1963. Perforated interval - 12102-12229'.

Proposed pool boundary colored in green. Section 24: All

CASE 2990: (e) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool ARTESIA

Township 18S 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: One completed gas well capable of producing.

Franklin, Aston & Fair, State AB, Well No. 1 in unit F of
Section 6-18-28. Completed in Queen-Grayburg, October 28,
1963. Perforated interval 1448-1727.

Pool boundary colored in red.

Proposed extension colored in green. Section 6: SE/4 NW/4

CASE 2990: (f) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH CORBIN-QUEEN

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

PURPOSE: One completed oil well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - Buffalo Federal Unit #6 in Unit 0 of Section 33-18-33. Completed in Queen on October 2, 1963. Top of Perforations 4434'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: E/2

CASE 2990: (g) EXTENSION OF AN EXISTING GAS POOL

County LEA Pool FOWLER-TUBB GAS

Township 24 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 gas well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - South Mattix Unit #3 in Unit B of
Section 22-24-37. Completed in Tubb on August 8, 1963. Top of Perfora-
tions 5930'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 22: All

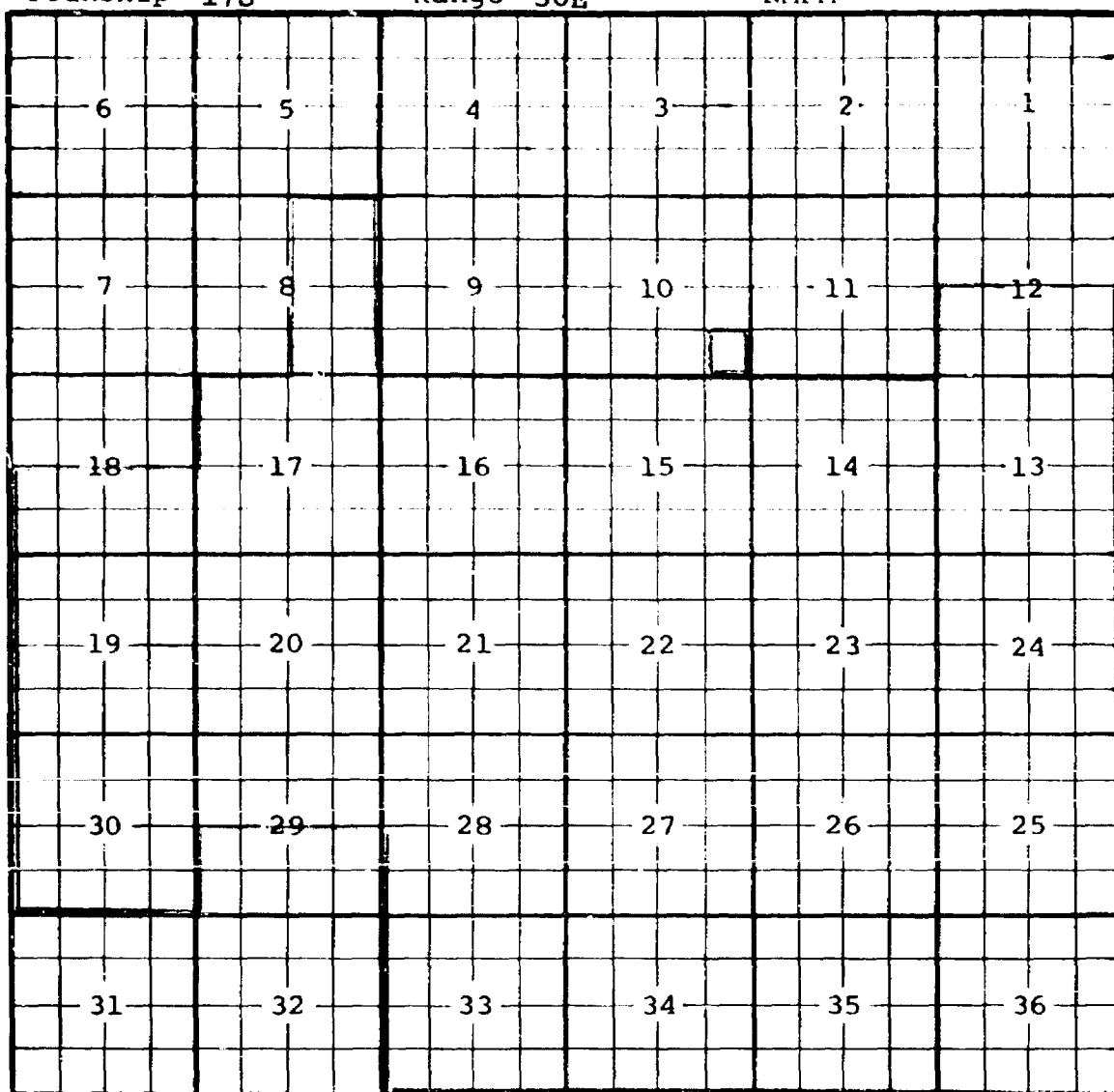
CASE 2990: (h) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool GRAYBURG JACKSON

Township 17S

Range 30E

NMPM



Purpose: One completed oil well capable of producing.

Curtis R. Inman, General American Federal No. 1 in unit P of
Section 10-17-30. Completed in Premier, November 18, 1963.
Completed in open hole, 2920'-2944'.

