

CASE 2244:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

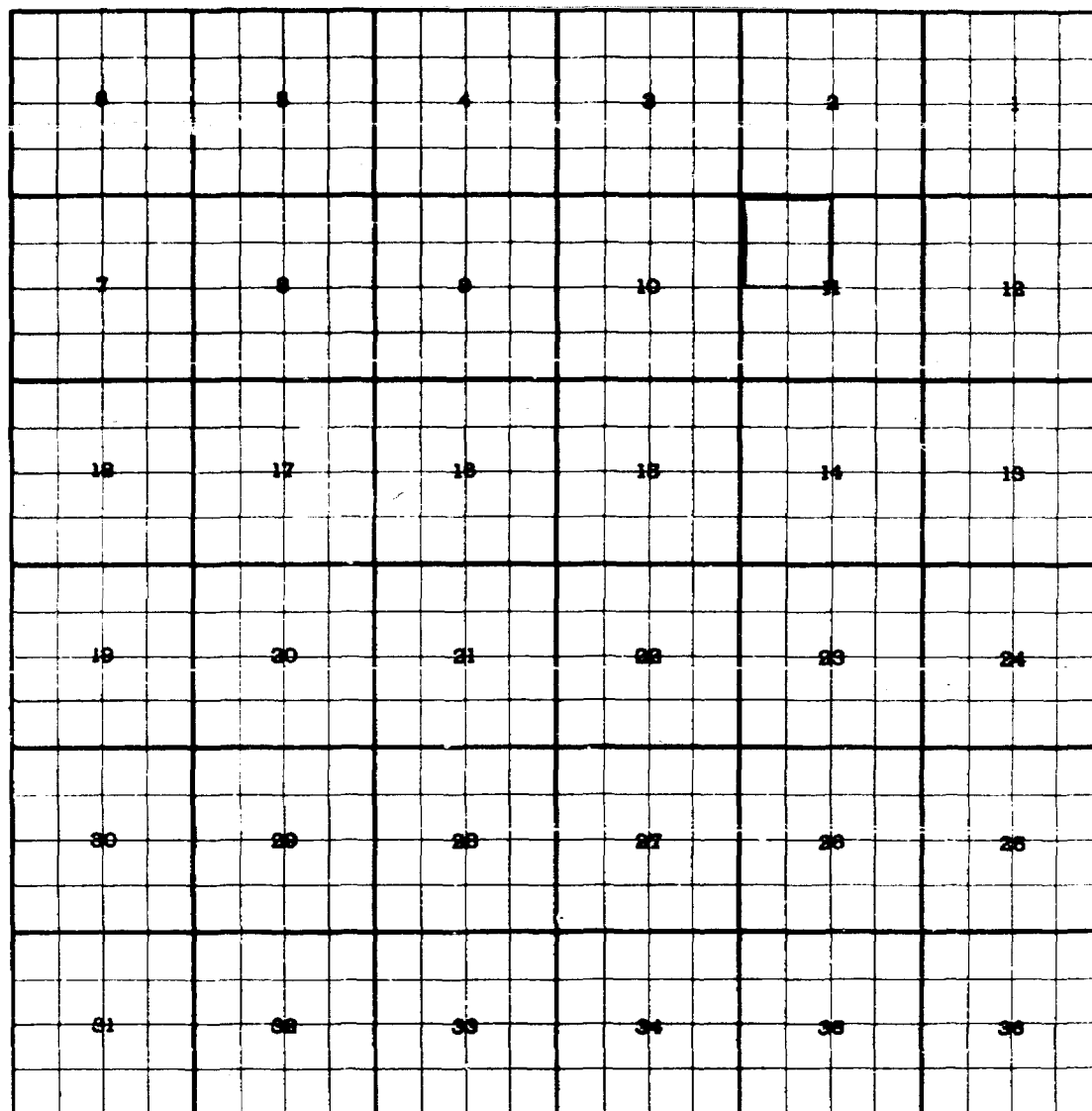
asa / No.  
2244

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Application, Transcript,  
and Exhibits, Etc.

