

CASE 3045:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

CASE NO.  
3045

Application,  
TRANSCRIPTS,  
SMALL Exhibits  
ETC.

DOCKET FOR MAY, 1964 NOMENCLATURE HEARING

Paragraphs (a) and (b) are as advertised.

Paragraph (c) has this addition:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: NW/4

Paragraphs (d) through (h) are as advertised.

Paragraph (i) has this addition:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 35: SE/4

Paragraph (j) has this addition:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 35: SE/4

NEW POOLS

a) It is recommended that a new oil pool be created and designated as the SOUTH DOUBLE A-ABO Pool.

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

Discovery well was Lone Star Prod. Company - Atlantic State #1 located in Unit G Section 30 Township 17 Range 36 and was completed on February 14, 1964 with an initial potential of ###BOPD/MCFDPD Top of perforations is at 9148 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/MCFDPD. 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/MCFDPD. Top of perforations is at \_\_\_\_\_ feet.

CASE 3045: (a) CREATION OF A NEW OIL POOL

County LEA Pool SOUTH DOUBLE A-AEO

Township 17 South Range 36 East NMPM

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

PURPOSE: One completed oil well capable of producing.

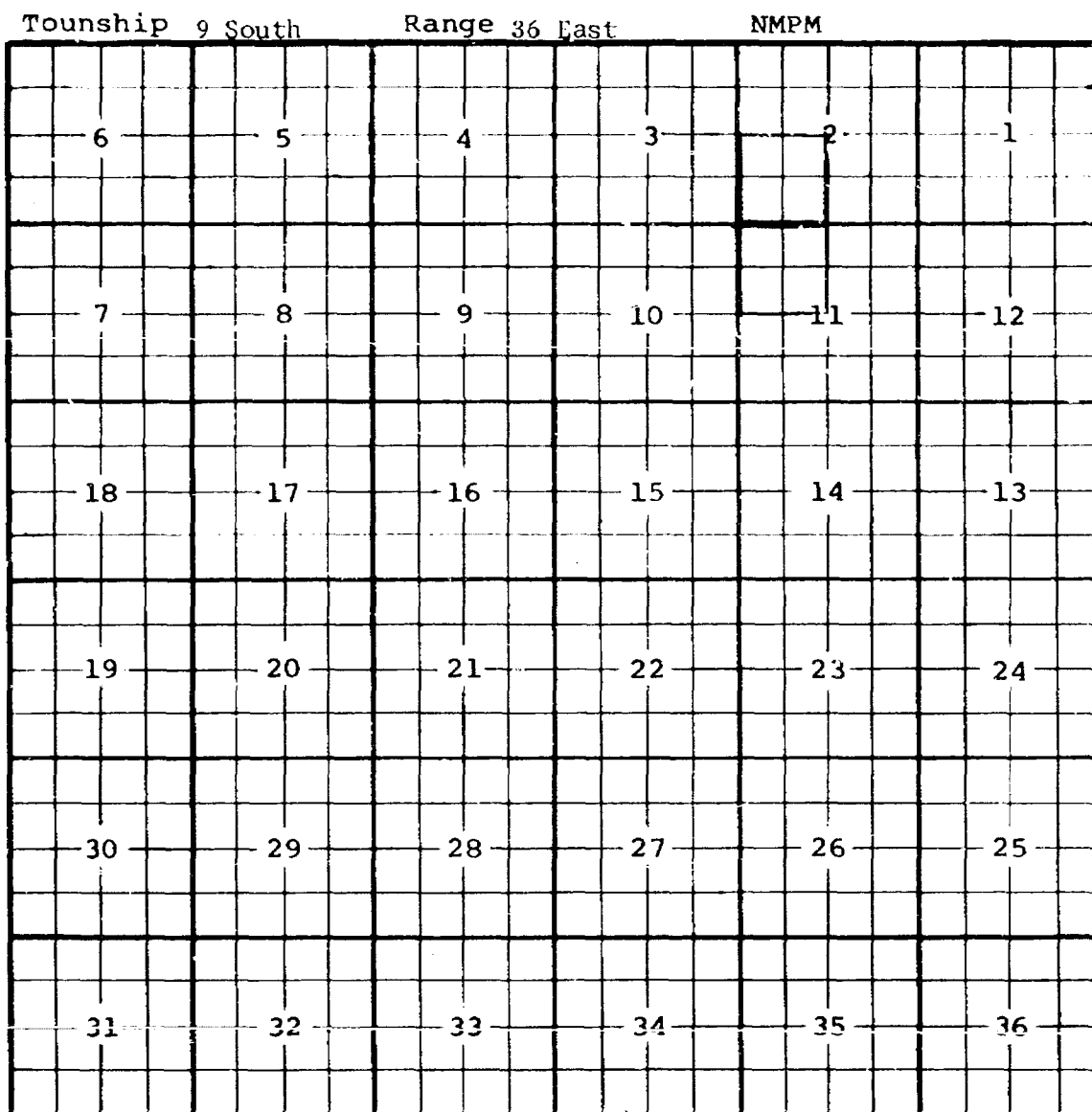
LONE STAR PROD. COMPANY - Atlantic State #1 in Unit G of Section 30-17-36.

Completed in Abo Detrital on February 14, 1964. Top of Perforations 9148'.

Proposed pool boundary colored in red. SECTION 30: NE/4

CASE 3045: (b) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool ALLISON-ABO



PURPOSE: One completed oil well capable of producing.

THE ATLANTIC REFINING COMPANY - State AD #1 in Unit N of Section 2-9-36.

Completed in Abo on March 14, 1964. Top of Perforations 8976'.

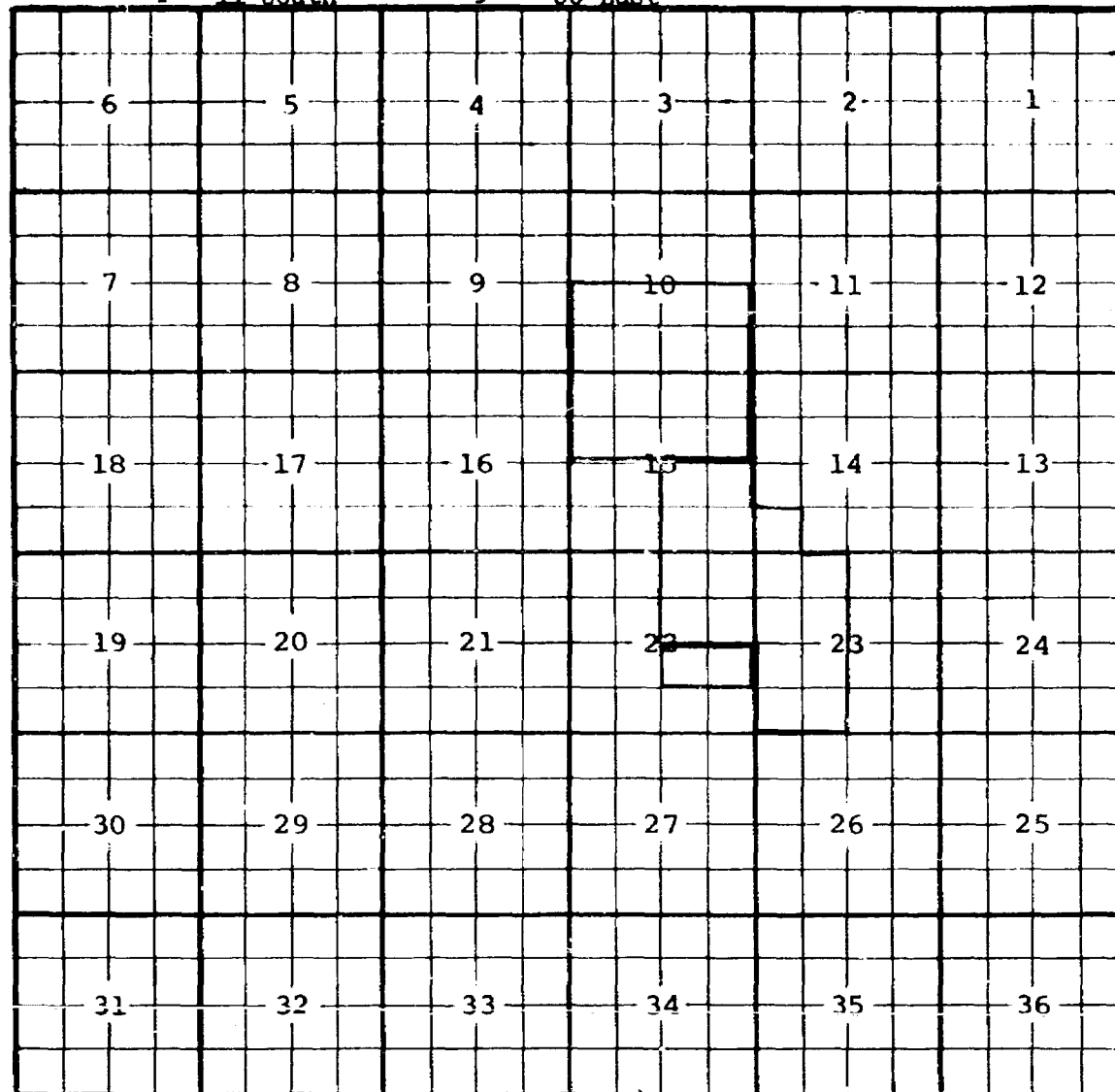
Pool boundary colored in red.

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

CASE 3045: (c) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH BAGLEY-UPPER PENNSYLVANIAN

Township 11 South Range 33 East NMPM



PURPOSE: One completed oil well capable of producing plus extension of two 40 acre tracts for dedicated acreage.

FELMONT OIL CORPORATION - State F #1 in Unit K of Section 10-11-33. Completed in Upper Pennsylvanian on March 22, 1964. Top of Perforations 9486'.

DEANE H. STOLTZ - J. D. Guye #1 in Unit H of Section 22-11-33. Completed in Upper Pennsylvanian on November 6, 1963. Top of Perforations 9396'.

DEANE H. STOLTZ- State 262 #1 in Unit G of Section 22-11-33. Completed in Upper Pennsylvanian on February 20, 1964. Top of Perforations 9422'.

ADDITION--FELMONT OIL CORPORATION - Felmont Hissom State #1 in Unit F of Section 15-11-33. Completed in Upper Pennsylvanian on April 29, 1964. Top of Perforations 9601'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 10: S/2

SECTION 11: NE/4

SECTION 22: N/2 SE/4

ADDITION---SECTION 15: NW/4

CASE 3045: (d) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool BAISH-WOLFCAMP

Tounship 17 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.

CONTINENTAL OIL COMPANY - Baish A #12 in Unit A of Section 21-17-32.

Completed in Wolfcamp on February 27, 1964. Top of Perforations 9826'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 21: NE/4



CASE 3045: (c) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH LANE-PENNSYLVANIAN

Township 10 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.

SAM BOREN & MAJOR & GIEBEL OILS - Humble State C #1 in Unit I of Section 34-10-33. Completed in Bough "C" on February 27, 1964. Top of Perforations 9700'.

Pool boundary colored in red.

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

CASE 3045: (F) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LEA-BONE SPRINGS

Township 20 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.

EDWIN FOSTER BLAIR - Lea Federal #1 in Unit K of Section 11-20-34. Completed in Bone Springs on March 3, 1964. Top of Perforations 10,126'.