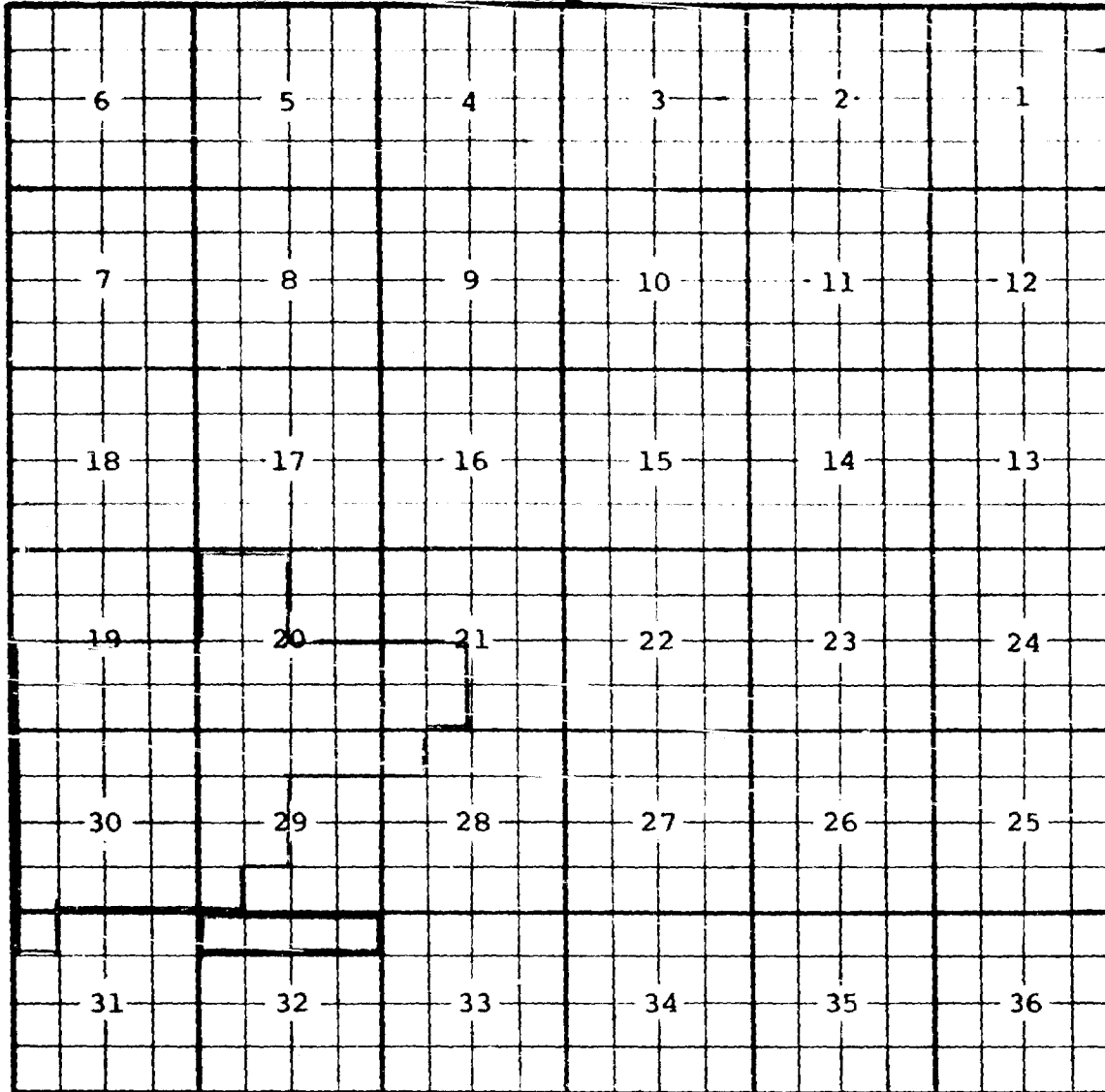
Pool boundary colored in red.

Proposed extension colored in green. Section 10" SE/4 SE/4

CASE 2990: (i) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool NORTH HACKBERRY-YATES

Township 19S Range 31E NMPM



Purpose: One completed oil well capable of producing.

Jack L. McClellan, Machris State, No. 1X in unit A, of
Section 32-19-31. Completed in Yates, October 15, 1963, in
open hole from 2253' to 2265'.

Pool boundary colored in red.

Proposed extension colored in green. Section 32: N/2 N/2

CASE 2990: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County	EDDY	Pool	WEST HENSHAW-GRAYBURG					
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: Two completed oil wells capable of producing.

Hiawatha Oil & Gas Co., P. R. Bass No. 1 in Lot 5 (unit E) of
Section 3-16-30. Completed in Premier, November 15, 1963.
Perforated interval 2789½ - 2793½'.

Pool boundary colored in red.

Proposed extension colored in green. Section 3: Lot 5 (unit E)

CASE 2990: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

County EDDY Pool WEST HENSHAW-GRAYBURG

Township 16 Range 29 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 1 of this exhibit.

Addition: Jack L. McClellan, Simmons Federal No. 2 in unit K of Section 24-16-29. Completed in Grayburg December 11, 1961 in open hole from 2634' to 2660'.

Pool boundary colored in red.

Proposed extension colored in green. Addition: Section 24

NE/4 SW/4

CASE 2990: (k) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH JUSTIS-BLINEBRY

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: Three completed oil wells capable of producing.

TEXAS PACIFIC OIL COMPANY - Langlie "B" #1 in Unit G of Section 11-25-37.

Completed in Blinebry on December 1, 1963. Top of Perforations 5300'.

UNION TEXAS PETROLEUM CORPORATION - Stuart #7 in Unit F of Section 11-25-

37. Completed in Blinebry on October 27, 1963. Top of Perforations 5307'.

UNION TEXAS PETROLEUM CORPORATION - Stuart #8 in Unit E of Section 11-25-

37. Completed in Blinebry on January 20, 1964. Top of Perforations 5406'.

Pool boundary colored in red.

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

CASE 2990: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County EDDY Pool LUSK-STRAWN

Township 19 Range 31 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.

Delhi Taylor Oil Corp. - Jones No. 1-23 in unit K of Section 23-19-31. Completed in Strawn October 15, 1963 through perforations 11174 to 11236'.

Pool boundary colored in red.