County LEA Pool ALLISON-ABO

TOWNSHIP 9 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

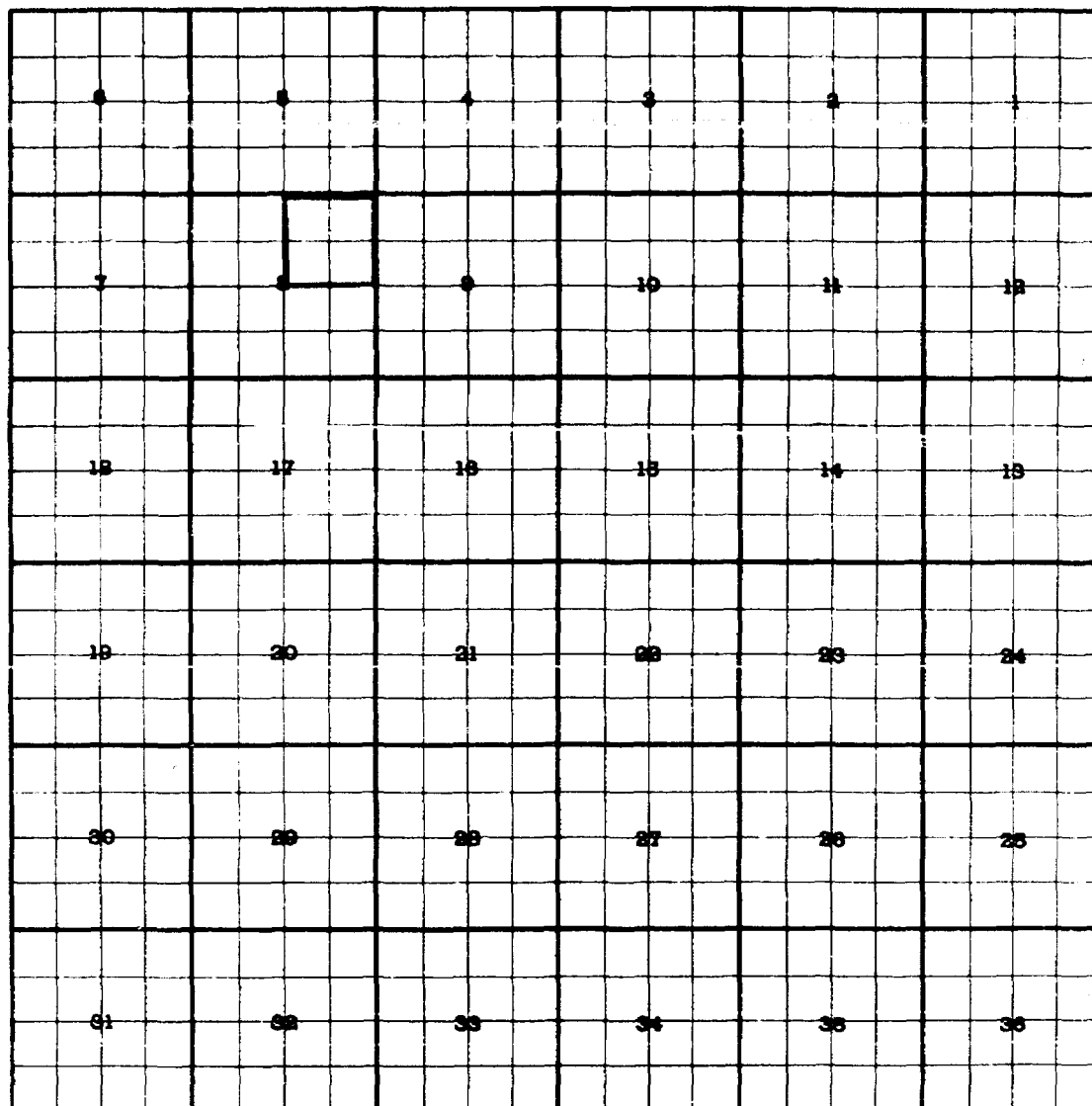
DISCOVERY WELL: GULF OIL CORPORATION - Federal Mills No. 1, Unit C, Sec. 11-T9S-R36E.  
 Completed in Abo February 1, 1961. TOP OF PERFORATIONS 8970'.  
 (This is a dual completion-other zone Allison-Penn) R-1795)

Proposed pool boundary colored in red. SECTION 11: NW/4

BEFORE THE  
 OIL CONSERVATION COMMISSION  
 SANTA FE, NEW MEXICO  
 EXHIBIT No. \_\_\_\_\_  
 CASE \_\_\_\_\_

County LEA Pool EAST ALLISON-PENNSYLVANIAN

TOWNSHIP 9 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: GREAT WESTERN DRILLING COMPANY - Federal MM No. 1, Unit B,  
Section 8-T9S-R37E. Completed in Bough C (Penn) Feb. 8, 1961.  
TOP OF PERFORATIONS 9671'.