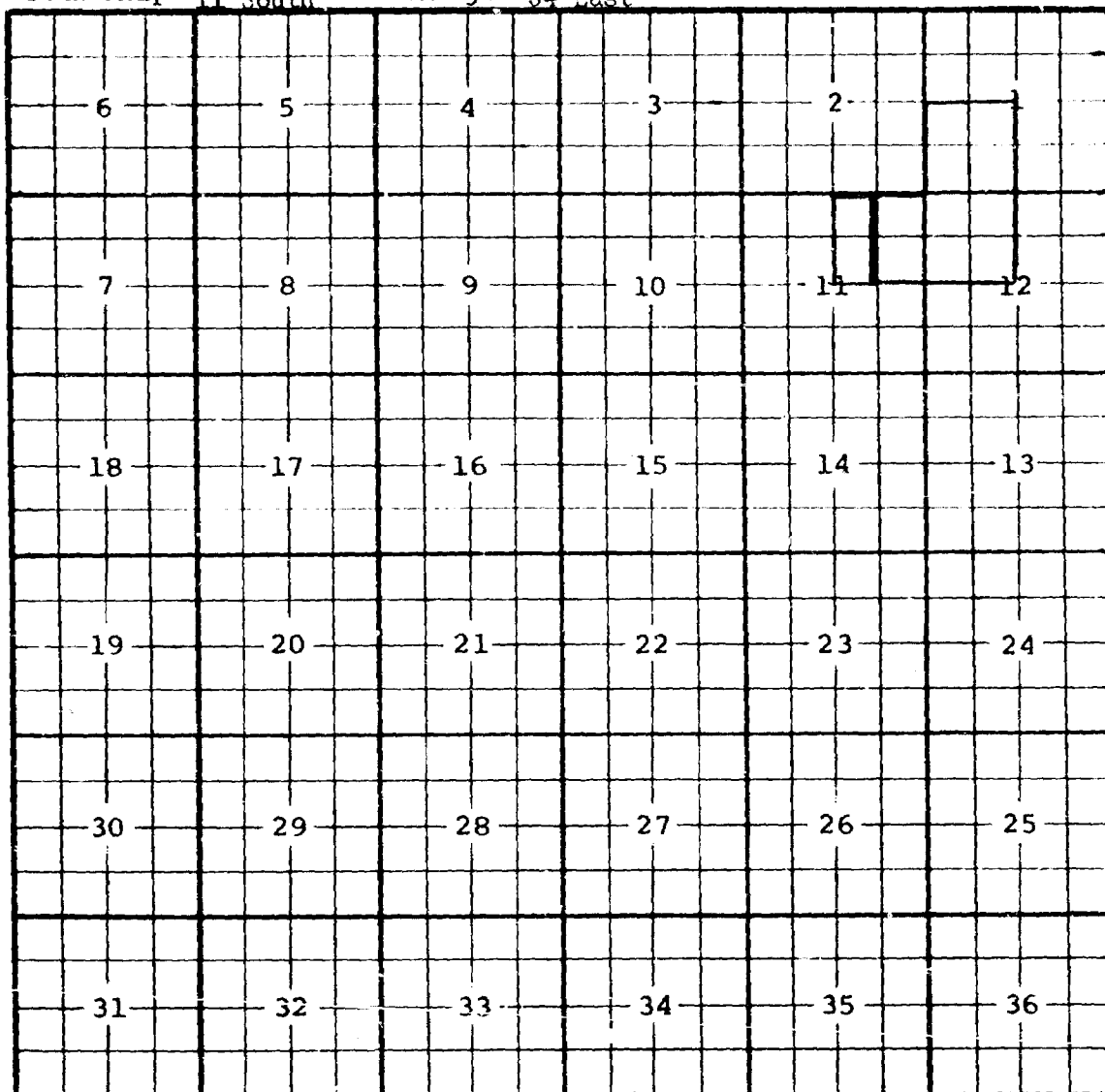
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: SW/4

CASE 3045: (g) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SAND SPRINGS-DEVONIAN

Township 11 South Range 34 East NMPM



PURPOSE: One completed oil well capable of producing.

HILL & MEEKER - State "II" #1 in Unit G of Section 11-11-34. Completed in Devonian on February 22, 1964. Depth to casing shoe 13,129'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: W/2 NE/4

CASE 3045: (h) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH VACUUM-ABO

Township 17 South Range 35 East NMPM

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

PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35.

Completed in Abo on February 11, 1964. Top of Perforations 9162'.

Pool boundary colored in red.

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

CASE 3045: (i) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-GLORIETA

Township 17 South Range 35 East NMPM

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

PURPOSE: Twenty-seven completed oil wells capable of producing.

Pool boundary colored in red.

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

SECTION 27: All

SECTION 28: All

SECTION 29: All

SECTION 30: S/2 and NE/4

SECTION 31: S/2

SECTION 32: All

SECTION 33: All

SECTION 34: N/2 NW/4

PHILLIPS PETROLEUM COMPANY - Santa Fe #86 in Unit C of Section 26-17-35.

Completed in Glorieta on November 22, 1963. Top of Perforations 6152'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #89 in Unit E of Section 26-17-35.

Completed in Paddock on February 18, 1964. Top of Perforations 6131'.

Completed in Paddock on February 18, 1964.

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	VACUUM-GLORIETA
TOWNSHIP	17 South	RANGE	35 East NNIN

PHILLIPS PETROLEUM COMPANY - Santa Fe #94 in Unit D of Section 26-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6132'.

CITIES SERVICE OIL COMPANY - State "K" #5 in Unit H of Section 27-17-35. Completed in Paddock on September 6, 1963. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #6 in Unit G of Section 27-17-35. Completed in Paddock on January 1, 1964. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #7 in Unit A of Section 27-17-35. Completed in Paddock on January 29, 1964. Top of Perforations 6114'.

CITIES SERVICE OIL COMPANY - State K #8 in Unit B of Section 27-17-35. Completed in Paddock on April 10, 1964. Top of Perforations 6138'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #80 in Unit N of Section 27-17-35. Completed in Glorieta on January 11, 1964. Top of Perforations 6072'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #90 in Unit M of Section 27-17-35. Completed in Paddock on March 6, 1964. Top of Perforations 6074'.

SHELL OIL COMPANY - State V #5 in Unit I of Section 27-17-35. Completed in Paddock on November 8, 1963. Top of Perforations 6134'.

SHELL OIL COMPANY - State "V" #6 in Unit P of Section 27-17-35. Completed in Glorieta on April 21, 1964. Top of Perforations 6142'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #5 in Unit O of Section 27-17-35. Completed in Paddock on April 8, 1964. Top of Perforations 6102'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #7 in Unit K of Section 27-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6051'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #9 in Unit J of Section 27-17-35. Completed in Paddock on March 26, 1964. Top of Perforations 6084'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #19 in Unit P of Section 28-17-35. Completed in Glorieta on April 17, 1964. Top of Perforations 6083'.

SHELL OIL COMPANY - State "I" #2 in Unit E of Section 29-17-35. Completed in Glorieta on February 7, 1964. Top of Perforations 6111'.

SHELL OIL COMPANY - State "B" #3 in Unit I of Section 30-17-35. Completed in Glorieta on April 1, 1964. Top of Perforations 6076'.

TEXACO, INC. - State of New Mexico "N" #5 in Unit M of Section 30-17-35. Completed in Glorieta on April 10, 1964. Top of Perforations 6025'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35. Completed in Glorieta on February 16, 1964. Top of Perforations 6030'.

SHELL OIL COMPANY - State "D" #2 in Unit M of Section 31-17-35. Completed in Glorieta on February 24, 1964. Top of Perforations 5990'.

HUMBLE OIL & REFINING COMPANY - New Mexico State "K" #17 in Unit P of Section 32-17-35. Completed in Glorieta on February 4, 1964. Top of Perforations 6134'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #18 in Unit I of Section 32-17-35. Completed in Glorieta on April 9, 1964. Top of Perforations 6110'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #20 in Unit O of Section 32-17-35. Completed in Glorieta on April 18, 1964. Top of Perforations 6121'.

MARATHON OIL COMPANY - State Warn A/C 3 #5 in Unit H of Section 33-17-35. Completed in Glorieta on August 11, 1963. Top of Perforations 6097'.

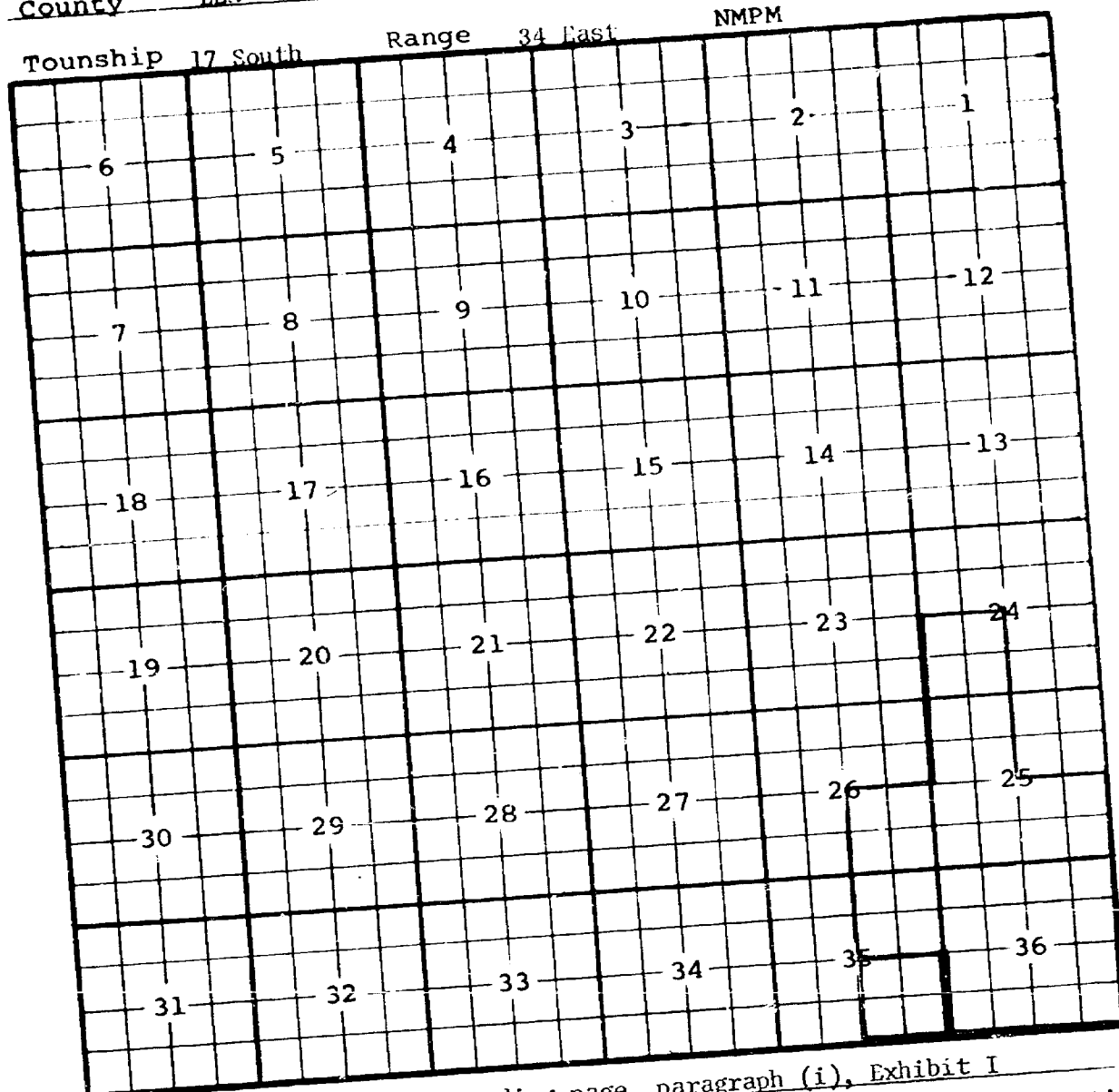
MARATHON OIL COMPANY - State Warn A/C 3 #6 in Unit G of Section 33-17-35. Completed in Glorieta on March 15, 1964. Top of Perforations 6098'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #91 in Unit A of Section 33-17-35. Completed in Paddock on April 7, 1964. Top of Perforations 6083'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #95 in Unit B of Section 33-17-35. Completed in Paddock on April 21, 1964. Top of Perforations 6079'.

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool VACUUM-GLORIETA  
Tounship 17 South Range 34 East NMPM



PURPOSE: As stated on preceding page, paragraph (i), Exhibit I  
ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #8 in Unit P of Section  
35-17-34. Completed in Glorieta on April 16, 1964. Top of  
Perforations 6069'.

Pool boundary colored in red.

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

CASE 3045: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-WOLFCAMP

Township 17 South Range 35 East NMPM

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

PURPOSE: To take in dedicated acreage outside of pool.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35.

Completed in Wolfcamp on January 30, 1964. Top of Perforations 10,006'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: NW/4



CASE 3045: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool VACUUM-WOLFCAMP

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

ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #8 in Unit P of Section

35-17-34. Completed in Wolfcamp on April 13, 1964. Top of

Perforations 9546'.

