

CASE 3077:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

CASE No.

3077

Application,  
TRANSCRIPTS,  
SMALL Exhibits  
ETC.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

FARMINGTON, N. M.  
PHONE 325-1182

SANTA FE, N. M.  
PHONE 983-3871

ALBUQUERQUE, N. M.  
PHONE 243-6891

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
July 15, 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 and Roosevelt Counties, New  
Mexico.

Case No. 3077

BEFORE: A. L. (Pete) Porter  
E. S. (Johnny) Walker

TRANSCRIPT OF HEARING

MR. PORTER: We will take up Case 3077.

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

(Witness sworn.)

JOE D. RAMEY

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

DIRECT EXAMINATION

BY MR. DURRETT:

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

A Joe D. Ramey, supervisor, District 1, New Mexico Oil Conservation Commission.

Q Mr. Ramey, are you prepared to make recommendations to the Commission today concerning the issuance of a nomenclature order creating and extending certain pools in Lea and Roosevelt Counties, New Mexico?

A Yes, sir.

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

A Yes, I have.

Q How is that marked?

A Southeast Nomenclature Exhibit 1, Paragraphs (a)

through (h).

Q Will you please refer, Mr. Ramey, to Exhibit 1 and summarize that exhibit for the Commission, particularly pointing out any manner that that exhibit may be different from the docket that has been prepared and distributed here today?

A Yes, sir. It is similar to the docket with the exception of paragraph (b) which should be dismissed because of an error in advertising; paragraph (d), we have an addition to what is advertised of Section 21, Northeast Quarter. It's in Township 10 South, Range 36 East.

MR. PORTER: That is in paragraph (d)?

A (d). In paragraph (h) there's three additions, Section 29, the Southwest Quarter; Section 31, the Northeast Quarter; Section 32, the Northwest Quarter, all in Township 8 South, Range 33 East. Otherwise it is similar to what was advertised.

Q (By Mr. Durrett) With the exceptions that you have pointed out to the Commission, the exhibit is identical to the docket that has been distributed here this morning?

A Yes, sir.

Q And you would like to dismiss paragraph (b) concerning the East Vacuum-Wolfcamp Pool, is that correct?

A That is correct.

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

A Yes, it was.

MR. DURRETT: If the Commission please, I will move at this time to dismiss paragraph (b) of this case and move the introduction of Exhibit 1; and that concludes my examination of Mr. Ramey.

MR. PORTER: Are there any questions of Mr. Ramey? The exhibit will be admitted to the record.

(Whereupon, Commission Exhibit No. 1 received in evidence.)

MR. PORTER: The Commission will dismiss paragraph (b) and readvertise it at some later time, and take the balance of the case under advisement.

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Ramey, this is the shortest nomenclature case in the Southeast for some time. Does that indicate a slack in the activity down there?

A No, this is vacation period.

Q Your geologist took off?

A Our geologist took off and we prepared it a little earlier.

Q So you have half a case.

A A half a case.

MR. PORTER: The witness will be excused.

(Witness excused.)

\* \* \*

dearnley-meier reporting service, inc.

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

1120 SIMMS BLDG. • P. O. BOX 1092 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



STATE OF NEW MEXICO     )  
                                      ) ss  
COUNTY OF BERNALILLO    )

I, ADA DEARNLEY, Notary Public in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this 28th day of July, 1964.

  
NOTARY PUBLIC

My Commission Expires:

June 19, 1967.

NONENCLATURE ADVERTISEMENT FOR JULY, 1964

CASE 3077

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 County, New Mexico, and extensions of certain existing pools in Lea and Roosevelt Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

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

✓ TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM  
SECTION 19: NW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: SW/4

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

✓ TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NW/4

d) EXTEND the South Crossroads-Devonian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM  
SECTION 16: S/2

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

✓ TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: SW/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM  
SECTION 7: N/2 and SE/4  
SECTION 18: NE/4

g) EXTEND the East Saunders-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 26: SW/4

h) EXTEND the Tobac-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 29: NW/4



Docket No. 19-64

DOCKET: REGULAR HEARING - WEDNESDAY - JULY 15, 1964

OIL CONSERVATION COMMISSION - 9:00 A.M. - MORGAN HALL, STATE LAND OFFICE  
BUILDING, SANTA FE, NEW MEXICO

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

CASE 3077: Southeastern New Mexico nomenclature case calling for an order for the creation and extension of certain pools in Lea and Roosevelt Counties, New Mexico:

- a) CREATE A new oil pool for Wolfcamp production, designated as the Austin-Wolfcamp Pool, and described as:

TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM  
SECTION 19: NW/4

- b) CREATE A new oil pool for Wolfcamp production, designated as the East Vacuum-Wolfcamp Pool, and described as:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: SW/4

- c) CREATE A new gas pool for Pennsylvanian production, designated as the Wilson-Pennsylvanian Gas Pool, and described as:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NW/4

- d) EXTEND the South Crossroads-Devonian Pool to include therein:

TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM  
SECTION 16: S/2

- e) EXTEND the Kemnitz-Wolfcamp Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: SW/4

- f) EXTEND the Mesa-Queen Pool to include therein:

TOWNSHIP 16 SOUTH, RANGE 32 EAST, NMPM  
SECTION 7: N/2 and SE/4  
SECTION 18: NE/4

- g) EXTEND the East Saunders-Permo Pennsylvanian Pool to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 20: SW/4

- h) EXTEND the Tobac-Pennsylvanian Pool to include therein:

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 29: NW/4

- 2 - July 15, Nomenclature

CASE 3078: Northwestern New Mexico nomenclature case calling for an order for the extension of the following pools in Rio Arriba, San Juan and Sandoval Counties, New Mexico:

a) EXTEND the Ballard-Pictured Cliffs Pool to include therein:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM  
SECTION 31: NW/4

b) EXTEND the Blanco-Pictured Cliffs Pool to include therein:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM  
SECTION 15: E/2

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM  
SECTION 31: SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM  
SECTION 9: A11  
SECTION 15: A11  
SECTION 16: A11  
SECTION 21: N/2 & SE/4  
SECTION 22: A11  
SECTION 27: NE/4

c) EXTEND the South Blanco-Pictured Cliffs Pool to include therein:

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPM  
SECTION 7: S/2  
SECTION 18: N/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM  
SECTION 12: SE/4  
SECTION 13: NE/4

d) EXTEND the Tapacito-Pictured Cliffs Pool to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM  
SECTION 25: W/2  
SECTION 26: E/2

e) EXTEND the Blanco-Mesaverde Pool to include therein:

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM  
SECTION 30: W/2

TOWNSHIP 27 NORTH, RANGE 9 WEST, NMPM  
SECTION 25: E/2  
SECTION 36: E/2

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM  
SECTION 20: W/2

f) EXTEND the Devils Fork-Gallup Pool to include therein:

TOWNSHIP 24 NORTH, RANGE 6 WEST, NMPM  
SECTION 15: E/2 NW/4 & W/2 NE/4

- 3 - July 15, Nomenclature

g) EXTEND the Many Rocks-Gallup Oil Pool to include therein;

TOWNSHIP 31 NORTH, RANGE 16 WEST, NMPM  
SECTION 21: E/2 NW/4

CASE 3079: Application of El Paso Natural Gas Company for reinstatement of accumulated underproduction in the Jalmat Gas Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 14 (A) of the General Rules and Regulations for Prorated Gas Pools of South-eastern New Mexico promulgated by Order No. R-1670, to permit wells in the Jalmat Gas Pool, Lea County, New Mexico, to make up underproduction subject to cancellation on July 1, 1964 and January 1, 1965, during the make-up period from July 1, 1964 to June 30, 1965 by reinstating that portion of such underproduction that is administratively determined to have been made up during said make-up period upon application of the operator filed within 30 days after July 1, 1965.

CASE 3080: Application of Pan American Petroleum Corporation for a no-flare exception, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an exception to Rule 8 of Order No. R-1410-C to permit the flaring of casinghead gas produced from its C. A. McAdams "B" Wells Nos. 1 and 2, located in Units J and E of Section 28, Township 27 North, Range 10 West, Angels Peak-Gallup Pool, San Juan County, New Mexico.

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. 3077  
ORDER NO. R-2742

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CER-  
TAIN POOLS IN CHAVES 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 July 15, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 17th day of July, 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 Wolfcamp formation, said pool to bear the designation of Austin-Wolfcamp Pool. Said Austin-Wolfcamp Pool was discovered by Cabot Corporation, Austin State No. 1, located in Unit F of Section 19, Township 14 South, Range 36 East, NMPM. It was completed in Lower Wolfcamp on March 19, 1964. The top of perforations is 10,357 feet.

(3) That the proposed creation of a new pool in Section 3, Township 18 South, Range 35 East, Lea County, New Mexico, for the production of oil from the Wolfcamp formation should be dismissed pending further study.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Wilson-Pennsylvanian Gas Pool. Said Wilson-Pennsylvanian Gas Pool was discovered by The Pure Oil Company, Wilson Deep Unit No. 1, located in Unit F of Section 13, Township 21 South, Range 34 East, NMPM. It was completed in Morrow on July 25, 1963. The top of perforations is 12,320 feet.

- 2 -

CASE NO. 3077

ORDER NO. R-2742

(5) That there is need for certain extensions to the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, the South Crossroads-Devonian Pool, the Kemnitz-Wolfcamp Pool, the Mesa-Queen Pool, and the East Saunders-Irmo 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 Lower Wolfcamp production, is hereby created and designated as the Austin-Wolfcamp Pool, consisting of the following-described area:

TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM  
SECTION 19: NW/4

(b)

(b) That the proposed creation of a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the East Vacuum-Wolfcamp Pool, consisting of the following-described area:

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: SW/4

is hereby dismissed.

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NW/4

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

TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM  
SECTION 16: S/2  
SECTION 21: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: SW/4

(f) 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 7: N/2 and SE/4  
SECTION 18: NE/4

- 3 -

CASE NO. 3077  
ORDER NO. R-2742

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 20: SW/4

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

TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 29: W/2  
SECTION 31: NE/4  
SECTION 32: NW/4

IT IS FURTHER ORDERED:

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

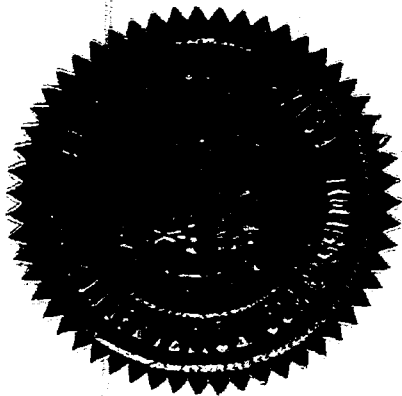
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

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



CASE 3077: (a) CREATION OF A NEW OIL POOL  
COUNTY LEA POOL AUSTIN-WOLFCAMP

TOWNSHIP 14 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.