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

CASE 2244: (c) CREATION OF AN OIL POOL

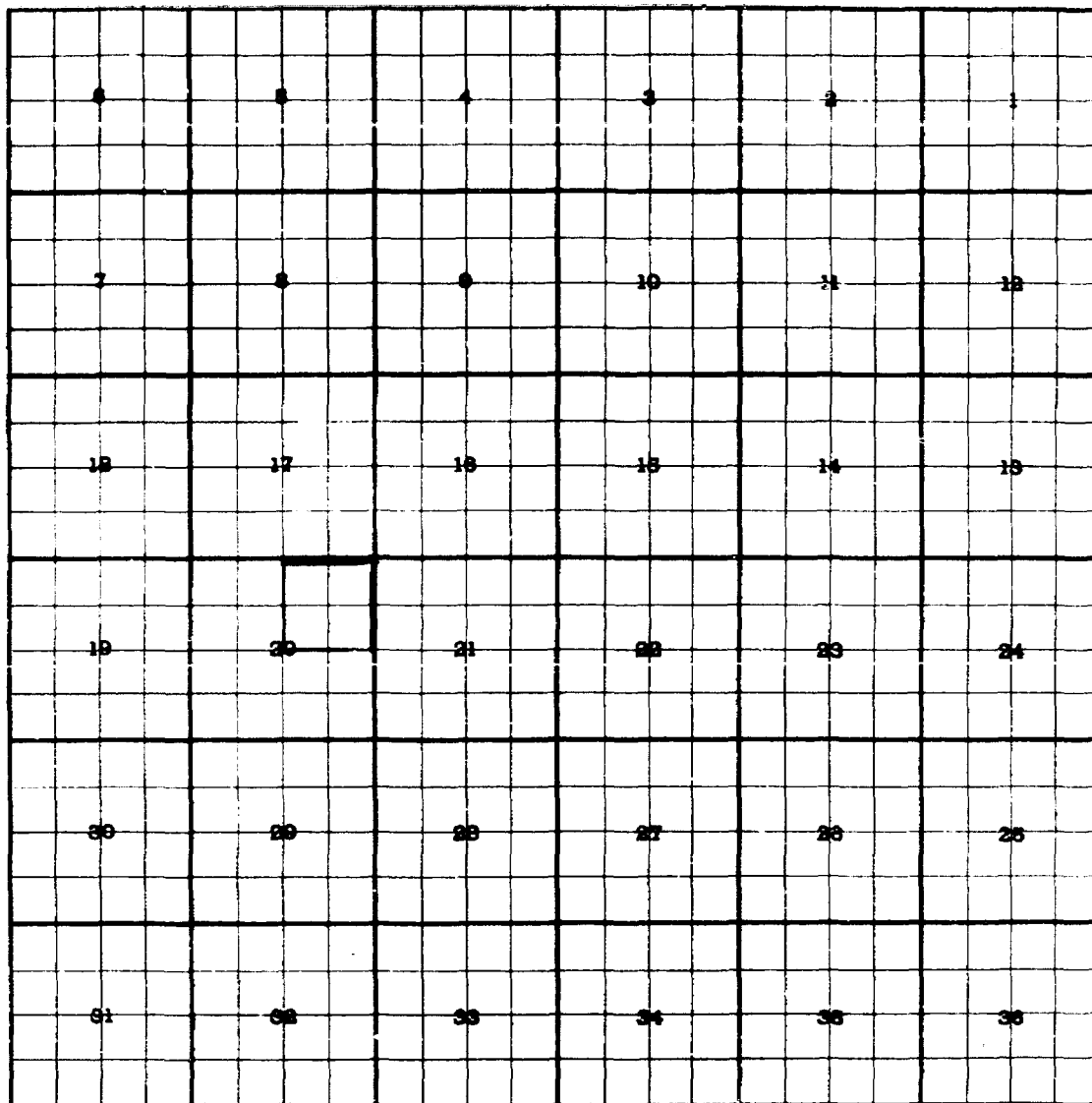
\*\*\*\*\*TO BE DISMISSED PENDING FURTHER STUDY\*\*\*\*\*

County LEA

Pool

SOUTH LOVINGTON-ABO

TOWNSHIP 17 *South*, RANGE 36 *East*, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: SUNRAY MID-CONTINENT OIL COMPANY - N. M. State X No. 1,  
Unit B, Section 20-T17S-R36E. Completed in Abo on  
December 27, 1960. TOP OF PERFORATIONS 9002'.