Pool boundary colored in red.

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

**CASE 3045: (a) CREATION OF A NEW OIL POOL**

County LEA Pool SOUTH DOUBLE A-ABO

Township 17 South Range 36 East NMPM

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

**PURPOSE:** One completed oil well capable of producing.

**LONE STAR PROD. COMPANY** - Atlantic State #1 in Unit G of Section 30-17-36.

Completed in Abo Detrital on February 14, 1964. Top of Perforations 9148'.

Proposed pool boundary colored in red. SECTION 30: NE/4

**CASE 3045: (b) EXTENSION OF AN EXISTING OIL POOL**

County LEA

Pool ALLISON-ADD

Township 9 South

Range 36 East

Section 2

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** - State AD #1 in Unit N of Section 2-9-36.

Completed in Abo on March 14, 1964. Top of Perforations 8976'.

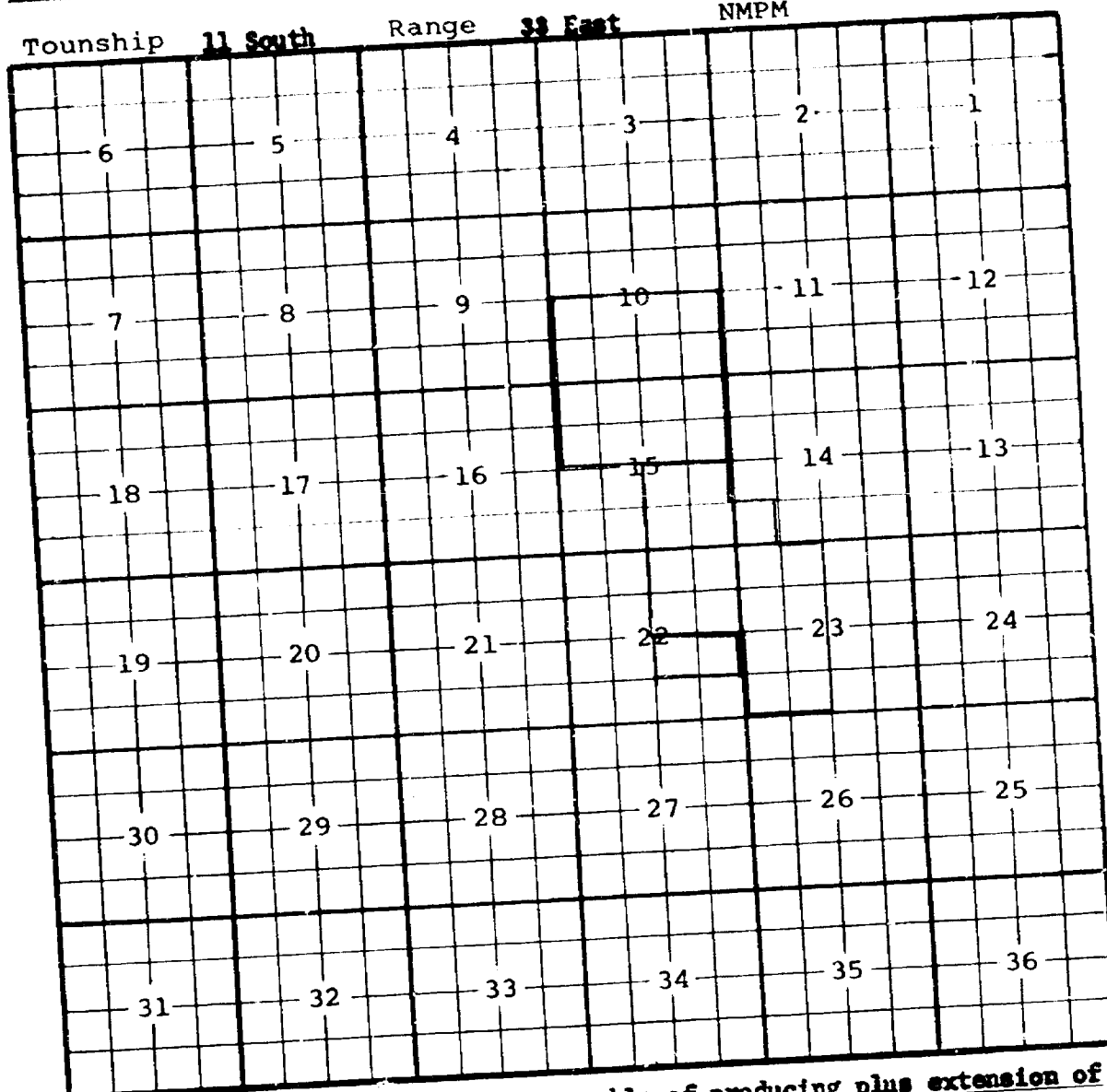
Pool boundary colored in red.

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

**CASE 8045: (c) EXTENSION OF AN EXISTING OIL POOL**

County LEA Pool NORTH BAGLEY-UPPER PENNSYLVANIAN

Township 11 South Range 33 East NMPM



**PURPOSE:** One completed oil well capable of producing plus extension of two 40 acre tracts for dedicated acreage.

**FELMONT OIL CORPORATION** - State F #1 in Unit K of Section 10-11-33. Completed in Upper Pennsylvanian on March 22, 1964. Top of Perforations 9486'.  
**DEANE H. STOLTZ** - J. D. Guye #1 in Unit H of Section 22-11-33. Completed in Upper Pennsylvanian on November 6, 1963. Top of Perforations 9396'.  
**DEANE H. STOLTZ** - State 262 #1 in Unit G of Section 22-11-33. Completed in Upper Pennsylvanian on February 20, 1964. Top of Perforations 9422'.  
**ADDITION--FELMONT OIL CORPORATION** - Felmont Hissom State #1 in Unit F of Section 15-11-33. Completed in Upper Pennsylvanian on April 29, 1964. Top of Perforations 9601'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 10: S/2

SECTION 11: NE/4

SECTION 12: N/2 SE/4

ADDITION---SECTION 15: NW/4

**CASE 3045: (d) EXTENSION OF AN EXISTING OIL POOL**

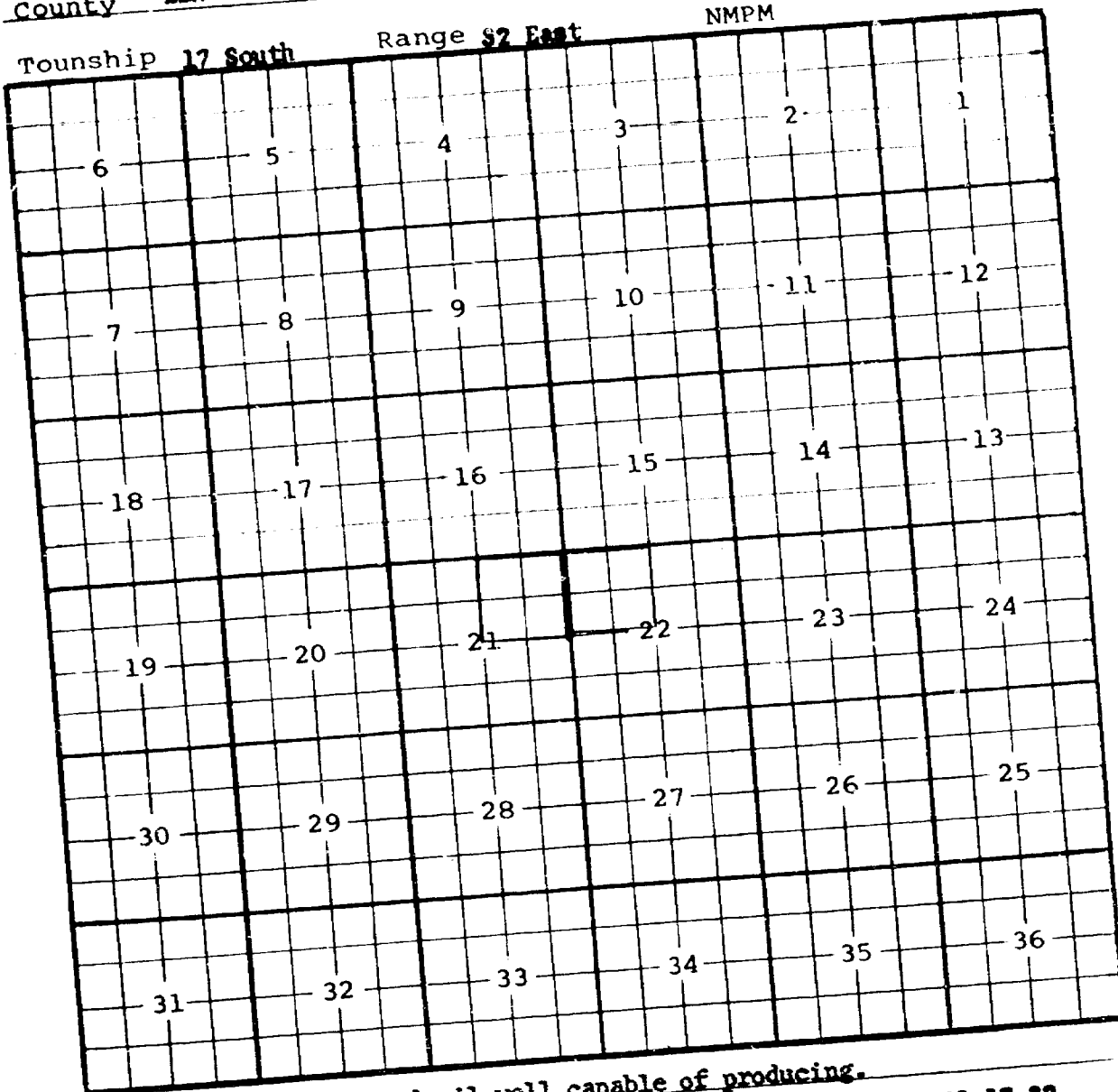
County LEA

Pool BAISH-WOLFCAMP

Township 17 South

Range S2 East

NMPM



**PURPOSE:** One completed oil well capable of producing.

**CONTINENTAL OIL COMPANY** - Baish A #12 in Unit A of Section 21-17-32.

Completed in Wolfcamp on February 27, 1964. Top of Perforations 9826'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 21: NE/4

CASE 3045: (e) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH LANE-PENNSYLVANIAN

Township 10 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.

**SAM BOREN & MAJOR & GIEBEL OILS** - Humble State C #1 in Unit I of Section 34-10-33. Completed in Bough "C" on February 27, 1964. Top of Perforations 9700'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: 3E/4

CASE 5045: (f) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LEA-BONE SPRINGS

Township 20 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.