Proposed extensions colored in green. Section 23: S/2

Section 24: S/2

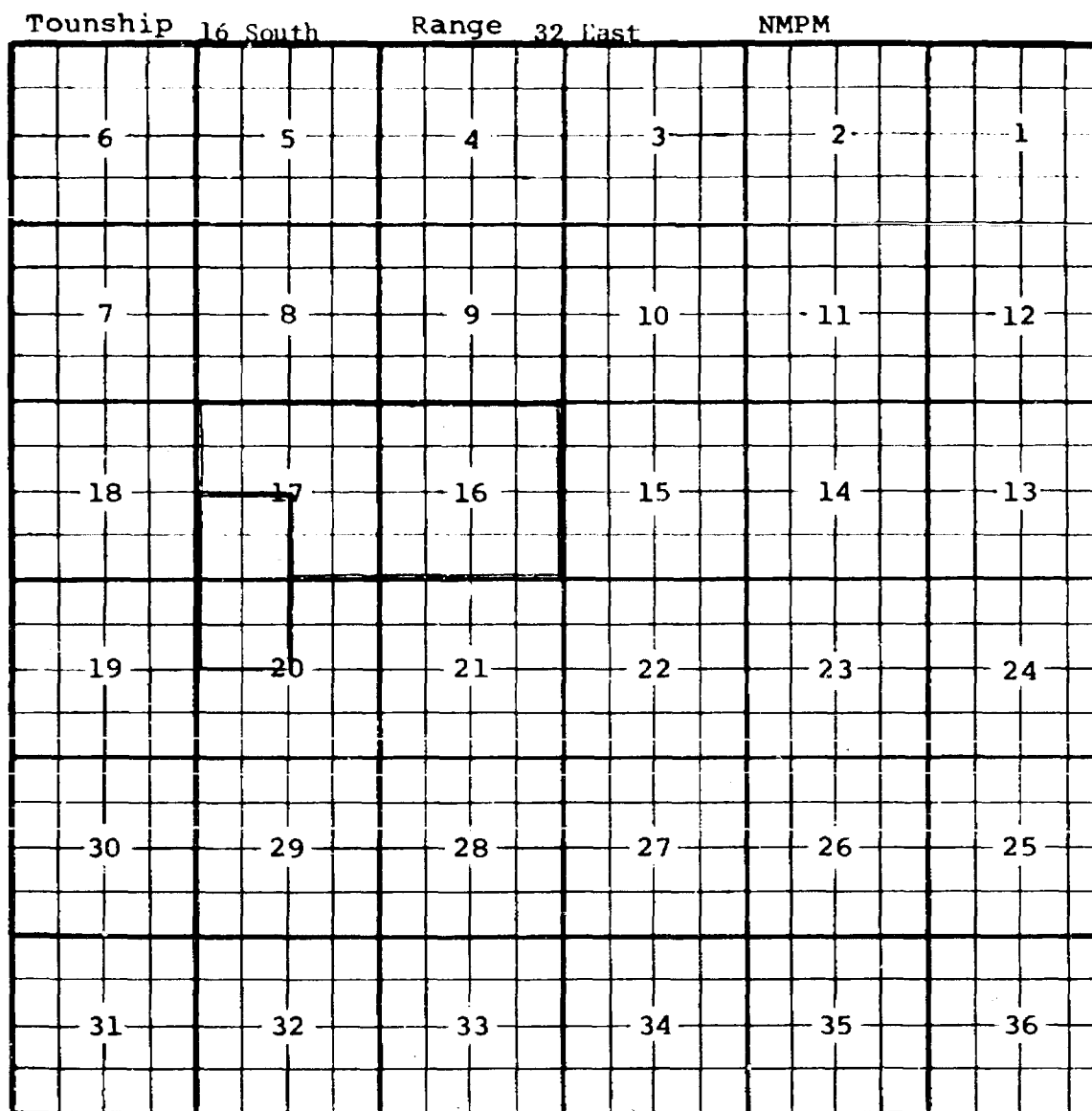
County LEA Pool LUSK-STRAWN

PAN AMERICAN PETROLEUM CORPORATION - Plains Unit #3X-in Unit L of Section 28-19-32. Completed in Strawn on November 16, 1963. Top of Perforations 11,458'.

Proposed pool extension colored in green. SECTION 28: W/2

CASE 2990: (m) EXTENSION OF AN EXISTING OIL POOL

County LSA Pool MESA-QUEEN



PURPOSE: Two completed oil wells capable of producing.

SHELL OIL COMPANY - State MQD #1 in Unit N of Section 17-16-32. Completed in Queen on December 16, 1963. Top of Perforations 3388'.

SHELL OIL COMPANY - State MQD #2 in Unit K of Section 17-16-32. Completed in Queen on December 28, 1963. Top of Perforations 3369'.

ADDITION--SHELL OIL COMPANY - De Cleve State #1 in Unit D of Section 20-16-32. Completed in Queen on January 23, 1964. Top of Perforations 3408'.

Pool boundary colored in red.