CABOT CORPORATION - Austin State #1 in Unit F of Section 19-14-36. Completed in Lower Wolfcamp on March 19, 1964. Top of Perforations 10,357'.

Proposed pool boundary colored in red. SECTION 19: NW/4

BEFORE THE	
OIL CONSERVATION COMMISSION	
Santa Fe, New Mexico	
OCC	Exhibit No. 1
Case No.	3077

CASE 3077: (b) CREATION OF A NEW OIL POOL  
COUNTY LEA

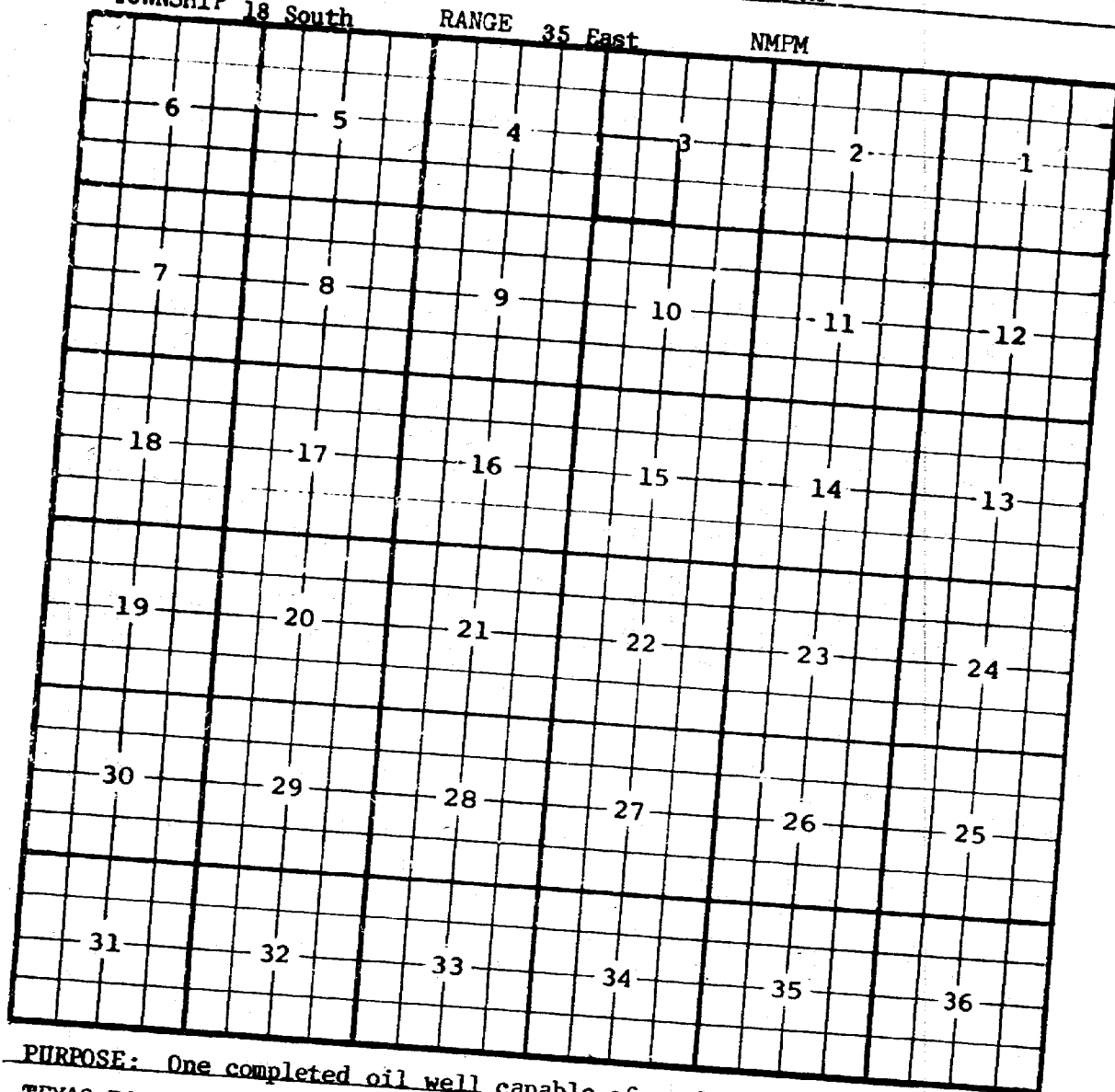
POOL EAST VACUUM-WOLF CAMP

TO BE DISMISSED

TOWNSHIP 18 South

RANGE 35 East

NMPM



PURPOSE: One completed oil well capable of producing.

TEXAS PACIFIC OIL COMPANY - State "AF" #3 in Unit L of Section 8-18-35.