EDWIN FOSTER BLAIR - Lea Federal #1 in Unit K of Section 11-20-34. Completed in Bone Springs on March 3, 1964. Top of Perforations 10,126'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: SW/4

CASE 3045: (g) EXTENSION OF AN EXISTING OIL POOL

County LEA

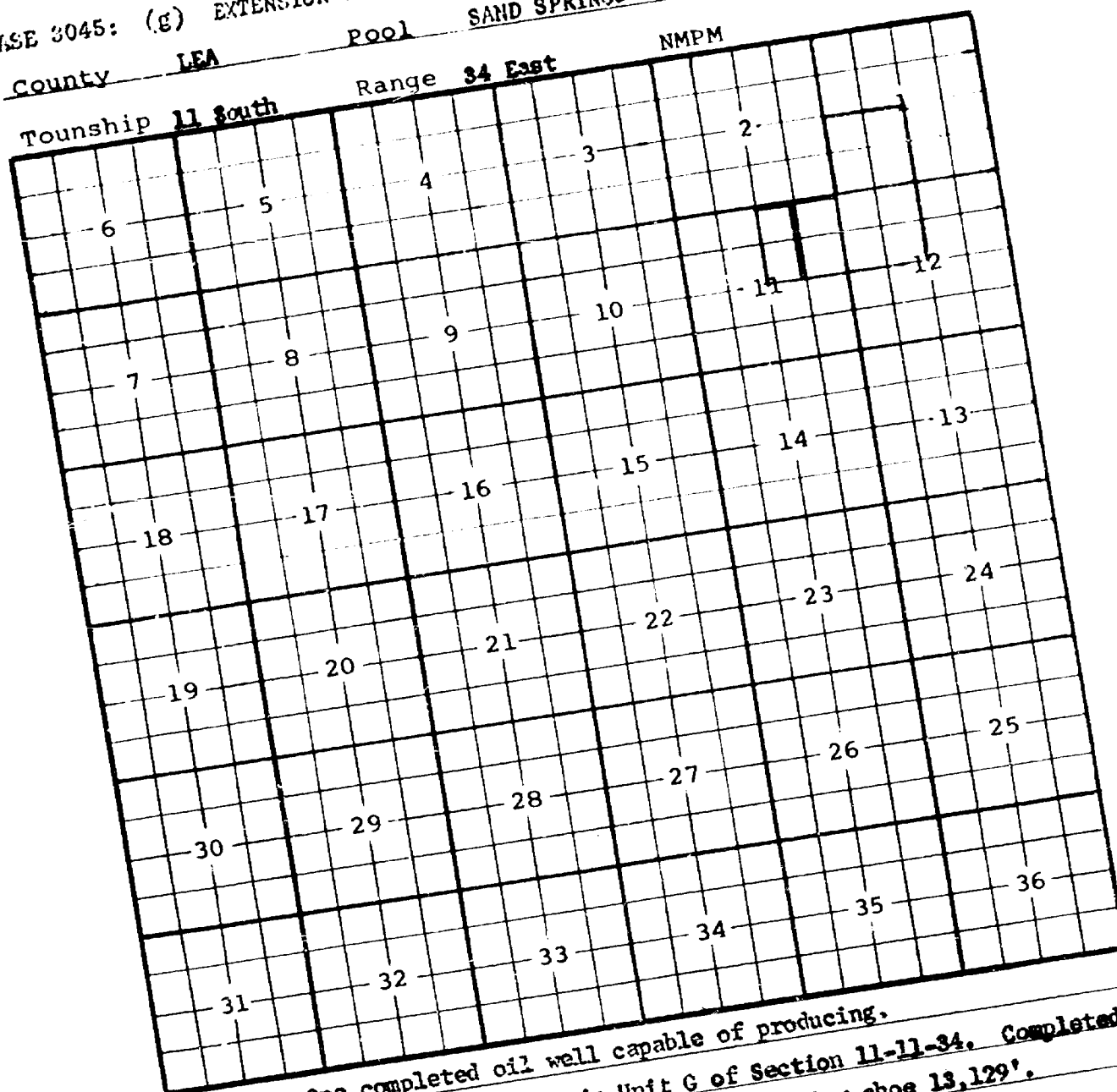
Pool

SAND SPRINGS-DEVONIAN

Township 11 South

Range 34 East

NMPM



PURPOSE: One completed oil well capable of producing.

HILL & MEEKER - State "TI" #1 in Unit G of Section 11-11-34. Completed in Devonian on February 22, 1964. Depth to casing shoe 13,129'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: W/2 NE/4



**CASE 3045: (h) EXTENSION OF AN EXISTING OIL POOL**

County LEA Pool NORTH VACUUM-ABO

Township 17 South Range 35 East NMPM

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

**PURPOSE:** One completed oil well capable of producing.

**PHILLIPS PETROLEUM COMPANY** - Santa Fe #57 in Unit L of Section 31-17-35.

Completed in Abo on February 11, 1964. Top of Perforations 9162'.

Pool boundary colored in red.

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

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-GLORIETA

Township 17 South Range 35 East NMPM

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

PURPOSE: Twenty-seven completed oil wells capable of producing.

Pool boundary colored in red.

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

SECTION 27: All

SECTION 28: All

SECTION 29: All

SECTION 30: S/2 and NE/4

SECTION 31: S/2

SECTION 32: All

SECTION 33: All

SECTION 34: N/2 NW/4

PHILLIPS PETROLEUM COMPANY - Santa Fe #86 in Unit C of Section 26-17-35.

Completed in Glorieta on November 22, 1963. Top of Perforations 6152'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #89 in Unit E of Section 26-17-35.

Completed in Paddock on February 18, 1964. Top of Perforations 6131'.

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	VACUUM-GLORIETA
TOWNSHIP	17 South	RANGE	35 East NMPH

PHILLIPS PETROLEUM COMPANY - Santa Fe #94 in Unit D of Section 26-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6132'.

CITIES SERVICE OIL COMPANY - State "K" #5 in Unit H of Section 27-17-35. Completed in Paddock on September 6, 1963. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #6 in Unit G of Section 27-17-35. Completed in Paddock on January 1, 1964. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #7 in Unit A of Section 27-17-35. Completed in Paddock on January 29, 1964. Top of Perforations 6114'.

CITIES SERVICE OIL COMPANY - State K #8 in Unit B of Section 27-17-35. Completed in Paddock on April 10, 1964. Top of Perforations 6138'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #80 in Unit N of Section 27-17-35. Completed in Glorieta on January 11, 1964. Top of Perforations 6072'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #90 in Unit M of Section 27-17-35. Completed in Paddock on March 6, 1964. Top of Perforations 6074'.

SHELL OIL COMPANY - State V #5 in Unit I of Section 27-17-35. Completed in Paddock on November 8, 1963. Top of Perforations 6134'.

SHELL OIL COMPANY - State "V" #6 in Unit P of Section 27-17-35. Completed in Glorieta on April 21, 1964. Top of Perforations 6142'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #5 in Unit O of Section 27-17-35. Completed in Paddock on April 8, 1964. Top of Perforations 6102'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #7 in Unit K of Section 27-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6051'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #9 in Unit J of Section 27-17-35. Completed in Paddock on March 26, 1964. Top of Perforations 6084'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #19 in Unit P of Section 28-17-35. Completed in Glorieta on April 17, 1964. Top of Perforations 6083'.

SHELL OIL COMPANY - State "I" #2 in Unit E of Section 29-17-35. Completed in Glorieta on February 7, 1964. Top of Perforations 6111'.

SHELL OIL COMPANY - State "B" #3 in Unit I of Section 30-17-35. Completed in Glorieta on April 1, 1964. Top of Perforations 6076'.

TEYACO, INC. - State of New Mexico "N" #5 in Unit M of Section 30-17-35. Completed in Glorieta on April 10, 1964. Top of Perforations 6025'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35. Completed in Glorieta on February 16, 1964. Top of Perforations 6030'.

SHELL OIL COMPANY - State "D" #2 in Unit M of Section 31-17-35. Completed in Glorieta on February 24, 1964. Top of Perforations 5990'.

HUMBLE OIL & REFINING COMPANY - New Mexico State "K" #17 in Unit F of Section 32-17-35. Completed in Glorieta on February 4, 1964. Top of Perforations 6134'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #18 in Unit I of Section 32-17-35. Completed in Glorieta on April 9, 1964. Top of Perforations 6110'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #20 in Unit O of Section 32-17-35. Completed in Glorieta on April 18, 1964. Top of Perforations 6121'.

MARATHON OIL COMPANY - State Warn A/C 3 #5 in Unit H of Section 33-17-35. Completed in Glorieta on August 11, 1963. Top of Perforations 6097'.

MARATHON OIL COMPANY - State Warn A/C 3 #6 in Unit G of Section 33-17-35. Completed in Glorieta on March 15, 1964. Top of Perforations 6098'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #91 in Unit A of Section 33-17-35. Completed in Paddock on April 7, 1964. Top of Perforations 6083'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #95 in Unit B of Section 33-17-35. Completed in Paddock on April 21, 1964. Top of Perforations 6079'.

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool VACUUM-GLORIETA

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: As stated on preceding page, paragraph (1), Exhibit I

ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #8 in Unit P of Section 35-17-34. Completed in Glorieta on April 16, 1964. Top of Perforations 6069'.

Pool boundary colored in red.

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

CASE 3045: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-WOLFCAMP

Township 17 South Range 35 East NMMP

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

PURPOSE: To take in dedicated acreage outside of pool.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35.

Completed in Wolfcamp on January 30, 1964. Top of Perforations 10,006'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: NW/4

**CASE 3045: (J) EXTENSION OF AN EXISTING OIL POOL (Continued)**

County LEA Pool VACUUM-WOLFCAMP

Township **17 South**      Range **34 East**      NMPM

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

~~ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #3 in Unit F of Section~~  
~~35-17-34. Completed in Wolfcamp on April 13, 1964. Top of~~  
~~Perforations 9546'.~~

Pool boundary colored in red.

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

DOCKET: REGULAR HEARING - WEDNESDAY - MAY 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 June, 1964.
  - (2) Consideration of the allowable production of gas for June, 1964, from ten prorated pools in Lea and Eddy Counties, New Mexico, and also presentation of purchasers' nominations for said pools for the six-month period beginning July 1, 1964; consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico for June, 1964.

CASE 3043: (This case will be continued)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the institution of gas prorationing in the Blanco-Pictured Cliffs Pool, San Juan County, New Mexico, and the Gavilan-Pictured Cliffs Pool, Rio Arriba County, New Mexico, and the extension of said Blanco-Pictured Cliffs Pool to include the E/2 of Section 15, Township 29 North, Range 9 West, the SW/4 of Section 31, Township 30 North, Range 8 West, and all of Sections 9, 15, 16, and 22, the NE/4 of Section 27, and the N/2 and SE/4 of Section 21, all in Township 30 North, Range 9 West.

CASE 3044: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the amendment of certain rules. In the above-styled cause, the Commission proposes to consider the amendment of Rule 104 to define a wildcat oil well and a wildcat gas well, and to permit the dedication of 160 acres to a wildcat gas well drilled in Lea, Chaves, Eddy and Roosevelt Counties unless said well is projected to the Pennsylvanian formation or deeper, in which case 320 acres could be dedicated. It is also proposed to define the completion date of a gas well and to require certain tests to be conducted on wildcat gas wells anywhere in the State following their completion and to provide that the acreage dedicated to the well be reduced to 40 acres if such tests do not establish that the well is indeed a gas well. It is also proposed to consider amending Rule 401 to provide that unconnected gas wells be tested to determine their potential. It is further proposed to consider amending Rule 301 to require gas-oil ratio tests to be taken no sooner than 20 days nor later than 30 days following the completion or recompletion of a well and to be reported to the Commission within 10 days following completion of the test.

See attached sheets for proposed rule changes.

CASE 3045: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea County, New Mexico:

- a) CREATE a new oil pool for Abo production, designated as the South Double A-Abo Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 30: NE/4

- b) EXTEND the Allison-Abo Pool to include therein:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 2: SW/4

- c) EXTEND the North Bagley-Upper Pennsylvanian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: S/2  
SECTION 15: NE/4  
SECTION 22: N/2 SE/4

- d) EXTEND the Baish-Wolfcamp Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
SECTION 21: NE/4

- e) EXTEND the South Lane-Pennsylvanian Pool to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 34: SE/4

- f) EXTEND the Lea-Bone Springs Pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: SW/4

- g) EXTEND the Sand Springs-Devonian Pool to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: W/2 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: W/2 W/2

- i) EXTEND the Vacuum-Glorieta Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: NW/4  
SECTION 27: All  
SECTION 28: All  
SECTION 29: All  
SECTION 30: S/2 and NE/4  
SECTION 31: S/2  
SECTION 32: All  
SECTION 33: All  
SECTION 34: N/2 NW/4

- j) EXTEND the Vacuum-Wolfcamp Pool to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: NW/4



PROPOSED AMENDMENT RULE 104, SECTIONS A, B, C, AND D

RULE 104. WELL SPACING: ACREAGE REQUIREMENTS FOR DRILLING TRACTS

A. CLASSIFICATION OF WELLS: WILDCATS AND DEVELOPMENT WELLS

Any well which is to be drilled a distance of one mile or more from another well which has produced oil or gas from the formation to which the proposed well is projected or one mile or more from the outer boundary of any defined pool which has produced oil or gas from the formation to which the proposed well is projected, shall be classified as a wildcat well.

Any well which is to be drilled less than one mile from the outer boundary of a defined oil or gas pool which has produced oil or gas from the formation to which the proposed well is projected shall be classified as a development well and shall be spaced, drilled, operated and produced in accordance with the regulations in effect in the nearest such pool, provided the well is completed in the formation to which it was projected. Provided further, that any well completed in a formation other than the one to which it was originally projected shall be operated and produced in accordance with the rules and regulations in effect in the nearest pool within one mile which is producing from the same formation in which the well is completed.