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

ADDITION-----SECTION 20: NW/4

CASE 2990: (n) EXTENSION OF AN EXISTING OIL POOL

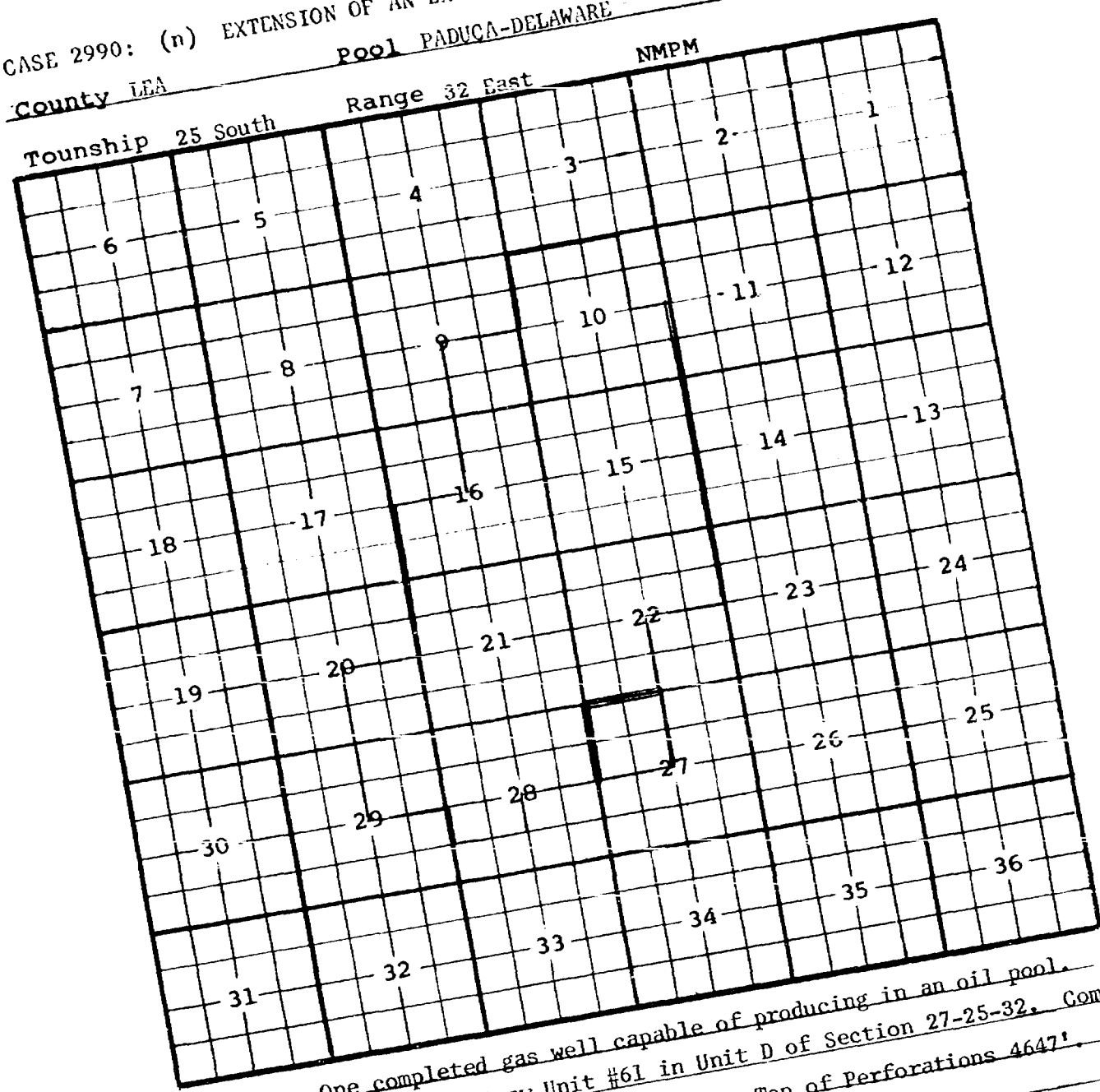
County LEA

Pool PADUCA-DELAWARE

Township 25 South

Range 32 East

NMPM



PURPOSE: One completed gas well capable of producing in an oil pool.
TEXACO, INC. - Cotton Draw Unit #61 in Unit D of Section 27-25-32. Com-
pleted in Delaware on September 18, 1963. Top of Perforations 4647'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 27: NW/4

CASE 2990: (o) 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: One completed oil well capable of producing.

ERNEST A. HANSON - Mescalero Ridge Unit #1-35 in Unit I of Section 35-19-34. Completed in Queen on December 12, 1963. Top of Perforations 4580'.

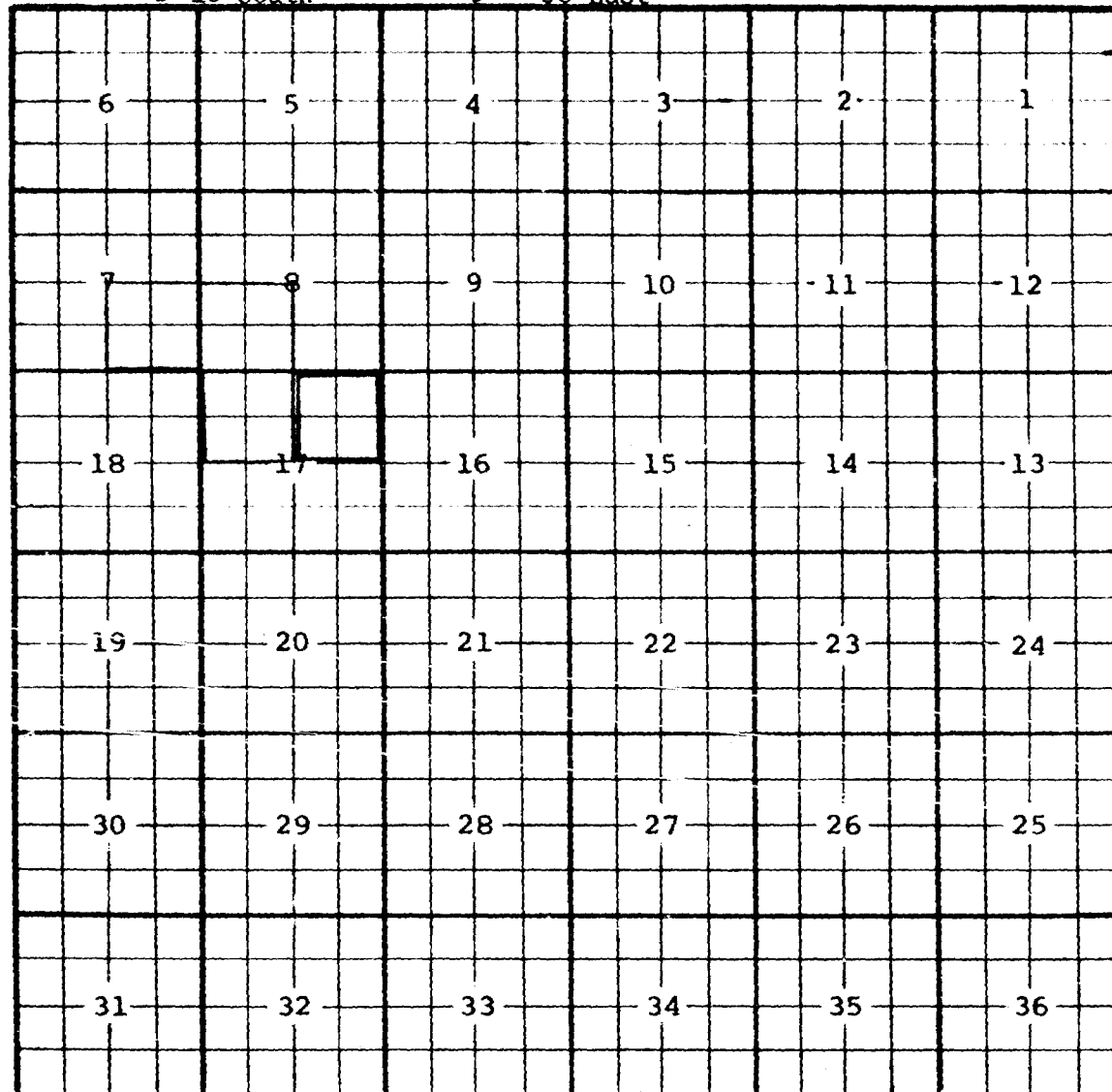
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: S/2

CASE 2990: (p) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH VACUUM-DEVONIAN

Township 18 South Range 35 East NMPM



PURPOSE: One completed oil well capable of producing.