Completed in Wolfcamp on May 6, 1964. Top of Perforations 9883'.

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

TO BE DISMISSED PENDING FURTHER STUDY



CASE 3077: (c) CREATION OF A NEW GAS POOL

COUNTY LEA POOL WILSON-PENNSYLVANIAN GAS

TOWNSHIP 21 South RANGE 34 East NMFM

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

PURPOSE: One completed gas well capable of producing.

THE PURE OIL COMPANY - Wilson Deep Unit #1 in Unit F of Section 13-21-34.

Completed in Morrow on July 22<sup>nd</sup>, 1963. Top of Perforations 12,320'.

Proposed pool boundary colored in red. SECTION 13: NW/4

CASE 3077: (d) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL SOUTH CROSSROADS-DEVONIAN

TOWNSHIP		10 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.

RALPH LOWE - Crossroads State #1 in Unit 0 of Section 16-10-36. Completed in Devonian on March 26, 1964. Top of Perforations 12,274'.

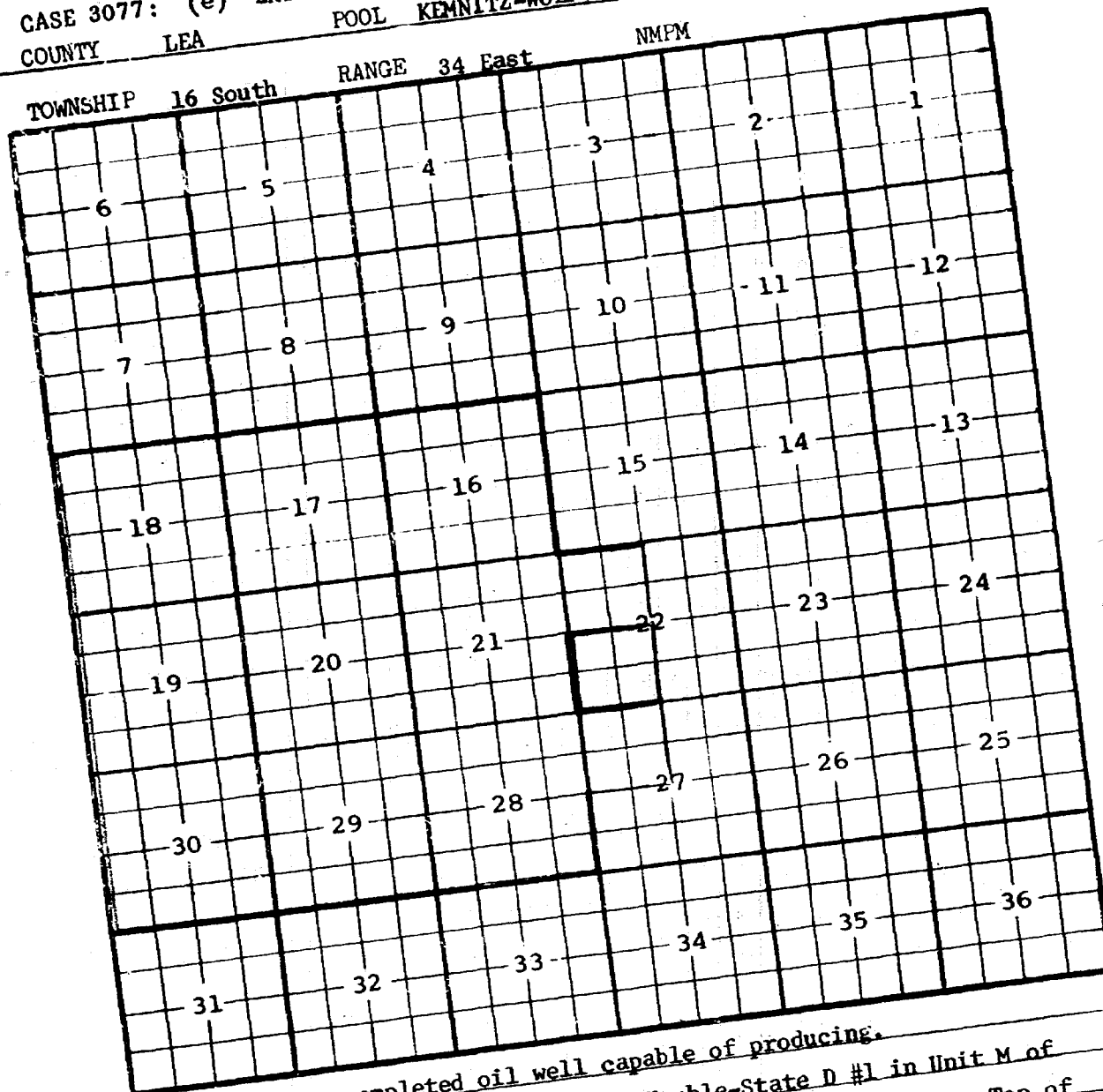
ADDITION--RALPH LOWE - Crossroads State A #1 in Unit B of Section 21-10-36. Completed in Devonian on June 4, 1964. Top of Perforations 12,291'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 16: S/2

ADDITION----SECTION 21: NE/4

CASE 3077: (e) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL KEMNITZ-WOLFCAMP



PURPOSE: One completed oil well capable of producing.