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

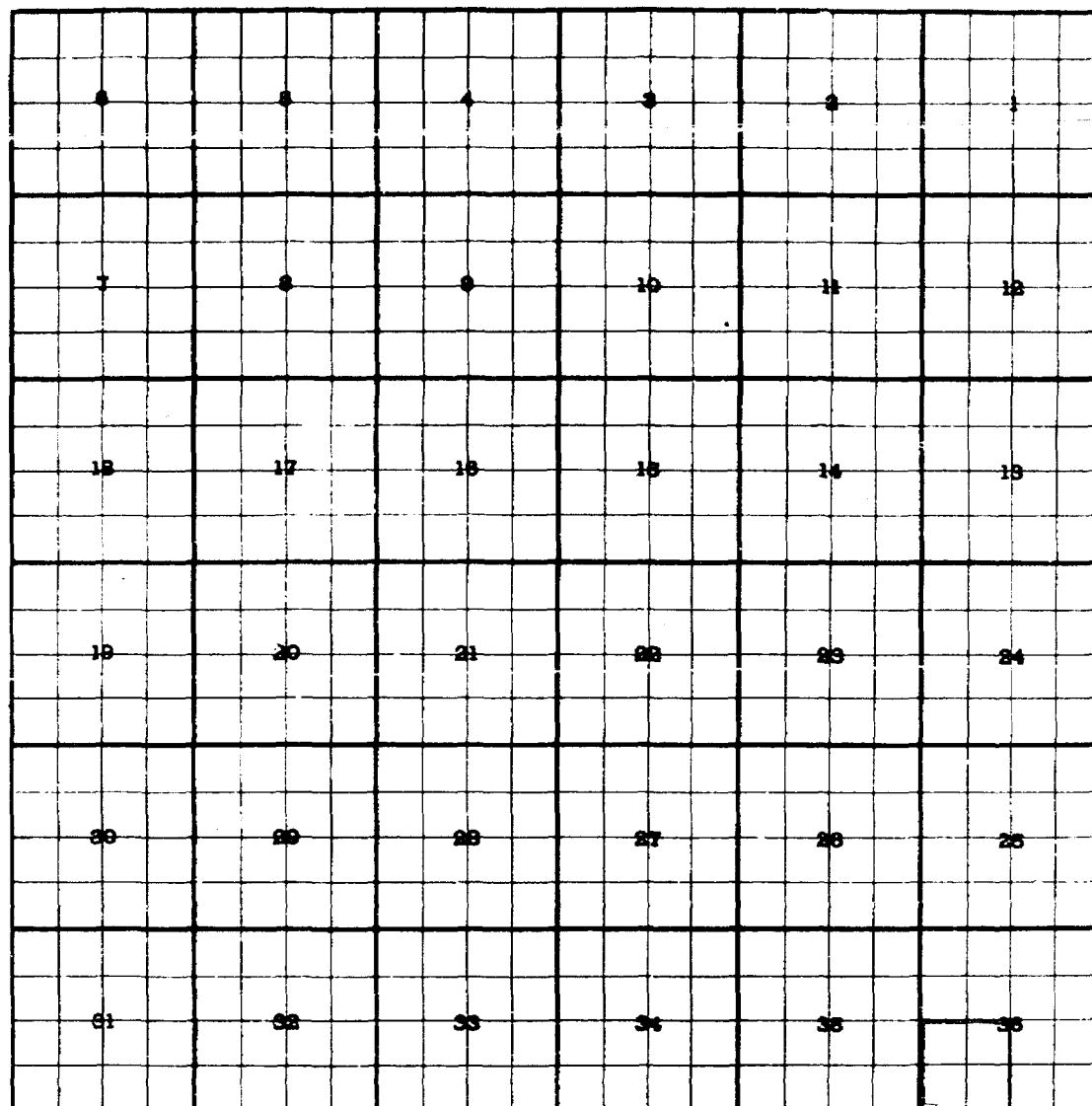
County

LEA

Pool

EAST VACUUM-ABO

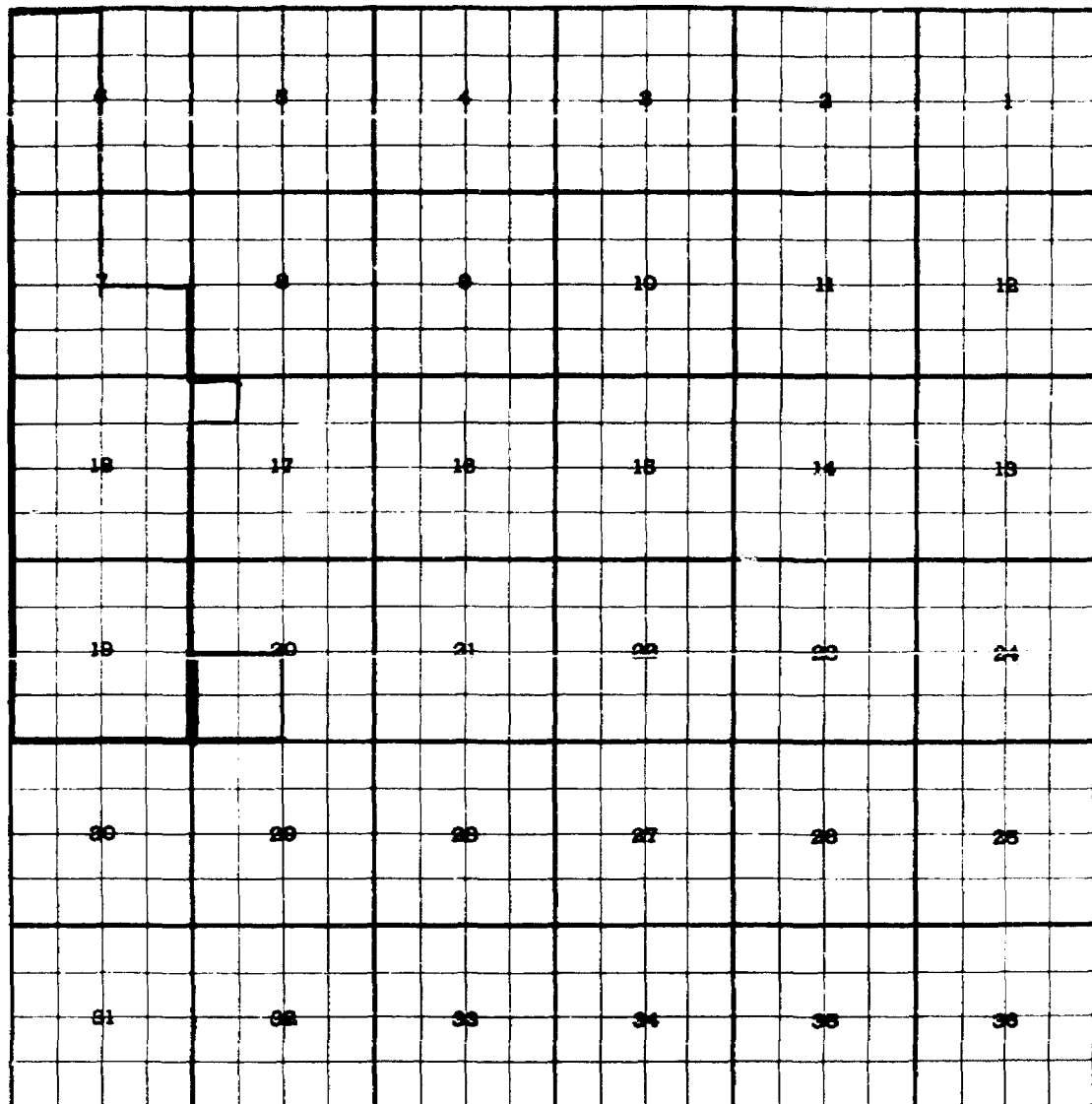
TOWNSHIP 17 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: AMERADA PETROLEUM CORPORATION - State VC No. 1, Unit LSection 36-T17S-R35E. Completed in Abo January 29, 1961.  
TOP OF PERFORATIONS 8890'.

Proposed pool boundary colored in red. SECTION 36: SW/4

County LEA Pool ARROWHEADTOWNSHIP 22 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: One completed oil well capable of producing.