SINCLAIR OIL & GAS COMPANY - State Lea 403 #6 in Unit B of Section 17-18-35. Completed in Devonian on December 2, 1963. Top of Perforations 11,642'.

Pool boundary colored in red.

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

CASE 2990: (q) EXTENSION OF AN EXISTING 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: Two completed oil wells capable of producing.

TEXACO, INC. - State of New Mexico Q #4 in Unit P of Section 25-17-34.
Completed in Pennsylvanian on November 10, 1963. Top of Perforations
10,069'.

SOCONY MOBIL OIL COMPANY, INC. - State Bridges #98 in Unit J of Section
26-17-34. Completed in Pennsylvanian on December 15, 1963. Top of
Perforations 11,460'.

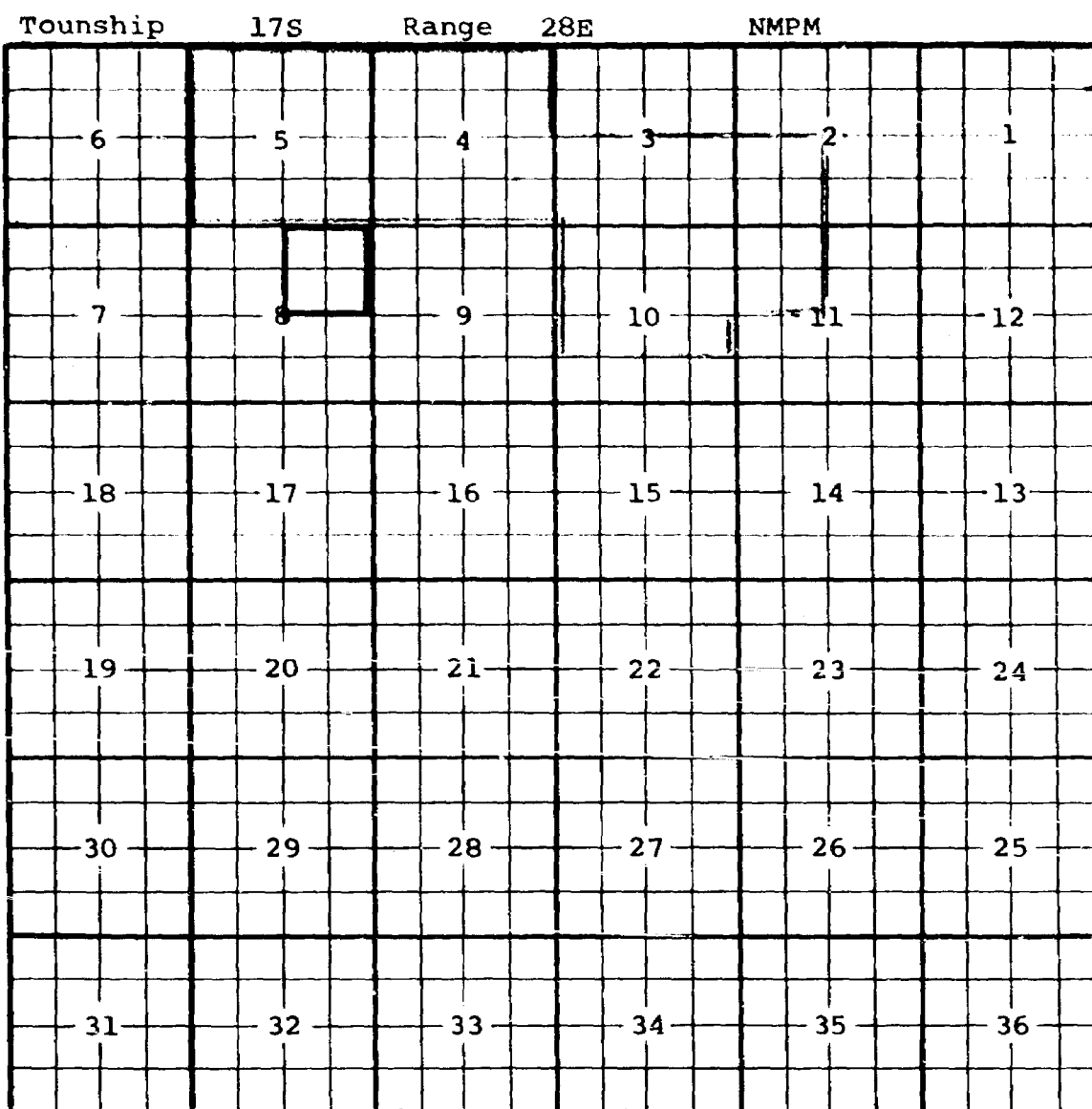
Pool boundary colored in red.

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

SECTION 26: SE/4

CASE 2990: (r) EXTENSION OF AN EXISTING GAS POOL

County EDDY Pool VANDAGRIFF KEYES GAS



Purpose: One completed gas well capable of producing.

CHEMICAL EXPRESS, INC., Delhi State Well No. 3 in unit H of
Section 8-17-28. Completed in Queen, August 19, 1963 through
perforations 1302' to 1318'.

Pool boundary colored in red.

Proposed extension colored in green. Section 8: NE/4

CASE 2990:

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 Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy 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 an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

- (c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

- (d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Getty-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: All

- (e) EXTEND the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: SE/4 NW/4

- (f) EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein:

Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

- (g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

- (h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

- ALLOWABLE: (1) Consideration of the oil allowable for March, 1964.
- (2) Consideration of the allowable production of gas for March, 1964, 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, 1964.