SAM BOREN AND MAJOR & GIEBEL OILS - Humble-State D #1 in Unit M of  
Section 22-16-34. Completed in Wolfcamp on April 20, 1964. Top of  
Perforations 10,734'.

Pool boundary colored in red.

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

CASE 3077: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MESA-QUEEN

TOWNSHIP 16 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: Two completed gas wells capable of producing in an oil pool.

BOB DEAN, LTD. - Mobil State #1 in Unit E of Section 7-16-32. Completed in Queen on October 25, 1963. Top of Perforations 3308'.

BOB DEAN, LTD. - Sinclair State A #1 in Unit H of Section 18-16-32. Completed in Queen on January 28, 1964. Top of Perforations 3372'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 7: N/2 and SE/4

SECTION 18: NE/4

CASE 3077: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST SAUNDERS-PERMO PENNSYLVANIAN

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

PURPOSE: One completed oil well capable of producing.

SKELLY OIL COMPANY - Hobbs "P" #1 in Unit K of Section 20-14-34. Completed in Permo Pennsylvanian on May 1, 1964. Top of Perforations 10,421'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: SW/4

CASE 3077: (h) EXTENSION OF AN EXISTING OIL POOL

COUNTY CHAVES POOL TOBAC-PENNSYLVANIAN

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

PURPOSE: Two completed oil wells capable of producing.

CABOT CORPORATION - Signal State #2 in Unit F of Section 29-8-33. Completed in Pennsylvanian on June 24, 1964. Top of Perforations 9059'.

SIGNAL OIL & GAS COMPANY - State #29-1 in Unit C of Section 29-8-33. Completed in Bough C on May 24, 1964. Top of Perforations 9035'.

ADDITIONAL CABOT CORPORATION - Tidewater State #1 in Unit H of Section 31-8-33. Completed in Pennsylvanian on June 3, 1964. Top of Perforations 9200'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 29: NW/4

ADDITIONS-SECTION 29: SW/4

SECTION 31: NE/4

SECTION 32: NW/4

**CASE 3877: (a) CREATION OF A NEW OIL POOL**

COUNTY **LEA** POOL **AUSTIN-WOLFCAMP**

TOWNSHIP **14 South** RANGE **36 East** NMFM

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

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

**CANDOT CORPORATION** - Austin State #1 in Unit F of Section 19-14-36. Completed in Lower Wolfcamp on March 19, 1964. Top of Perforations 10,357'.

Proposed pool boundary colored in red. SECTION 19: NW/4

CASE 3077: (b) CREATION OF A NEW OIL POOL

TO BE DISMISSED

COUNTY LEA

POOL EAST VACUUM-WOLF CAMP

TOWNSHIP 18 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.

TEXAS PACIFIC OIL COMPANY - State "AF" #3 in Unit L of Section 8-18-35.

Completed in Wolfcamp on May 6, 1964. Top of Perforations 9883'.

Proposed pool boundary colored in red. SECTION 8: SW/4

TO BE DISMISSED PENDING FURTHER STUDY



CASE 3077: (c) CREATION OF A NEW GAS POOL  
COUNTY LEA POOL WILSON-PENNSYLVANIAN GAS

TOWNSHIP 21 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 gas well capable of producing.

THE PURE OIL COMPANY - Wilson Deep Unit #1 in Unit F of Section 13-21-34.