If there is no designated pool for the aforesaid formation within one mile, the well shall be classified as a wildcat.

B. ACREAGE REQUIREMENTS FOR WILDCATS

I. Lea, Chaves, Eddy and Roosevelt Counties

(a) Wildcat Gas Wells

In Lea, Chaves, Eddy, and Roosevelt Counties, a wildcat gas well shall be defined as a wildcat in accordance with Section A above which is projected as a gas well in a formation and an area which, in the opinion of the engineer or supervisor approving the application to drill, may reasonably be presumed to be productive of gas rather than oil.

Such wildcat gas well shall be located on a drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter-section, being a legal subdivision of the U. S. Public Land Surveys; provided, however, if such wildcat gas well is projected to a formation of Pennsylvanian age or older, it shall be located on a drilling tract consisting of 320 surface contiguous acres, more or less, comprising any two contiguous quarter sections of a single governmental section, being a legal subdivision of the U. S. Public Land Surveys.

Any such wildcat gas well shall be located at least 660 feet from the outer boundary of the 160-acre or 320-acre tract and shall be located not closer than 330 feet to any quarter-quarter section or subdivision inner boundary.

(b) Wildcat Oil Wells

In Lea, Chaves, Eddy and Roosevelt Counties, a wildcat oil well shall be defined as a wildcat in accordance with Section A above but which is not a wildcat gas well as defined above.

Such wildcat oil well shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the U. S. Public Land Surveys, or on a governmental quarter-quarter section or lot and shall be located not closer than 330 feet to any boundary line of such tract.

II. San Juan, Rio Arriba, and Sandoval Counties

(a) Wildcat Gas Wells

In San Juan, Rio Arriba, and Sandoval Counties, a wildcat gas well shall be defined as a wildcat in accordance with Section A above which is projected to a gas-producing horizon and shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section, being a legal subdivision of the U. S. Public Land Surveys, and shall be located not closer than 790 feet to any outer boundary of the tract nor closer than 130 feet to any quarter-quarter section or subdivision inner boundary.

In the event oil production is encountered in a well which was projected to a gas-producing horizon and which is located accordingly but does not conform to the oil well location rule below, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of oil can be given.

(b) Wildcat Oil Wells

A wildcat oil well shall be defined as a wildcat in accordance with Section A above which is projected to an oil-producing horizon as recognized by the Commission and shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the U. S. Public Land Surveys, or on a governmental quarter-quarter section or lot and shall be located not closer than 330 feet to any boundary line of such tract.

In the event gas production is encountered in a well which was projected to an oil-producing horizon and which is located accordingly but does not conform to the above-described gas well location rule, it shall be necessary for the operator to bring the matter to a hearing before approval for the production of gas can be given.

III. All counties except Lea, Chaves, Eddy, Roosevelt, San Juan, Rio Arriba, and Sandoval

Any well classified as a wildcat in any county other than Lea, Chaves, Eddy, Roosevelt, San Juan, Rio Arriba, and Sandoval shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the U. S. Public Land Surveys, or on a governmental quarter-quarter section or lot and shall be located not closer than 330 feet to any boundary of such tract.

C. ACREAGE REQUIREMENTS FOR DEVELOPMENT WELLS

I. Oil Wells, All Counties

Unless otherwise provided in special pool rules, each well drilled within a defined oil pool shall be located on a tract consisting of approximately 40 surface contiguous acres substantially in the form of a square which is a legal subdivision of the United States Public Land Surveys, or on a governmental quarter-quarter section or lot and shall not be drilled closer than 330 feet to any boundary line of such tract or closer than 660 feet to the nearest well drilling to or capable of producing from the same pool.

II. Gas Wells

(a) Lea, Chaves, Eddy and Roosevelt Counties

Unless otherwise provided in special pool rules, each well drilled within a defined gas pool of less than Pennsylvanian age shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the United States Public Land Surveys and shall not be drilled closer than 660 feet to any outer boundary line of such tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary nor closer than 1320 feet to the nearest well drilling to or capable of producing from the same pool.

Unless otherwise provided in special pool rules, each well drilled within a defined gas pool of Pennsylvanian age or older shall be located on a designated drilling tract consisting of 320 surface contiguous acres, more or less, comprising any two contiguous quarter sections of a single governmental section, being a legal subdivision of the U. S. Public

Land Surveys and shall not be drilled closer than 660 feet to any outer boundary line of the tract nor closer than 330 feet to any quarter-quarter section or subdivision inner boundary nor closer than 1320 feet to the nearest well drilling to or capable of producing from the same pool.

(b) San Juan, Rio Arriba, and Sandoval Counties

Unless otherwise provided in special pool rules, each well drilled within a defined gas pool shall be located on a designated drilling tract consisting of 160 surface contiguous acres, more or less, substantially in the form of a square which is a quarter section being a legal subdivision of the United States Public Land Surveys, and shall be located not closer than 790 feet to any outer boundary of the tract nor closer than 130 feet to any quarter-quarter section line or subdivision inner boundary.

D. ACREAGE ASSIGNMENT, COMPLETED WELLS

I. Well Tests and Classification

It shall be the responsibility of the operator of any wildcat gas well or development gas well to which more than 40 acres has been dedicated to determine the gas-liquid ratio and the liquid gravity for the well and to conduct a potential test within 30 days following completion of the well and to file the same with the Commission within 10 days following completion of the tests. (See Rules 301 and 401.)

Date of completion for a gas well shall be the date a well head is installed or 30 days following conclusion of active completion work on the well, whichever date comes first.

Upon making a determination that the well should not properly be classified as a gas well, the Commission will reduce the acreage dedicated to the well.

Failure of the operator to file the aforesaid tests within the specified time will also subject the well to such acreage reduction.

II. Non-Standard Units

Any completed gas well which does not have the required amount of acreage dedicated to it for the pool or formation in which it is completed may not be produced until a standard unit for the well has been formed and dedicated or until a non-standard unit has been approved.

The Secretary-Director of the Commission may grant administrative approval to non-standard gas units without notice and hearing when an application has been filed for a non-standard unit and the unorthodox size or shape of the unit is necessitated by a variation in the legal subdivision of the U. S. Public Land Surveys, or the following facts exist and the following provisions are complied with:

- (a) The non-standard unit consists of quarter-quarter sections or lots that are contiguous by a common bordering side.
- (b) The non-standard unit lies wholly within a single governmental quarter section if the well is completed in a pool or formation for which 160 acres is the standard unit size or wholly within a single governmental half section if the well is completed in a pool or formation for which 320 acres is the standard unit size.
- (c) The applicant presents written consent in the form of waivers from all offset operators and from all operators owning interests in the quarter section (for 160-acre pools or formations) or the half-section (for 320-acre pools or formations) in which the non-standard unit is situated and which acreage is not included in said non-standard unit.
- (d) In lieu of paragraph (c) of this rule, the applicant may furnish proof of the fact that all of the aforesaid operators were notified by registered or certified mail of his intent to form such non-standard unit. The Secretary-Director may approve the application if no such operator has entered an objection to the formation of such non-standard unit within 30 days after the Secretary-Director has received the application.

PROPOSED AMENDMENT RULE 301

RULE 301. GAS-OIL RATIO TEST

Amend the first paragraph of Section (a) to read as follows:

Each operator shall take a gas-oil ratio test no sooner than 20 days nor later than 30 days following the completion or recompletion of each well, if (1) the well is a wildcat, or (2) the well is located in a pool which is not exempt from the requirements of this rule. (Wells completed within one mile of the outer boundary of a defined oil pool producing from the same formation shall be governed by the provisions of this rule which are applicable to the pool). The results of the test shall be reported to the Commission on Form C-116 within 10 days following completion of the test. The gas-oil ratio thus reported shall become effective for proration purposes on the first day of the calendar month following the date they are reported.

PROPOSED AMENDMENT RULE 401

RULE 401. METHOD OF DETERMINING NATURAL GAS WELL POTENTIAL

Add the following paragraph to the existing rule:

All gas wells which are not connected to a gas gathering facility shall be tested within 30 days following the installation of a well head. Tests shall be taken in accordance with the "Procedure for Testing Unconnected Gas Wells" contained in Supplement I to the New Mexico Oil Conservation Commission "Manual for Back Pressure Tests for Natural Gas Wells." Tests shall be reported on Form C-122 in compliance with Rule 1121 and shall be filed within 10 days following completion of the test.

**CASE 3045: (a) CREATION OF A NEW OIL POOL**

County **LEA** Pool **SOUTH DOUBLE A-ABO**

Township **17 South** Range **36 East** NMPM

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

**PURPOSE:** One completed oil well capable of producing.

**LONE STAR PROD. COMPANY** - Atlantic State #1 in Unit G of Section 30-17-36.

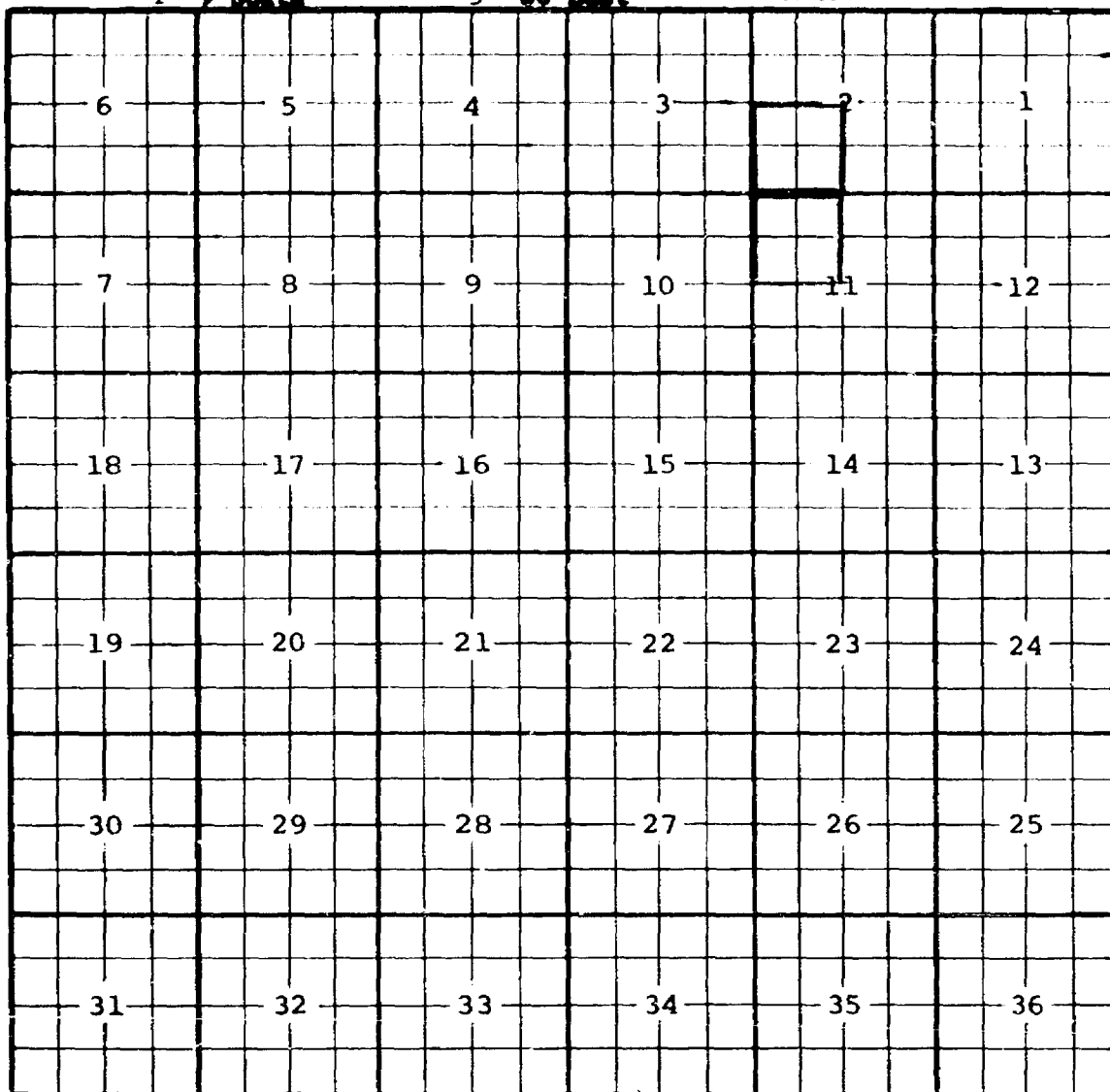
Completed in Abo Detrital on February 14, 1964. Top of Perforations 9148'.