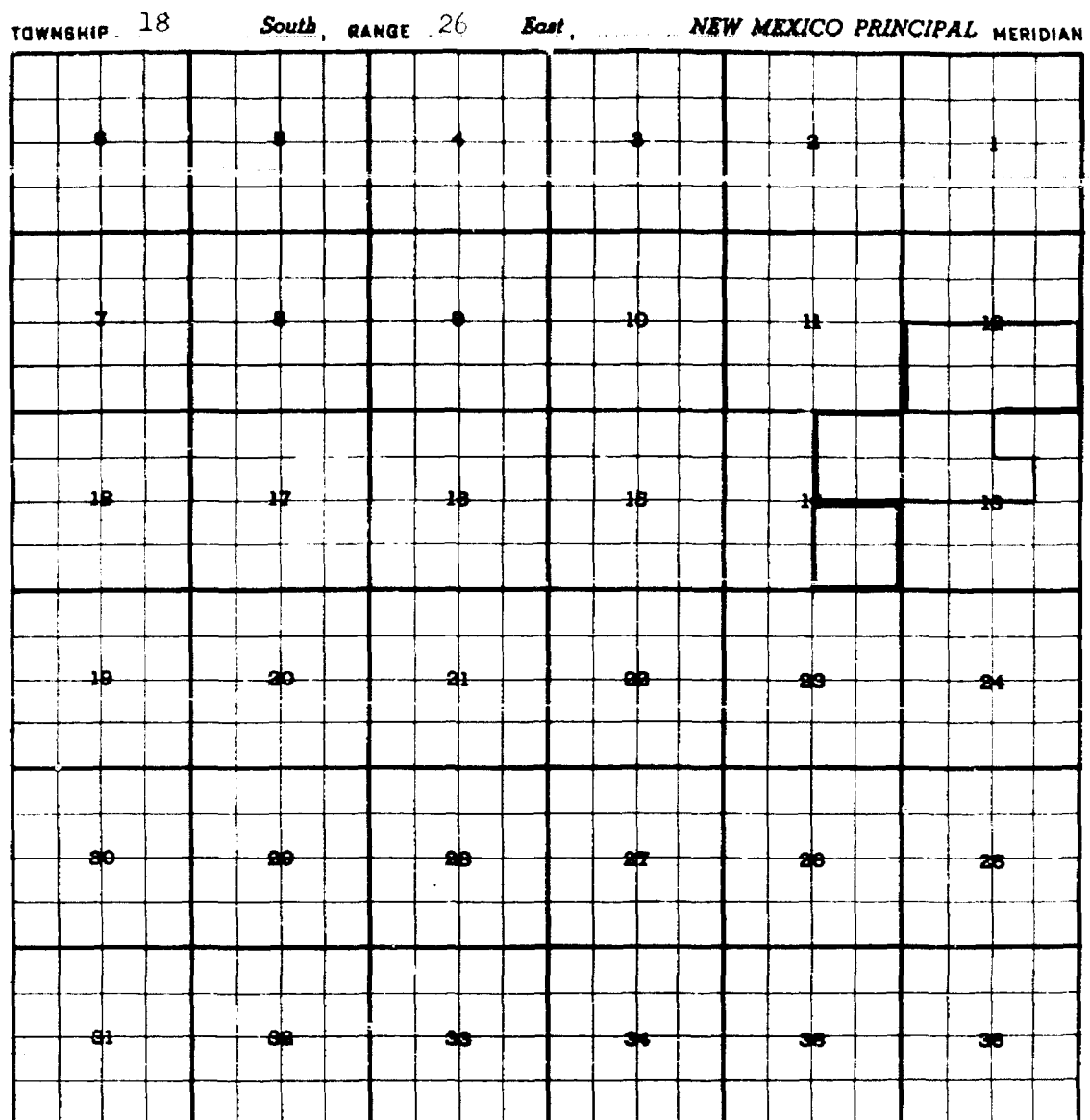
HUMBLE OIL & REFINING COMPANY - New Mexico State M No. 13, Unit K,  
 Section 20-T22S-R37E. ReCompleted in Grayburg November 21, 1960 (Formerly  
 Eumont Oil Well) TOP OF PERFORATIONS 3658'.

Pool boundary colored in red.

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

CASE 2244: (f) EXTENSION OF AN EXISTING OIL POOL

County EDDY Pool ATOKA-GRAYBURG



PURPOSE: One completed oil well capable of production

NATIONAL DRILLING COMPANY - Fanning No. 1, Unit I, Section 14-T18S-R26E.  
Completed in Grayburg March 2, 1961.

DEPTH TO CASING SHOE 950'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 14: SE/4



A 6x6 grid with numbers 1 through 36. The numbers are arranged as follows:

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

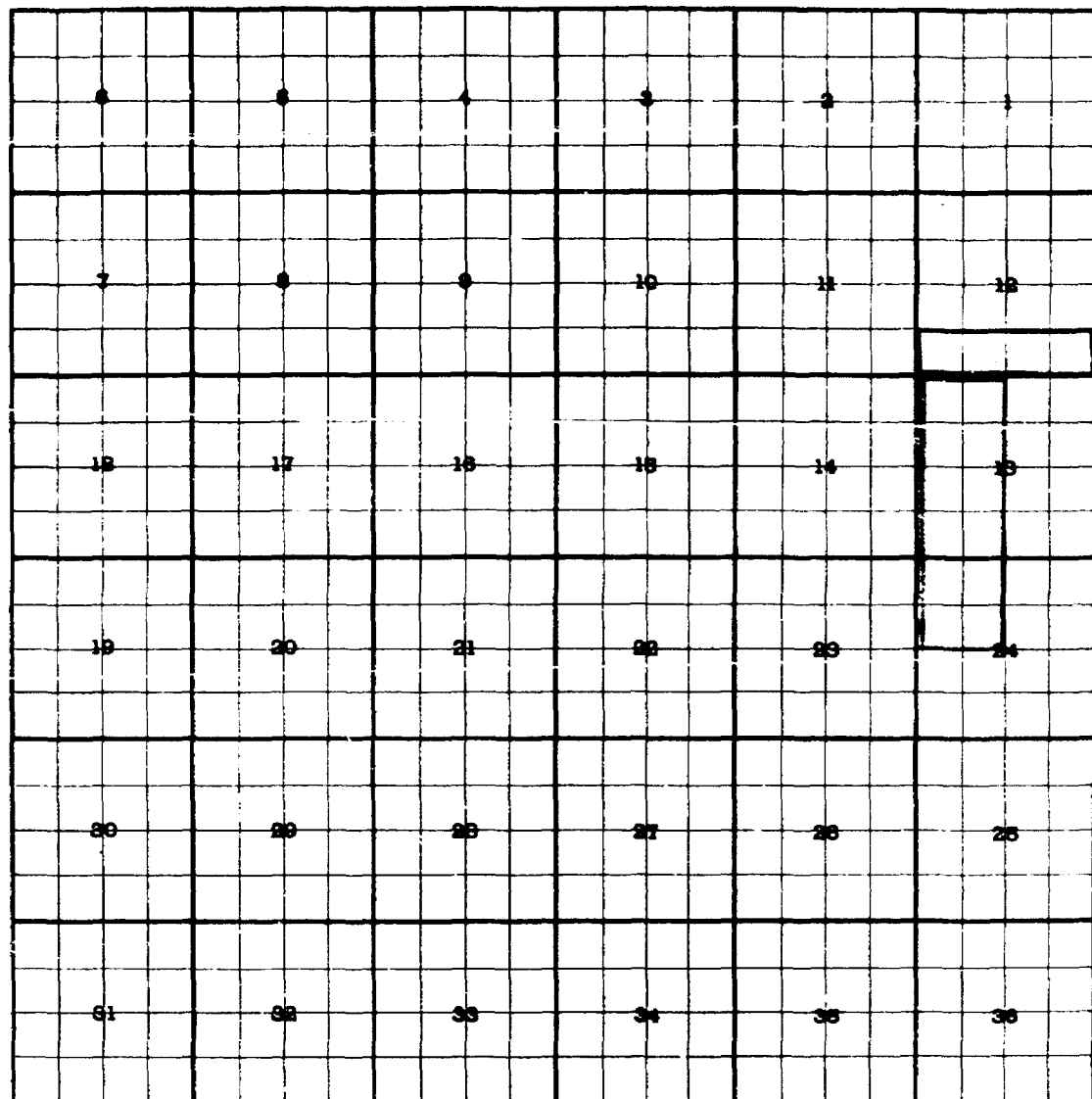
The following cells are connected by thick black lines, forming a continuous path:

- Cell 12 (Row 3, Column 1)
- Cell 13 (Row 3, Column 2)
- Cell 14 (Row 3, Column 3)
- Cell 15 (Row 3, Column 4)
- Cell 16 (Row 3, Column 5)
- Cell 17 (Row 3, Column 6)
- Cell 18 (Row 4, Column 1)
- Cell 19 (Row 4, Column 2)
- Cell 20 (Row 4, Column 3)
- Cell 21 (Row 4, Column 4)
- Cell 22 (Row 4, Column 5)
- Cell 23 (Row 4, Column 6)
- Cell 24 (Row 5, Column 1)
- Cell 25 (Row 5, Column 2)
- Cell 26 (Row 5, Column 3)
- Cell 27 (Row 5, Column 4)
- Cell 28 (Row 5, Column 5)
- Cell 29 (Row 5, Column 6)
- Cell 30 (Row 6, Column 1)
- Cell 31 (Row 6, Column 2)
- Cell 32 (Row 6, Column 3)
- Cell 33 (Row 6, Column 4)
- Cell 34 (Row 6, Column 5)
- Cell 35 (Row 6, Column 6)