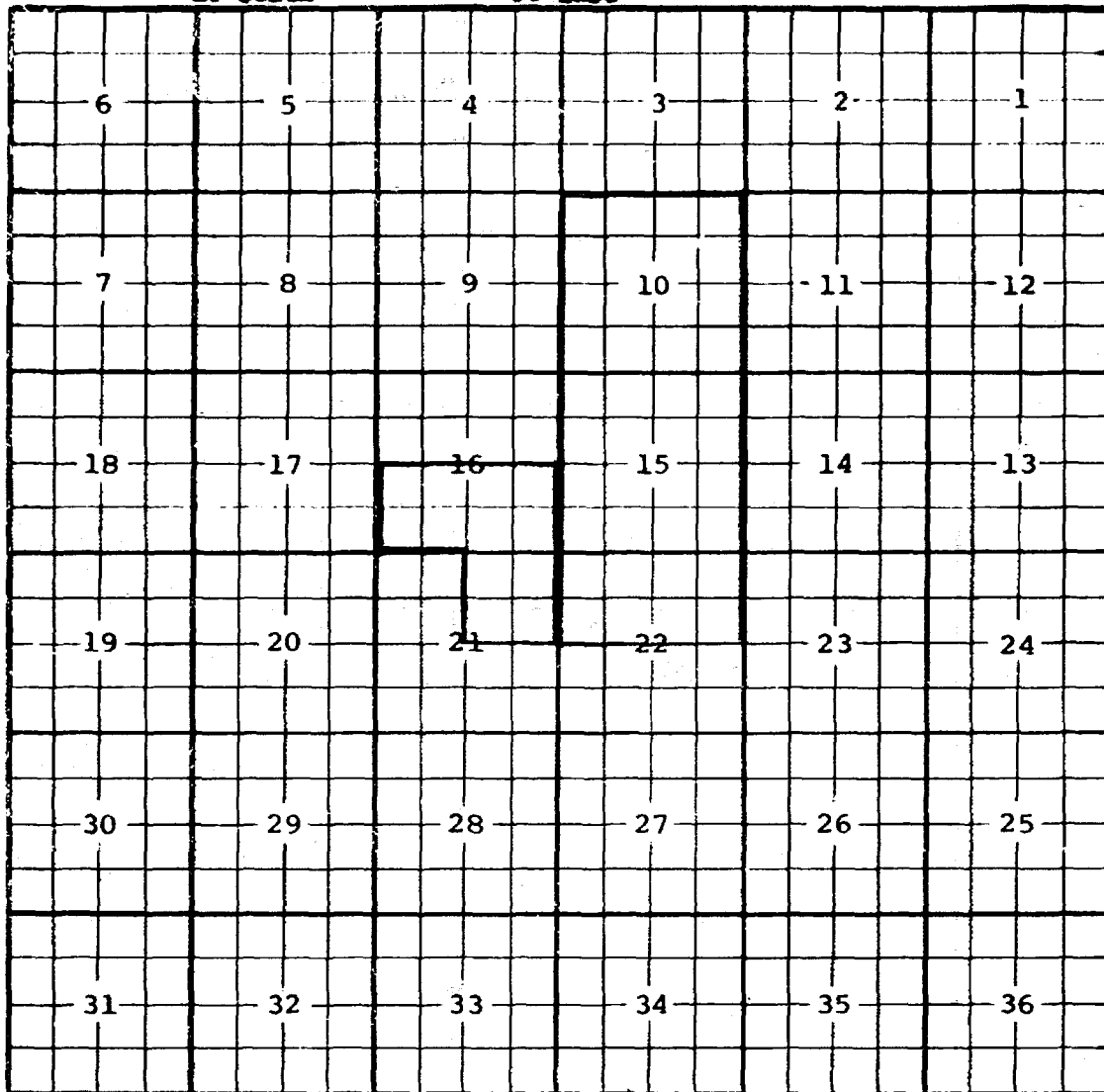
Completed in Morrow on July 225, 1963. Top of Perforations 12,320'.

Proposed pool boundary colored in red. SECTION 13: NW/4

**CASE 3077: (d) EXTENSION OF AN EXISTING OIL POOL**

COUNTY **LEA** POOL **SOUTH CROSSROADS-DEVONIAN**

TOWNSHIP **10 South** RANGE **36 East** NMPM



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

**RALPH LOWE** - Crossroads State #1 in Unit 0 of Section 15-10-36. Completed in Devonian on March 26, 1964. Top of Perforations 12,274'.

**ADDITION--RALPH LOWE** - Crossroads State A #1 in Unit B of Section 21-10-36. Completed in Devonian on June 4, 1964. Top of Perforations 12,291'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 16: S/2