Proposed pool boundary colored in red. SECTION 30: NE/4

**CASE 3045: (b) EXTENSION OF AN EXISTING OIL POOL**

County LEA Pool ALLISON-ABO

Township 9 South Range 36 East NMPM



**PURPOSE:** One completed oil well capable of producing.

**THE ATLANTIC REFINING COMPANY** - State AD #1 in Unit N of Section 2-9-36.

Completed in Abo on March 14, 1964. Top of Perforations 8976'.

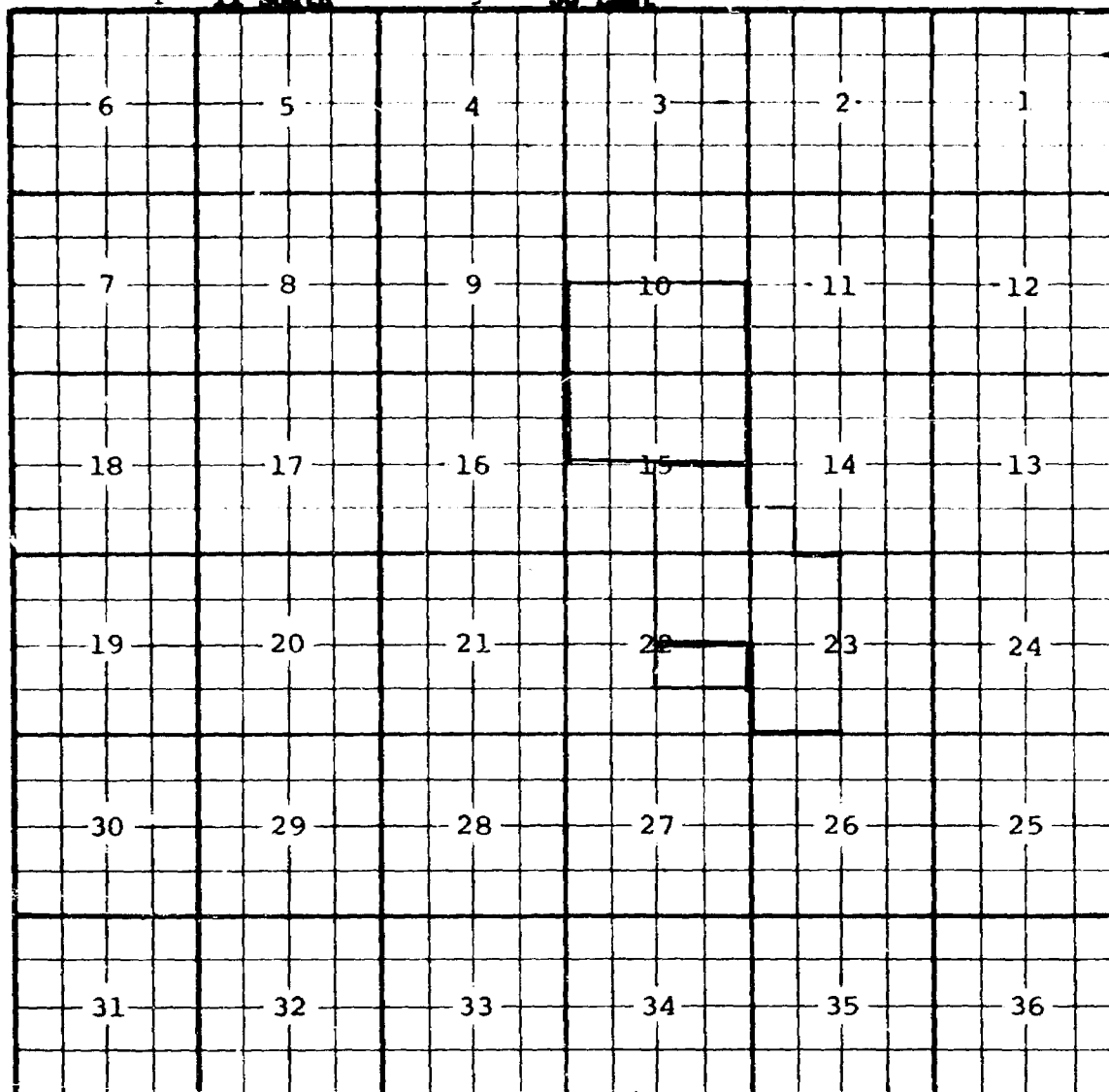
Pool boundary colored in red.

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

CASE 8045: (c) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool NORTH BAGLEY-UPPER PENNSYLVANIAN

Township 11 South Range 33 East NMPM



PURPOSE: One completed oil well capable of producing plus extension of two 40 acre tracts for dedicated acreage.

FELMONT OIL CORPORATION - State F #1 in Unit K of Section 10-11-33. Completed in Upper Pennsylvanian on March 22, 1964. Top of Perforations 9486'.

DEANE H. STOLTZ - J. D. Guye #1 in Unit H of Section 22-11-33. Completed in Upper Pennsylvanian on November 6, 1963. Top of Perforations 9396'.

DEANE H. STOLTZ- State 262 #1 in Unit G of Section 22-11-33. Completed in Upper Pennsylvanian on February 20, 1964. Top of Perforations 9422'.

ADDITION--FELMONT OIL CORPORATION - Felmont Nissom State #1 in Unit F of Section 15-11-33. Completed in Upper Pennsylvanian on April 29, 1964. Top of Perforations 9601'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 10: S/2