CASE 2989:

Application of Skelly Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the West Jal-Strawn Gas Pool underlying all of Section 17, Township 25 South, Range 36 East, Lea County, New Mexico.

3307-2000

In the matter of the application of the Oil Conservation Order

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

- (g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

- (h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

ADDITION:

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: NE/4 SW/4

- (k) EXTEND the North Justis-Blaine Pool in Lea County, New Mexico, to include therein:

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

- (l) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

CASE 2990:

IN the matter of the application of the Oil and Gas Commission of New Mexico upon its own motion for an order for the creation of new pools in Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy 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 an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

- (c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

- (r) EXTEND the VERDEGRASS RE, in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 8: NE/4

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM

SECTION 23: S/2

SECTION 24: S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM

SECTION 28: W/2

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

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM

SECTION 17: SW/4

ADDITION-----SECTION 20: NW/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

SECTION 27: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

SECTION 35: S/2

- (p) EXTEND the North Vacuum-Devonian Pool in Lea County,
New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

SECTION 17: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

SECTION 25: SE/4

SECTION 26: SE/4

- (r) EXTEND the Vandagriff Keyes Gas Pool in Eddy
County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM

SECTION 8: NE/4

DOCKET: REGULAR HEARING - THURSDAY - FEBRUARY 13, 1964

Oil Conservation Commission - 9 A.M. - Morgan Hall, State Land Office
Building, Santa Fe, New Mexico

- ALLOWABLE: (1) Consideration of the oil allowable for March, 1964.
- (2) Consideration of the allowable production of gas for March, 1964, 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, 1964.

CASE 2989: Application of Skelly Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order force-pooling all mineral interests in the West Jal-Strawn Gas Pool underlying all of Section 17, Township 25 South, Range 36 East, Lea County, New Mexico.

CASE 2990: 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 Lea and Eddy Counties, New Mexico, and extensions of certain existing pools in Lea and Eddy 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 an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

- (c) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

Case 2990 continued from page 1

- (d) CREATE a new pool in Eddy County, New Mexico classified as a gas pool for Morrow production, designated as the Getty-Morrow Gas Pool, and described as:

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: All

- e. Morrow*
(e) EXTEND the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: SE/4 NW/4

- (f) EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

- (g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

- (h) EXTEND the Grayburg Jackson-Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

plan

Case 2990 continued from page 2

- 211*
- (k) EXTEND the North Justis-Blinebry Pool in Lea County, New Mexico, to include therein:

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

- (l) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 28: W/2

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

plus

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

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: NW/4

- in there*
- (o) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: S/2

- (p) EXTEND the North Vacuum-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4
SECTION 26: SE/4

Docket No. 5-54

Case 2990 continued from page 3

(r) EXTEND the Vandagriff Keyes Gas Pool in Eddy
County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 8: NE/4

NOMENCLATURE ADVERTISEMENT FOR FEBRUARY, 1964

CASE 2987 2990 *ER*

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Eddy and Lea Counties, New Mexico, and extensions of certain existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the Bar U-Pennsylvanian Pool, and described as:

✓ TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

b) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Bone Springs production, designated as the Buffalo-Bone Springs Pool, and described as:

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cass Ranch-Morrow Gas Pool, and described as:

✓ TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production, designated as the Cetty-Morrow Gas Pool, and described as:

✓ TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: All

e) EXTEND the Artesia Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: SE/4 NW/4

f) EXTEND the South Corbin-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

g) EXTEND the Fowler-Tubb Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

h) EXTEND the Grayburg/Jackson-Queen-Grayburg-San Andres Pool in Eddy

-2- February, 1964 Nomenclature

County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

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

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

k) EXTEND the North Justis-Blinberry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: S/2 N/2

l) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

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

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 28: W/2

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

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

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

✓ TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: NW/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: S/2

p) EXTEND the North Vacuum-Devonian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

q) EXTEND the Vacuum-Pennsylvanian Pool in Lea County, New Mexico, to

-3- February, 1964 Nomenclature

include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4
SECTION 26: SE/4

r) EXTEND the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 8: NE/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. 2990
ORDER NO. R-2651

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 13, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 14th day of February, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and subject thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Bar U-Pennsylvanian Pool. Said Bar U-Pennsylvanian Pool was discovered by Lario Oil and Gas Company, State B No. 1, located in Unit P of Section 1, Township 9 South, Range 32 East, NMDM. It was completed in Pennsylvanian on October 23, 1963. The top of perforations is 9210 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of

-2-

Case No. 2990

Order No. R-2651

Buffalo-Bone Springs Pool. Said Buffalo-Bone Springs Pool was discovered by Pan American Petroleum Corporation, Mark Whelan No. 1, located in Unit F of Section 3, Township 19 South, Range 33 East, NMPM. It was completed in Bone Springs on October 26, 1963. The top of perforations is 10,314 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cass Ranch-Morrow Gas Pool. Said Cass Ranch-Morrow Gas Pool was discovered by Tom Brown Drilling Company, Kewanee State No. 1, located in Unit D of Section 2, Township 20 South, Range 23 East, NMPM. It was completed in Morrow on November 27, 1963. The top of perforations is 8501 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Getty-Morrow Gas Pool. Said Getty-Morrow Gas Pool was discovered by Odessa Natural Gasoline Company, Federal Dooley No. 1, located in Unit M of Section 24, Township 20 South, Range 29 East, NMPM. It was completed in Morrow on October 30, 1963. The top of perforations is 12,102 feet.