ADDITION----SECTION 21: NE/4

**CASE 3077: (e) EXTENSION OF AN EXISTING OIL POOL**

COUNTY

LEA

POOL

KENNETH-WOLF CAMP

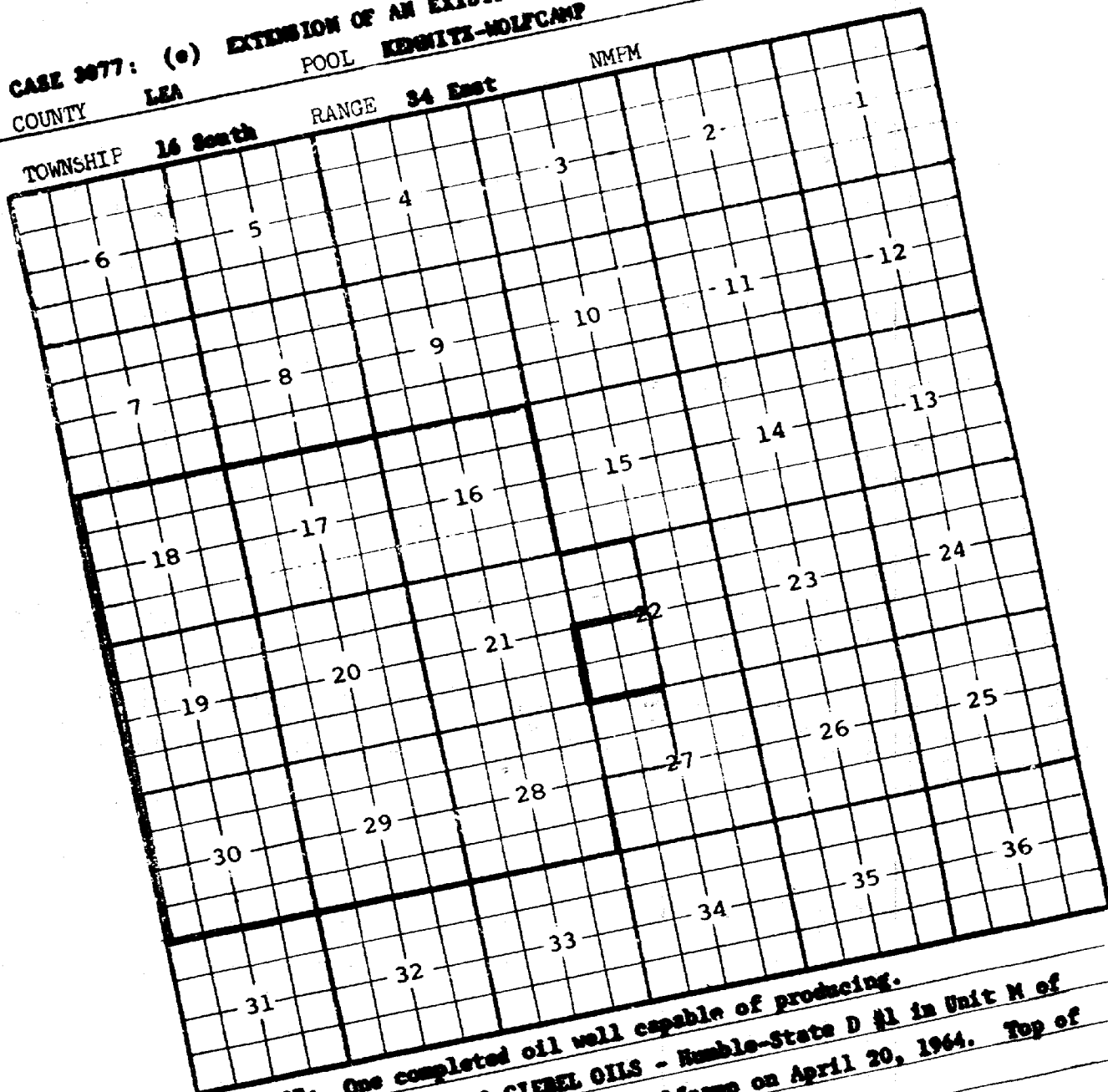
TOWNSHIP

16 South

RANGE

34 East

NMFM

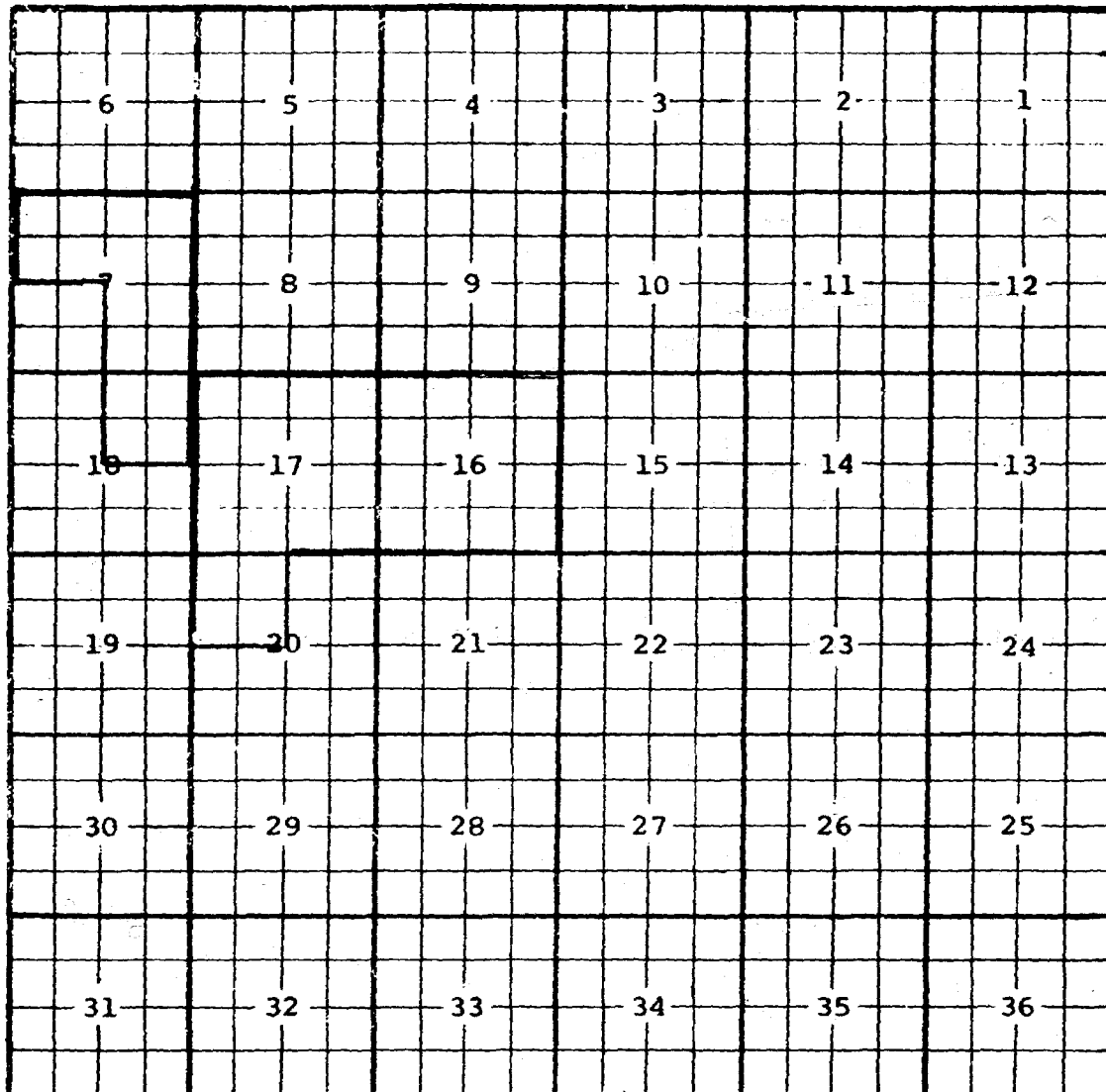


**PURPOSE:** One completed oil well capable of producing.  
**SAM BOREN AND MAJOR & GIEBEL OILS - Humble-State D #1 in Unit M of**  
**Section 22-16-34. Completed in Wolfcamp on April 20, 1964. Top of**  
**Perforations 10,794'.**  
**Pool boundary colored in red.**  
**Proposed pool extension colored in green. SECTION 22: SW/4**