SECTION 15: NE/4

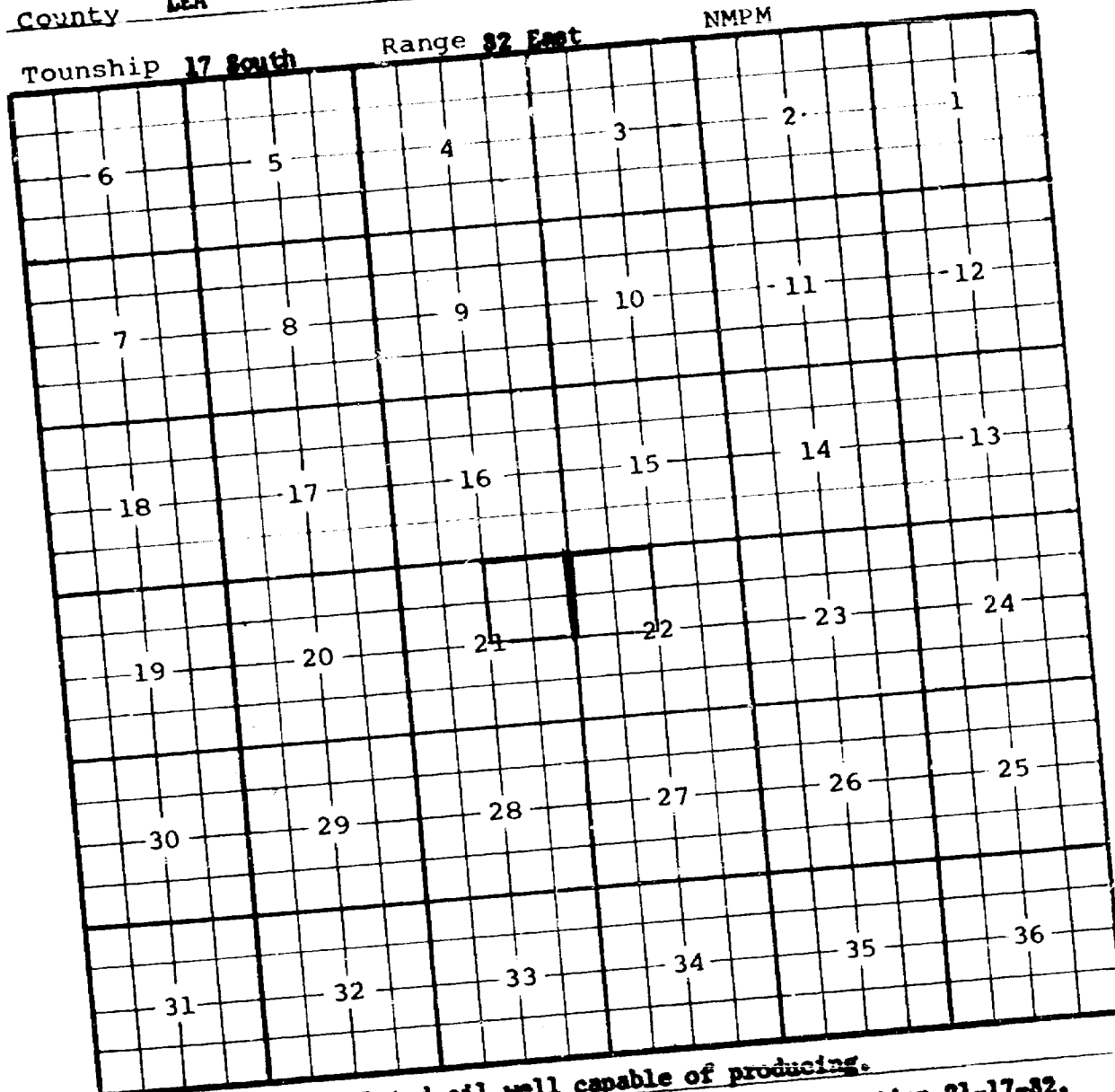
SECTION 22: N/2 SE/4

ADDITION---SECTION 15: NW/4



**CASE 3045: (d) EXTENSION OF AN EXISTING OIL POOL**

County LEA Pool BAISH-WOLF CAMP  
 Township 17 South Range 32 East NMPM

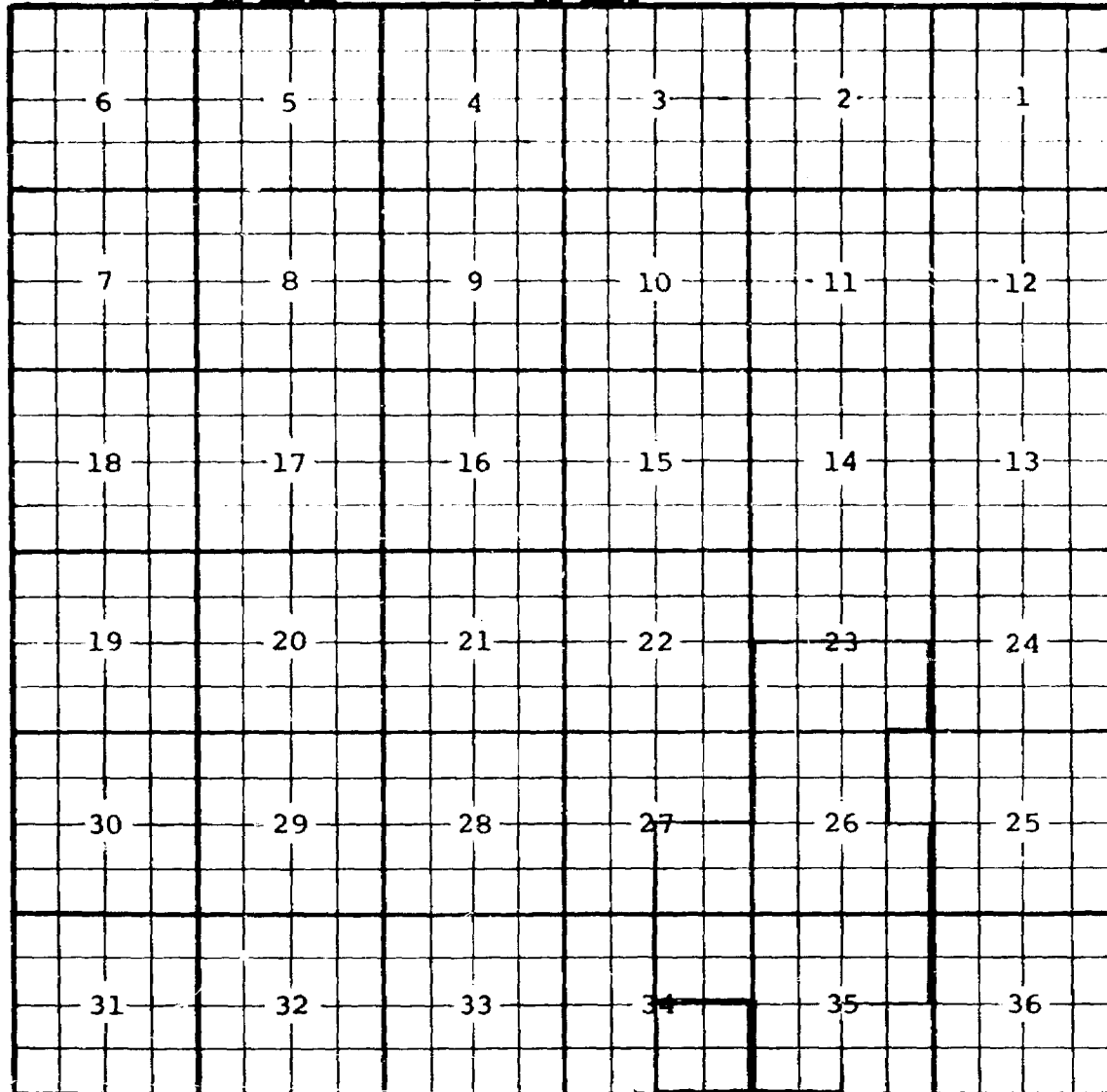


**PURPOSE:** One completed oil well capable of producing.  
**CONTINENTAL OIL COMPANY** - Baish A #12 in Unit A of Section 21-17-32.  
 Completed in Wolfcamp on February 27, 1964. Top of Perforations 9826'.  
 Pool boundary colored in red.  
 Proposed pool extension colored in green. SECTION 21: NE/4

CASE 3045: (e) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SOUTH LANE-PENNSYLVANIAN

Township 10 South Range 33 East NMPM



PURPOSE: One completed oil well capable of producing.

SAM BOREN & MAJOR & GIEBEL OILS - Humble State C #1 in Unit I of Section 34-10-33. Completed in Bough "C" on February 27, 1964. Top of Perforations 9700'.

Pool boundary colored in red.

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

CASE 3045: (f) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool LEA-BONE SPRINGS

Township 20 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.

EDWIN FOSTER BLAIR - Lea Federal #1 in Unit K of Section 11-20-34. Completed in Bone Springs on March 3, 1964. Top of Perforations 10,126'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: SW/4

CASE 3045: (g) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool SAND SPRINGS-DEVONIAN

Township 11 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.

HILL & MEEKER - State "II" #1 in Unit C of Section 11-11-34. Completed in Devonian on February 22, 1964. Depth to casing shoe 13,129'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: W/2 NE/4

**CASE 3045: (h) EXTENSION OF AN EXISTING OIL POOL**

County LEA Pool NORTH VACUUM-ABO

Township 17 South Range 35 East NMPM

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

**PURPOSE:** One completed oil well capable of producing.

**PHILLIPS PETROLEUM COMPANY** - Santa Fe #37 in Unit L of Section 31-17-35.

Completed in Abo on February 11, 1964. Top of Perforations 9162'.

Pool boundary colored in red.

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

**CASE 8045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)**

County LEA Pool VACUUM-GLORIETA

Township **17 South** Range **34 East** NMPM

**PURPOSE:** As stated on preceding page, paragraph (1), Exhibit I

ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #3 in Unit P of Section  
33-17-24. Completed in Glorieta on April 16, 1964. Top of  
Perforations 6069'.

Pool boundary colored in red.

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

**CASE 8045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)**

County	LEA	Pool	VACUUM-GLORIETA											
Township	17 South	Range	35 East	NMPM										
6	5	4	3	2	1									
7	8	9	10	11	12									
18	17	16	15	14	13									
19	20	21	22	23	24									
30	29	28	27	26	25									
31	32	33	34	35	36									

**PURPOSE:** Twenty-seven completed oil wells capable of producing.

Pool boundary colored in red.

Proposed pool extensions colored in green.	SECTION 26: NW/4
	SECTION 27: All
	SECTION 28: All
	SECTION 29: All
	SECTION 30: S/2 and NE/4
	SECTION 31: S/2
	SECTION 32: All
	SECTION 33: All
	SECTION 34: N/2 NW/4

**PHILLIPS PETROLEUM COMPANY - Santa Fe #86 in Unit C of Section 26-17-35.**  
**Completed in Glorieta on November 22, 1963. Top of Perforations 6152'.**  
**PHILLIPS PETROLEUM COMPANY - Santa Fe #89 in Unit E of Section 26-17-35.**  
**Completed in Padlock on February 18, 1964. Top of Perforations 6181'.**

CASE 3045: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	VACUUM-GLORIETA	
TOWNSHIP	17 South	RANGE	35 East	NMPM

PHILLIPS PETROLEUM COMPANY - Santa Fe #94 in Unit D of Section 26-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6132'.

CITIES SERVICE OIL COMPANY - State "K" #5 in Unit H of Section 27-17-35. Completed in Paddock on September 6, 1963. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #6 in Unit C of Section 27-17-35. Completed in Paddock on January 1, 1964. Top of Perforations 6178'.

CITIES SERVICE OIL COMPANY - State K #7 in Unit A of Section 27-17-35. Completed in Paddock on January 29, 1964. Top of Perforations 6114'.

CITIES SERVICE OIL COMPANY - State K #8 in Unit B of Section 27-17-35. Completed in Paddock on April 10, 1964. Top of Perforations 6138'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #80 in Unit N of Section 27-17-35. Completed in Glorieta on January 11, 1964. Top of Perforations 6072'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #90 in Unit M of Section 27-17-35. Completed in Paddock on March 6, 1964. Top of Perforations 6074'.

SHELL OIL COMPANY - State V #5 in Unit I of Section 27-17-35. Completed in Paddock on November 8, 1963. Top of Perforations 6134'.

SHELL OIL COMPANY - State "V" #6 in Unit P of Section 27-17-35. Completed in Glorieta on April 21, 1964. Top of Perforations 6142'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #5 in Unit O of Section 27-17-35. Completed in Paddock on April 8, 1964. Top of Perforations 6102'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #7 in Unit K of Section 27-17-35. Completed in Paddock on March 25, 1964. Top of Perforations 6051'.

STANDARD OIL COMPANY OF TEXAS - State 4-27 #9 in Unit J of Section 27-17-35. Completed in Paddock on March 26, 1964. Top of Perforations 6084'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #19 in Unit P of Section 28-17-35. Completed in Glorieta on April 17, 1964. Top of Perforations 6083'.

SHELL OIL COMPANY - State "I" #2 in Unit E of Section 29-17-35. Completed in Glorieta on February 7, 1964. Top of Perforations 6111'.

SHELL OIL COMPANY - State "B" #3 in Unit I of Section 30-17-35. Completed in Glorieta on April 1, 1964. Top of Perforations 6076'.

TEXACO, INC. - State of New Mexico "N" #5 in Unit M of Section 30-17-35. Completed in Glorieta on April 10, 1964. Top of Perforations 6025'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-35. Completed in Glorieta on February 16, 1964. Top of Perforations 6030'.

SHELL OIL COMPANY - State "D" #2 in Unit M of Section 31-17-35. Completed in Glorieta on February 24, 1964. Top of Perforations 5990'.

HUMBLE OIL & REFINING COMPANY - New Mexico State "K" #17 in Unit P of Section 32-17-35. Completed in Glorieta on February 4, 1964. Top of Perforations 6134'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #18 in Unit I of Section 32-17-35. Completed in Glorieta on April 9, 1964. Top of Perforations 6110'.

HUMBLE OIL & REFINING COMPANY - New Mexico State K #20 in Unit O of Section 32-17-35. Completed in Glorieta on April 18, 1964. Top of Perforations 6121'.

MARATHON OIL COMPANY - State Warn A/C 3 #5 in Unit H of Section 33-17-35. Completed in Glorieta on August 11, 1963. Top of Perforations 6097'.

MARATHON OIL COMPANY - State Warn A/C 3 #6 in Unit G of Section 33-17-35. Completed in Glorieta on March 15, 1964. Top of Perforations 6098'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #91 in Unit A of Section 33-17-35. Completed in Paddock on April 7, 1964. Top of Perforations 6083'.

PHILLIPS PETROLEUM COMPANY - Santa Fe #95 in Unit B of Section 33-17-35. Completed in Paddock on April 21, 1964. Top of Perforations 6079'.



CASE 3045: (j) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

County LEA Pool VACUUM-WOLF CAMP

Township 17 South Range 25 East NMPM

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

PURPOSE: To take in dedicated acreage outside of pool.

PHILLIPS PETROLEUM COMPANY - Santa Fe #87 in Unit L of Section 31-17-25.

Completed in Wolfcamp on January 30, 1964. Top of Perforations 10,006'.

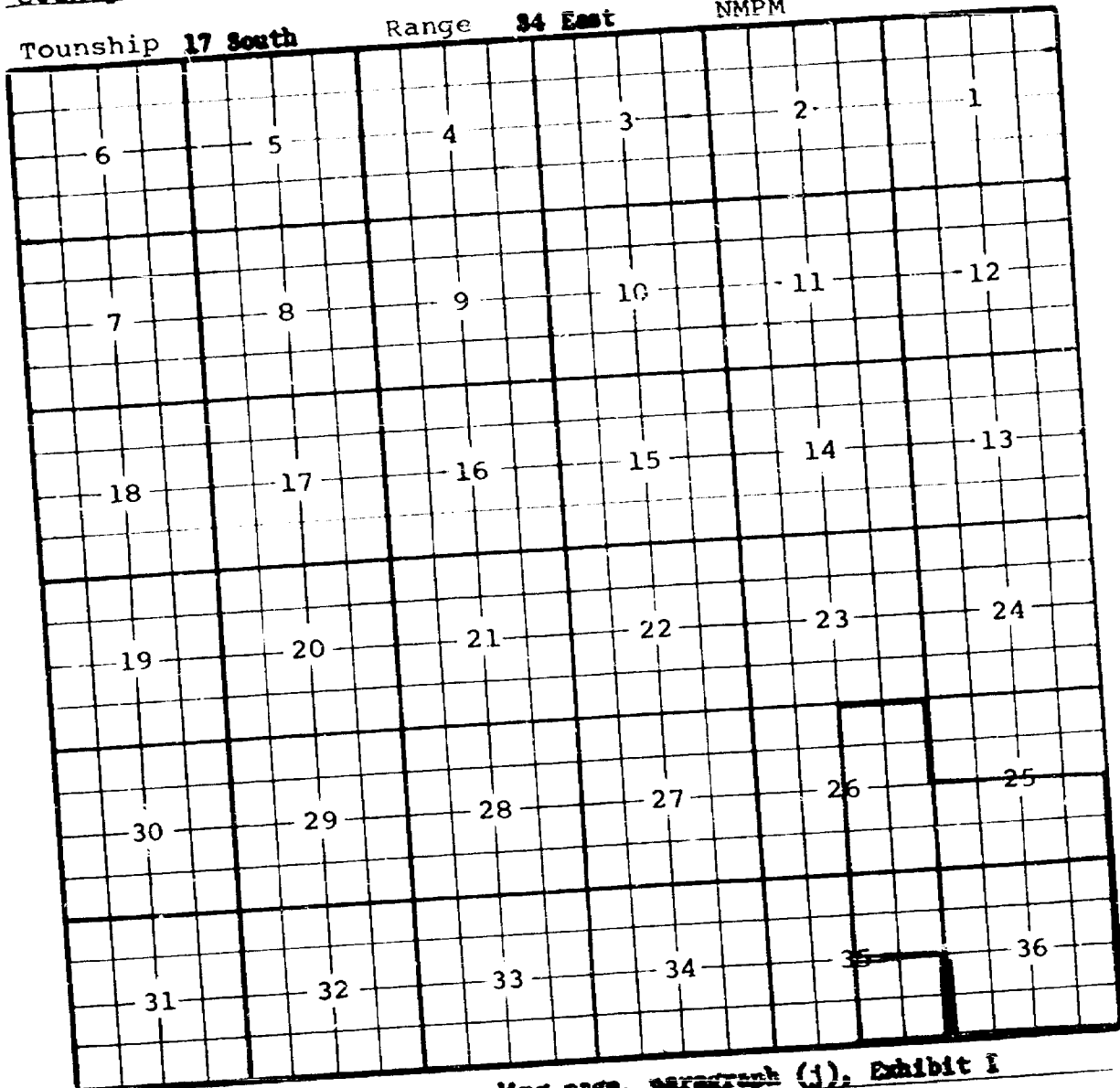
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: NW/4