(6) That there is need for certain extensions to the Artesia Queen-Grayburg-San Andres Pool, the Grayburg Jackson-Queen-Grayburg-San Andres Pool, the North Hackberry-Yates Pool, the West Henshaw-Grayburg Pool, the Lusk-Strawn Pool, and the Vandagriff Keyes Gas Pool, all in Eddy County, New Mexico, the South Corbin-Queen Pool, the Fowler-Tubb Gas Pool, the North Justis-Blinbry Pool, the Lusk-Strawn Pool, the Mesa-Queen Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the North Vacuum-Devonian Pool, and the Vacuum-Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

-3-

Case No. 2990

Order No. R-2651

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

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

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

TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: All

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

-4-

Case No. 2990

Order No. R-2651

TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: SE/4 NW/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

(h) That the Grayburg-Jackson-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 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

(j) 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 29 EAST, NMPM
SECTION 24: NE/4 SW/4

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

-5-

Case No. 2990

Order No. R-2651

(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 25 SOUTH, RANGE 37 EAST, NMPM

SECTION 11: S/2 N/2

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

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM

SECTION 23: S/2

SECTION 24: S/2

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM

SECTION 28: W/2

(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, NMPM

SECTION 17: SW/4

SECTION 20: NW/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

SECTION 27: NW/4

(o) That the Pearl-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, NMPM

SECTION 35: S/2

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

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

SECTION 17: NE/4

-6-

Case No. 2990
Order No. R-2651

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4
SECTION 26: SE/4

(r) That the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 8: NE/4

IT IS FURTHER ORDERED:

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

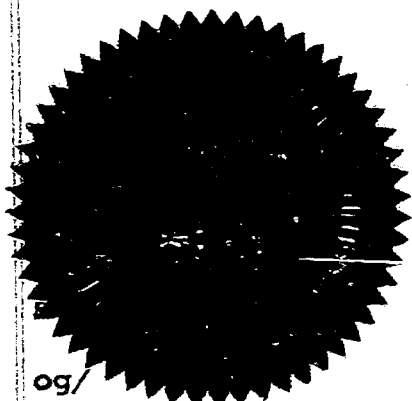
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

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

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



og/

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
February 13, 1964

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

Case No. 2990

BEFORE: 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

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 13, 1964

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

Case No. 2990

BEFORE: E. S. "Johnnie" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: The hearing will come to order, please.

The Commission will take up Case 2990, 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 Please, state your name and position for the record?

A Dan Nutter, Chief Engineer for the Oil Commission.

Q Are you prepared to make recommendations to the Commission



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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

today concerning the nomenclature in Southeast New Mexico?

A Yes, sir, I am.

Q In that connection have you prepared an exhibit?

A Yes, sir.

Q How is that marked?

A This is identified as Exhibit Number 1 in Case 2990.

Q Would you, please, refer to Exhibit Number 1 and to the docket that's been distributed here today and make your recommendations, pointing out, particularly, any additions that do not appear on the docket, or corrections?

A Yes. In Paragraph "A" I recommend the creation of a new pool to be designated the Bar U-Pennsylvanian Pool. This is the Lario Oil and Gas Company, State B Number 1, located in Unit F of Section 1, Township 9 South, Range 32 East. It was completed in the Pennsylvanian formation on October the 23rd, 1963. The top of the perforations is 9210 and the pool would comprise the Southeast Quarter.

In Paragraph "B" I recommend the creation of a new oil pool to be designated as the Buffalo-Bone Springs Pool. This is the Pan American Petroleum Corporation, Mark Whelan Number 1 in Unit F of Section 3, Township 19 South, Range 33 East, completed in Bone Springs formation, October 26, 1963, with the top of the perforations at 10,314 feet, the pool would comprise the Northwest Quarter.

In Paragraph "C" I recommend the creation of the Cass Ranch-



Morrow Gas Pool to comprise all of Section 2, Township 20 South, Range 23 East. Discovery well, Tom Brown Drilling Company, Kewanee State Number 1 in Unit D of Section 2. Completed in Morrow formation November 27, 1963, perforated interval 8501 to 8780 feet.

In Paragraph "D" I recommend the creation of the Getty-Morrow Gas Pool, to comprise all of Section 24, Township 20 South, Range 29 East. This pool was discovered by the Odessa Natural Gasoline Company, Federal Dooley Number 1 in Unit M of Section 24. Completed in the Morrow formation October 30, 1963, with the top of the perforations at 12,102 and the bottom at 12229.

I recommend that Paragraphs "E" through "I" be extended as shown on the docket which is identical to the exhibit.

I recommend that Paragraph "J" be extended as shown on the exhibit which differs from the docket in some respects, the total extension for the West Henshaw-Grayburg Pool will be Lot 5 of Section 3, Township 16 South, Range 30 East and the Northeast Quarter of the Southwest Quarter of Section 24, Township 16 South, Range 29 East.

I recommend that Paragraphs "K" and "L" be extended as shown on the exhibit which is identical to the docket.

I recommend that the Mesa-Queen Pool be extended as shown on the exhibit which is as on the docket with some deviation, the total extension would be the Southwest Quarter of Section 17 and the Northwest Quarter of Section 20, both in Township 16 South,



Range 32 East.

I recommend that the remainder of the pools be extended as shown on the exhibit which is identical to the docket, being Paragraphs "N" through "R".

Q Do you have anything further to offer in this case?

A No, sir.

Q Was Exhibit 1 prepared by you or under your direction?

A It was.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit 1 and that concludes my examination of Mr. Nutter.

MR. PORTER: Without objection the exhibit will be admitted, does anyone have any questions of this witness? Mr. Nutter, you may be excused. The Commission 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



DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

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

STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss

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 17th day of February, 1964.

Norris R. Crownover
NOTARY PUBLIC

My Commission Expires:
July 11, 1967.



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
February 13, 1964

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

Case No. 2990

BEFORE: 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

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe New Mexico
February 13 1961

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

Case No. 2990

BEFORE: E. S. "Johannie" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: The hearing will come to order, please.

The Commission will take up Case 2990, 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 Please, state your name and position for the record?

A Dan Nutter, Chief Engineer for the Oil Commission.

Q Are you prepared to make recommendations to the Commission



today concerning the nomenclature in Southeast New Mexico?

A Yes, sir, I am.

Q In that connection have you prepared an exhibit?

A Yes, sir.

Q How is that marked?

A This is identified as Exhibit Number 1 in Case 2990.

Q Would you, please, refer to Exhibit Number 1 and to the docket that's been distributed here today and make your recommendations, pointing out, particularly, any additions that do not appear on the docket, or corrections?

A Yes. In Paragraph "A" I recommend the creation of a new pool to be designated the Bar U-Pennsylvanian Pool. This is the Lario Oil and Gas Company, State B Number 1, located in Unit P of Section 1, Township 9 South, Range 32 East. It was completed in the Pennsylvanian formation on October the 23rd, 1963. The top of the perforations is 9810 and the pool would comprise the Southeast Quarter.