**CASE 3077: (f) EXTENSION OF AN EXISTING OIL POOL**

COUNTY **LEA** POOL **MESA-QUEEN**

TOWNSHIP **16 South** RANGE **32 East** NMPM



**PURPOSE:** Two completed gas wells capable of producing in an oil pool.  
**NOB DEAN, LTD. - Mobil State #1 in Unit E of Section 7-16-32. Completed**  
**in Queen on October 25, 1963. Top of Perforations 3308'.**  
**NOB DEAN, LTD. - Sinclair State A #1 in Unit H of Section 18-16-32.**  
**Completed in Queen on January 28, 1964. Top of Perforations 3372'.**  
**Pool boundary colored in red.**  
**Proposed pool extensions colored in green. SECTION 7: N/2 and SE/4**  
**SECTION 18: NE/4**

**CASE 3077: (g) EXTENSION OF AN EXISTING OIL POOL**

COUNTY **LEA** POOL **EAST SAUNDERS-PERMO PENNSYLVANIAN**

TOWNSHIP **14 South** RANGE **34 East** NMFM

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

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

**SKELLY OIL COMPANY** - Hobbs "P" #1 in Unit K of Section 20-14-34. Completed in Permo Pennsylvanian on May 1, 1964. Top of Perforations 10,421'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: SW/4

**CASE 3077: (h) EXTENSION OF AN EXISTING OIL POOL**

COUNTY **CHAVES** POOL **TOBAC-PENNSYLVANIAN**

TOWNSHIP **8 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:** Two completed oil wells capable of producing.

**CABOT CORPORATION** - Signal State #2 in Unit F of Section 29-8-33. Completed in Pennsylvanian on June 24, 1964. Top of Perforations 9059'.

**SIGNAL OIL & GAS COMPANY** - State #29-1 in Unit C of Section 29-8-33.

Completed in Bough C on May 24, 1964. Top of Perforations 9035'.

**ADDITION--CABOT CORPORATION** - Tidewater State #1 in Unit H of Section 31-8-33. Completed in Pennsylvanian on June 3, 1964. Top of Perforations 9200'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 29: NW/4

ADDITIONS-SECTION 29: SW/4

SECTION 31: NE/4

SECTION 32: 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. 3077  
ORDER NO. R- 2742

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CERTAIN  
POOLS IN CHAVES 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 July 15, 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 July, 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 Wolfcamp formation, said pool to bear the designation of Austin-Wolfcamp Pool. Said Austin-Wolfcamp Pool was discovered by Cabot Corporation, Austin State No. 1, located in ~~the NW/4~~, Unit F of Section 19, Township 14 South, Range 36 East, NMPM. It was completed in Lower Wolfcamp on March 19, 1964. The top of perforations is 10,357 feet.

*(3) That the proposed creation of a new pool in Section 3, Township 18 South, Range 35 East, Lea County, New Mexico, for the production of oil from the Wolfcamp formation should be dismissed pending further study.*

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Wilson-Pennsylvanian Gas Pool. Said Wilson-Pennsylvanian Gas Pool was discovered by The Pure Oil Company, Wilson Deep Unit No. 1, located in ~~the NW/4~~, Unit F of Section 13, Township 21 South, Range 34 East, NMPM. It was completed in Morrow on July 25, 1963. The top of perforations is 12,320 feet.

(5) That there is need for certain extensions to the Tobac-Pennsylvanian Pool in Chaves County, New Mexico, the South Crossroads-Devonian Pool, the Kennitz-Wolfcamp Pool, the Mesa-Queen Pool, and the East Saunders-Permo 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 Lower Wolfcamp production, is hereby created and designated as the Austin-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM  
SECTION 19: NW/4

(b) ~~That a new pool in Lea County, New Mexico, classified as an oil~~  
*That the proposed creation of a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production, designated as the East Vacuum-Wolfcamp Pool, consisting of the following described area:*

~~pool for Wolfcamp production, is hereby created and designated as the East Vacuum-Wolfcamp Pool, consisting of the following described area:~~

~~TO BE DISMISSED~~ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: SW/4  
*is hereby dismissed.*

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

✓ TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM  
SECTION 13: NW/4

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

✓ TOWNSHIP 10 SOUTH, RANGE 36 EAST, NMPM  
SECTION 16: S/2  
SECTION 21: NE/4

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

✓ TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: SW/4

(f) 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 7: N/2 and SE/4  
SECTION 18: NE/4

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

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 20: SW/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 29: W/2  
SECTION 31: NE/4  
SECTION 32: NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions included herein shall be August 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

S E A L