**CASE 3045: (j) EXTENSION OF AN EXISTING OIL POOL (Continued)**

County LEA Pool VACUUM-WOLF CAMP

Township 17 South Range 34 East NMPM



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

**ADDITION--PHILLIPS PETROLEUM COMPANY - M. E. Hale #8 in Unit P of Section 35-17-34. Completed in Wolfcamp on April 13, 1964. Top of Perforations 9546'.**

**Pool boundary colored in red.**

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

NOMENCLATURE ADVERTISEMENT FOR MAY, 1964

CASE 372

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 a new pool in Lea County, New Mexico, and extensions of certain existing pools in Lea County, 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 Abo production, designated as the South Double A-Abo Pool, and described as:

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 30: NE/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 2: SW/4

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

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: S/2  
SECTION 15: NE/4  
SECTION 22: N/2 SE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
SECTION 21: NE/4

e) EXTEND the South Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 34: SE/4

f) EXTEND the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: SW/4

g) EXTEND the Sand Springs-Devonian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: W/2 NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: W/2 W/2

RECEIVED  
MAY 13 1964  
17

-2- May, 1964 Nomenclature

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: NW/4  
SECTION 27: All  
SECTION 28: All  
SECTION 29: All  
SECTION 30: S/2 and NE/4  
SECTION 31: S/2  
SECTION 32: All  
SECTION 33: All  
SECTION 34: N/2 NW/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: NW/4

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

REGULAR HEARING

IN THE MATTER OF: Southeastern New Mexico  
nomenclature case calling for an order for  
the creation and extension of certain pools  
in Lea County, New Mexico

Case No. 3045

BEFORE: Governor Jack Campbell  
Mr. E. S. (Johnny) Walker  
Mr. A. L. Porter

TRANSCRIPT OF HEARING

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 2-13-6691

MR. PORTER: The Commission will take up next Case 3045.

MR. DURRETT: Southeastern New Mexico nomenclature case.

(Whereupon, Oil Conservation Commission's Exhibits 1, 2 and 3, marked for identification.)

(Witness sworn.)

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

DIRECT EXAMINATION

BY MR. DURRETT:

Q Please state your name and position for the record.

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you prepared to make recommendations to the Commission today concerning the creation and extension of certain pools in Lea County, New Mexico?

A Yes, I am.

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

A Yes, they have.

Q How is that marked?

A Oil Conservation Commission's Exhibit 1 in Case 3045.

Q Is that similar to the docket that has been prepared here today?

A In many respects it is.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691



DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

Q Will you please refer to the exhibit and to the docket and point out the substance of the exhibit and your recommendations?

A Yes. I'd recommend for Paragraph (a) that the South Double A-Abo Pool be created. The pool was discovered by Lone Star Producing Company's Atlantic State Number 1 in Unit G of Section 30, Township 17 South, Range 36 East. The well was completed in Abo-Detritus February the 14, 1964; the top of the perforations is 9148. The pool would comprise the northeast quarter of the Section 30.

I'd recommend that the Allison-Abo Pool be extended as shown in Paragraph (b) of the docket and on the exhibit, which are identical.

I'd recommend that the North Bagley-Upper Pennsylvanian Pool be extended as shown in Paragraph (c) of the docket, and in addition to that acreage that the northwest quarter of Section 15, Township 11 South, Range 33 East be added.

I'd recommend that the Baish-Wolfcamp be extended as shown on the docket and exhibit, which are identical.

I'd recommend that the South Lane-Pennsylvanian in Paragraph (e) be extended as shown on the docket and the exhibit.

I'd recommend the Lea-Bone Springs Pool in Paragraph (f) be extended as shown on the docket and exhibit, which are identical; also that the Sand Springs-Devonian Pool in Paragraph (g) be extended as shown on the docket and exhibit, which are



identical.

I recommend that the North Vacuum-Abo Pool in Paragraph (h) be extended as shown on the docket and the exhibit, which are identical.

I'll skip Paragraph (i) for the time, and go to Paragraph (j). I recommend that it be extended as shown on the docket and exhibit, which are identical in some respects; also that the southeast quarter of Section 35, Township 17 South, Range 34 East be added to the pool.

Now, to Paragraph (i); it advertised extension of the Vacuum-Glorieta Pool. I'd recommend that this pool be extended as shown on the docket, also that the southeast quarter of Section 35, Township 17 South, Range 34 East, be added. In conjunction with this extension, which involves portions of about eight or nine sections, I would like to offer Exhibits 2 and 3 in this case; Exhibit 2 being a structural map of the Glorieta prepared by the Commission's Geological staff, which shows that the structure of the Glorieta formation in the Vacuum area comprises a high reef affair in the west end, which is the location of the original development. This high reef structure extends into a broad plateau to the east, which overlies the Abo reef.

Exhibit 3 in the case is a cross section showing that the formations across this area are continuous and in communication with each other, as far as the stratigraphy is concerned.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
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ALBUQUERQUE, N. M.  
PHONE 243-6691

I would offer these two exhibits to substantiate this extension of this pool in these numerous sections.

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

A Yes, it was.

Q And the Exhibit 2 was prepared by the Commission's Geological staff?

A That's correct.

Q Who prepared Exhibit 3?

A Exhibits 2 and 3 were prepared by the geological staff in Hobbs.

MR. DURRETT: I move the introduction of Exhibits 1, 2 and 3, and that concludes my examination of Mr. Nutter.

MR. PORTER: I might state that these exhibits were prepared under instruction, for the Commission in making this study. Are there any objections? The exhibits will be admitted to the record.

(Whereupon, Oil Conservation Commission Exhibits 1, 2 & 3 were admitted to the record.)

MR. PORTER: Any questions of Mr. Nutter? He may be excused.

(Witness excused.)

MR. PORTER: Does anyone have anything further to offer in this case? The Commission will take the case under advisement, and the hearing is adjourned.



**DEARNLEY-MEIER REPORTING SERVICE, Inc.**

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3971

ALBUQUERQUE, N. M.  
PHONE 243-6691

STATE OF NEW MEXICO )  
 ) SS.  
COUNTY OF BERNALILLO )

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

IN WITNESS WHEREOF I have affixed my hand and notarial seal this 29th day of May, 1964.

Ada Dearnley  
Notary Public - Court Reporter

My Commission Expires:  
June 19, 1967



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. 3045  
ORDER NO. R-2705

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CER-  
TAIN POOLS IN LEA COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

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

NOW, on this 15<sup>th</sup> day of May, 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 Abo formation, said pool to  
bear the designation of South Double A-Abo Pool. Said South Double A-Abo  
Pool was discovered by Lone Star Prod. Company, Atlantic State No. 1, lo-  
cated in Unit G of Section 30, Township 17 South, Range 36 East, NMEM. It  
was completed in Abo Detrital on February 14, 1964. The top of perforations  
is 9148 feet.

(3) That there is need for certain extensions to the Allison-Abo Pool,  
the North Bagley-Upper Pennsylvanian Pool, the Balish-Wolfcamp Pool, the  
South Lane-Pennsylvanian Pool, the Lea-Rone Springs Pool, the Sand Springs-  
Devonian Pool, the North Vacuum-Abo Pool, the Vacuum-Glorieta Pool, and the  
Vacuum-Wolfcamp 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 Abo production, is hereby created and designated as the South Double  
A-Abo Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMEM  
SECTION 30: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMM  
SECTION 2: SW/4

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

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMM  
SECTION 10: S/2  
SECTION 15: N/2  
SECTION 22: N/2 SE/4

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMM  
SECTION 21: NE/4

(e) That the South 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 34: SE/4

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

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMM  
SECTION 11: SW/4

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

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMM  
SECTION 11: N/2 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMM  
SECTION 31: W/2 W/2

(i) 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, NMM  
SECTION 35: SE/4

CASE NO. 3045  
ORDER NO. R-2705

-3-

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NPM  
SECTION 26: NW/4  
SECTION 27: A11  
SECTION 28: A11  
SECTION 29: A11  
SECTION 30: S/2 and NE/4  
SECTION 31: S/2  
SECTION 32: A11  
SECTION 33: A11  
SECTION 34: N/2 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NPM  
SECTION 35: SE/4

TOWNSHIP 17 SOUTH, RANGE 35 EAST NPM  
SECTION 31: NW/4

IT IS FURTHER ORDERED:

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

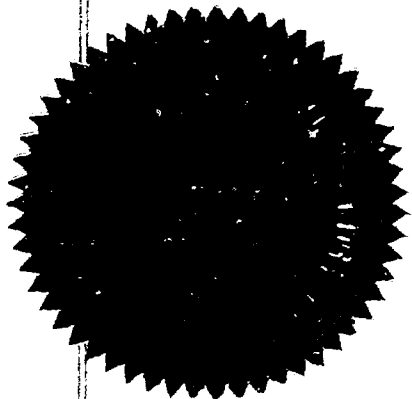
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

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



NOMENCLATURE ADVERTISEMENT FOR MAY, 1964  
CASE \_\_\_\_\_

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 a new pool in Lea County, New Mexico, and extensions of certain existing pools in Lea County, 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 Abo production, designated as the South Double A-Abo Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 30: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 2: SW/4

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

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: S/2  
SECTION 15: NE/4  
SECTION 22: N/2 SE/4

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
SECTION 21: NE/4

e) EXTEND the South Lane-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 33 EAST, NMPM  
SECTION 34: SE/4

f) EXTEND the Lea-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: SW/4

g) EXTEND the Sand Springs-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: W/2 NE/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: W/2 W/2

-2- May, 1964 Nomenclature

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

SECTION 26: NW/4  
SECTION 27: All  
SECTION 28: All  
SECTION 29: All  
SECTION 30: S/2 and NE/4  
SECTION 31: S/2  
SECTION 32: All  
SECTION 33: All  
SECTION 34: N/2 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

SECTION 31: NW/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. 30-15  
ORDER NO. R-2765

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on May 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 May, 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 Abo formation, said pool to bear the designation of South Double A-Abo Pool. Said South Double A-Abo Pool was discovered by Lone Star Prod. Company, Atlantic State No. 1, located in ~~the NE/4~~, Unit G of Section 30, Township 17 South, Range 36 East, NMPM. It was completed in Abo Detrital on February 14, 1964. The top of perforations is 9148 feet.

(3) That there is need for certain extensions to the Allison-Abo Pool, the North Bagley-Upper Pennsylvanian Pool, the Baish-Wolfcamp Pool, the South Lane-Pennsylvanian Pool, the Lea-Bone Springs Pool, the Sand Springs-Devonian Pool, the North Vacuum-Abo Pool, the Vacuum-Glorieta Pool, and the Vacuum-Wolfcamp 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 Abo production, is hereby created and designated as the South Double A-Abo Pool, consisting of the following described area:

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 30: NE/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 2: SW/4

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

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM  
SECTION 10: S/2  
SECTION 15: ~~NE/4 and NW/4~~ N/2  
SECTION 22: N/2 SE/4



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

✓ TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
SECTION 21: NE/4

(e) That the South 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, NMPM  
SECTION 34: SE/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: SW/4

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

✓ TOWNSHIP 11 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: W/2 NE/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: W/2 W/2

(i) 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, NMPM  
SECTION 35: SE/4

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: NW/4  
SECTION 27: All  
SECTION 28: All  
SECTION 29: All  
SECTION 30: S/2 and NE/4  
SECTION 31: S/2  
SECTION 32: All  
SECTION 33: All  
SECTION 34: N/2 NW/4

(j) That the Vacuum-Wolfcamp 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 35: SE/4

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 31: NW/4

IT IS FURTHER ORDERED:

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

CASE NO. 3045

ORDER NO. R-

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

S E A L