In Paragraph "B" I recommend the creation of a new oil pool to be designated as the Buffalo-Bone Springs Pool. This is the Pan American Petroleum Corporation, Mark Whelan Number 1 in Unit F of Section 3, Township 19 South, Range 33 East, completed in Bone Springs formation, October 26, 1963, with the top of the perforations at 10,314 feet, the pool would comprise the Northwest Quarter.

~~In Paragraph "C" I recommend the creation of the Cass Ranch~~



Morrow Gas Pool to comprise all of Section 2, Township 20 South, Range 23 East. Discovery well, Tom Brown Drilling Company, Kewanee State Number 1 in Unit D of Section 2. Completed in Morrow formation November 27, 1963, perforated interval 8501 to 8720 feet.

In Paragraph "D" I recommend the creation of the Getty-Morrow Gas Pool, to comprise all of Section 24, Township 20 South, Range 29 East. This pool was discovered by the Odessa Natural Gasoline Company, Federal Dooley Number 3 in Unit M of Section 24. Completed in the Morrow formation October 30, 1963, with the top of the perforations at 12,102 and the bottom at 12229.

I recommend that Paragraphs "E" through "I" be extended as shown on the docket which is identical to the exhibit.

I recommend that Paragraph "J" be extended as shown on the exhibit which differs from the docket in some respects, the total extension for the West Henshaw-Grayburg Pool will be Lot 5 of Section 3, Township 16 South, Range 30 East and the Northeast Quarter of the Southwest Quarter of Section 24, Township 16 South, Range 29 East.

I recommend that Paragraphs "K" and "L" be extended as shown on the exhibit which is identical to the docket.

I recommend that the Mesa-Queen Pool be extended as shown on the exhibit which is as on the docket with some deviation, the total extension would be the Southwest Quarter of Section 17 and the Northwest Quarter of Section 20, both in Township 16 South.



Range 32 East.

I recommend that the remainder of the pools be extended as shown on the exhibit which is identical to the docket, being Paragraphs "H" through "R".

Q Do you have anything further to offer in this case?

A No, sir.

Q Was Exhibit 1 prepared by you or under your direction?

A It was.

MR. DURRETT: If the Commission please, I move the introduction of Exhibit 1 and that concludes my examination of Mr. Nutter.

MR. PORTER: Without objection the exhibit will be admitted, does anyone have any questions of this witness? Mr. Nutter, you may be excused. The Commission 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)
COUNTY OF BERNALILLO) ss

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 17th day of February, 1964.


NOTARY PUBLIC

My Commission Expires:

July 11, 1967.

DEARNLEY, MEIER, WILKINS and CROWNOVER

General Court Reporting Service

Phone 243-6691

Albuquerque, New Mexico

Suite 1120 Simms Building



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. 2990
ORDER NO. R- : :
R-2651

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 13, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this day of February, 1964, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Bar U-Pennsylvanian Pool. Said Bar U-Pennsylvanian Pool was discovered by Lario Oil and Gas Company, State B No. 1, located in ~~the NW 1/4~~, Unit P of Section 1, Township 9 South, Range 32 East, NMPM. It was completed in Pennsylvanian on October 23, 1963. The top of perforations is 9210 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of Buffalo-Bone Springs Pool. Said Buffalo-Bone Springs Pool was discovered by Pan American Petroleum Corporation, Mark Whelan No. 1, located in ~~the NW 1/4~~, Unit F of Section 3, Township 19 South, Range 33 East, NMPM. It was completed in Bone Springs on October 26, 1963. The top of perforations is 10,314 feet.

(4) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cass Ranch-Morrow Gas Pool. Said Cass Ranch-Morrow Gas Pool was discovered by Tom Brown Drilling Company, Kewanee State No. 1, located in ~~the NW 1/4~~, Unit D of Section 2, Township 20 South, Range 23 East, NMPM. It was completed in Morrow on November 27, 1963. The top of perforations is 8501 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Getty-Morrow Gas Pool. Said Getty-Morrow Gas Pool was discovered by Odessa Natural Gasoline Company, Federal Dooley No. 1, located in ~~the SW 1/4~~, Unit M of Section 24, Township 20 South, Range 29 East, NMPM. It was completed in Morrow on October 30, 1963. The top of perforations is 12,102 feet.

(6) That there is need for certain extensions to the Artesia Queen-Grayburg-San Andres Pool, the Grayburg Jackson-Queen-Grayburg-San Andres Pool, the North Hackberry-Yates Pool, the West Henshaw-Grayburg Pool, the Lusk-Strawn Pool, and the Vandagriff Keyes Gas Pool, all in Eddy County, New Mexico, the South Corbin-Queen Pool, the Fowler-Tubb Gas Pool, the North Justis-Blinbry Pool, the Lusk-Strawn Pool, the Mesa-Queen Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the North Vacuum-Devonian Pool, and the Vacuum-Pennsylvanian 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 Pennsylvanian production, is hereby created and designated as the Bar U-Pennsylvanian Pool, consisting of the following described area:

✓ TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 1: SE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
SECTION 3: NW/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 23 EAST, NMPM
SECTION 2: All

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

✓ TOWNSHIP 20 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: All

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

✓ TOWNSHIP 18 SOUTH, RANGE 28 EAST, NMPM
SECTION 6: SE/4 NW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM
SECTION 33: E/2

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

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 22: All

(h) That the Grayburg Jackson-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 30 EAST, NMPM
SECTION 10: SE/4 SE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 32: N/2 N/2

(j) 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 29 EAST, NMPM
SECTION 24: NE/4 SW/4

✓ TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
SECTION 3: Lot 5

(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 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 11: S/2 N/2

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

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

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 28: W/2

(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, NMPM
SECTION 17: SW/4
SECTION 20: NW/4

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

✓ TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: NW/4

(o) That the Pearl-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, NMPM
SECTION 35: S/2

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

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 17: NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
SECTION 25: SE/4
SECTION 26: SE/4

(r) That the Vandagriff Keyes Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
SECTION 8: NE/4

IT IS FURTHER ORDERED:

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

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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