ADDITION SECTION 32: N/2 NW/4

County EDDY Pool BRUSHY DRAW-DELAWARE

TOWNSHIP 26 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

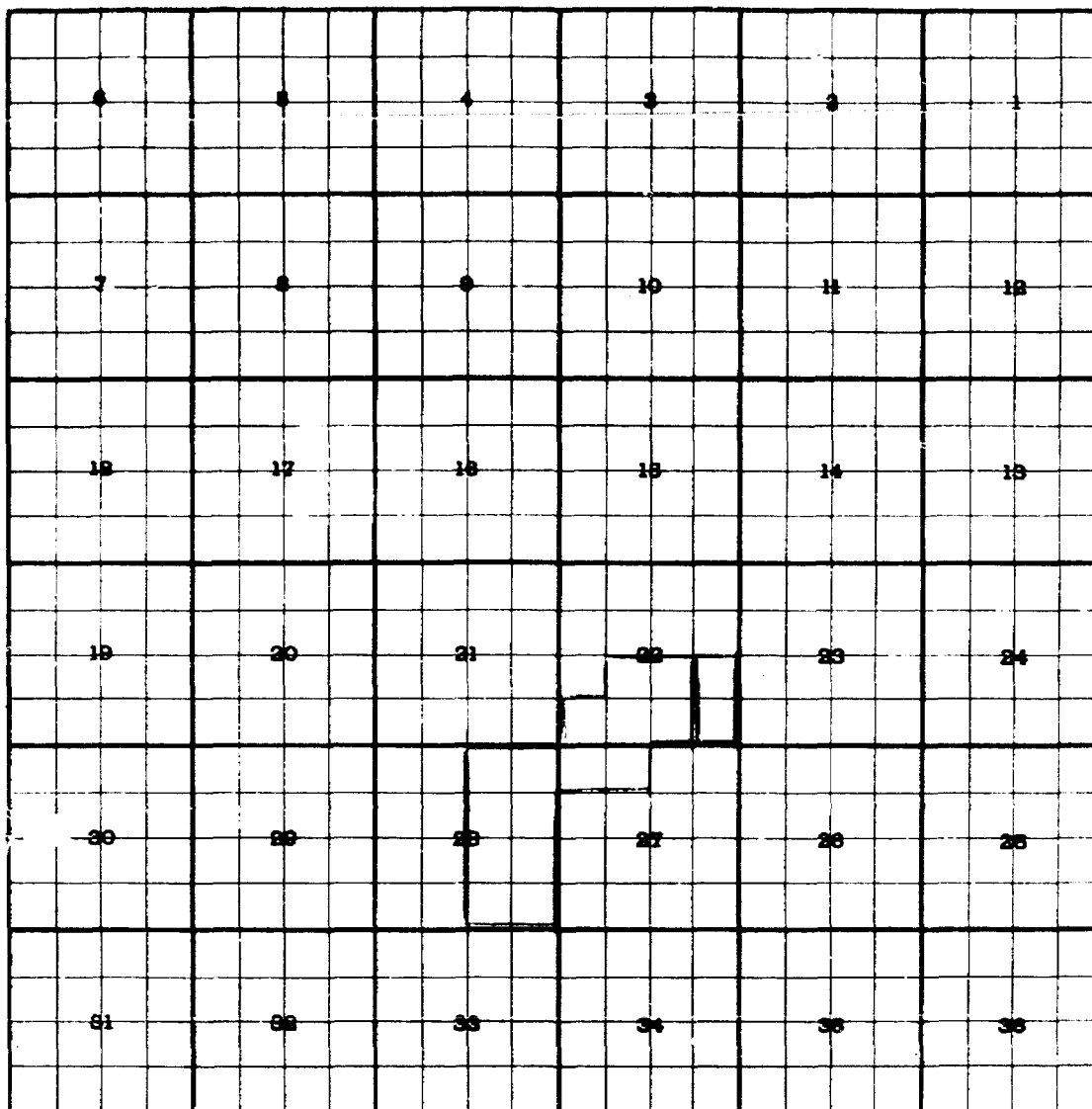
CURTIS HANKAMER - Schram-Federal No. 1, Unit 0, Section 12-T26S-R29E.

Completed in Delaware Sand December 2, 1960.

TOP OF PERFORATIONS - 3314'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 12: S/2 S/2

County LEA Pool EAST E.K-QUEENTOWNSHIP 18 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: One completed oil well capable of producing.

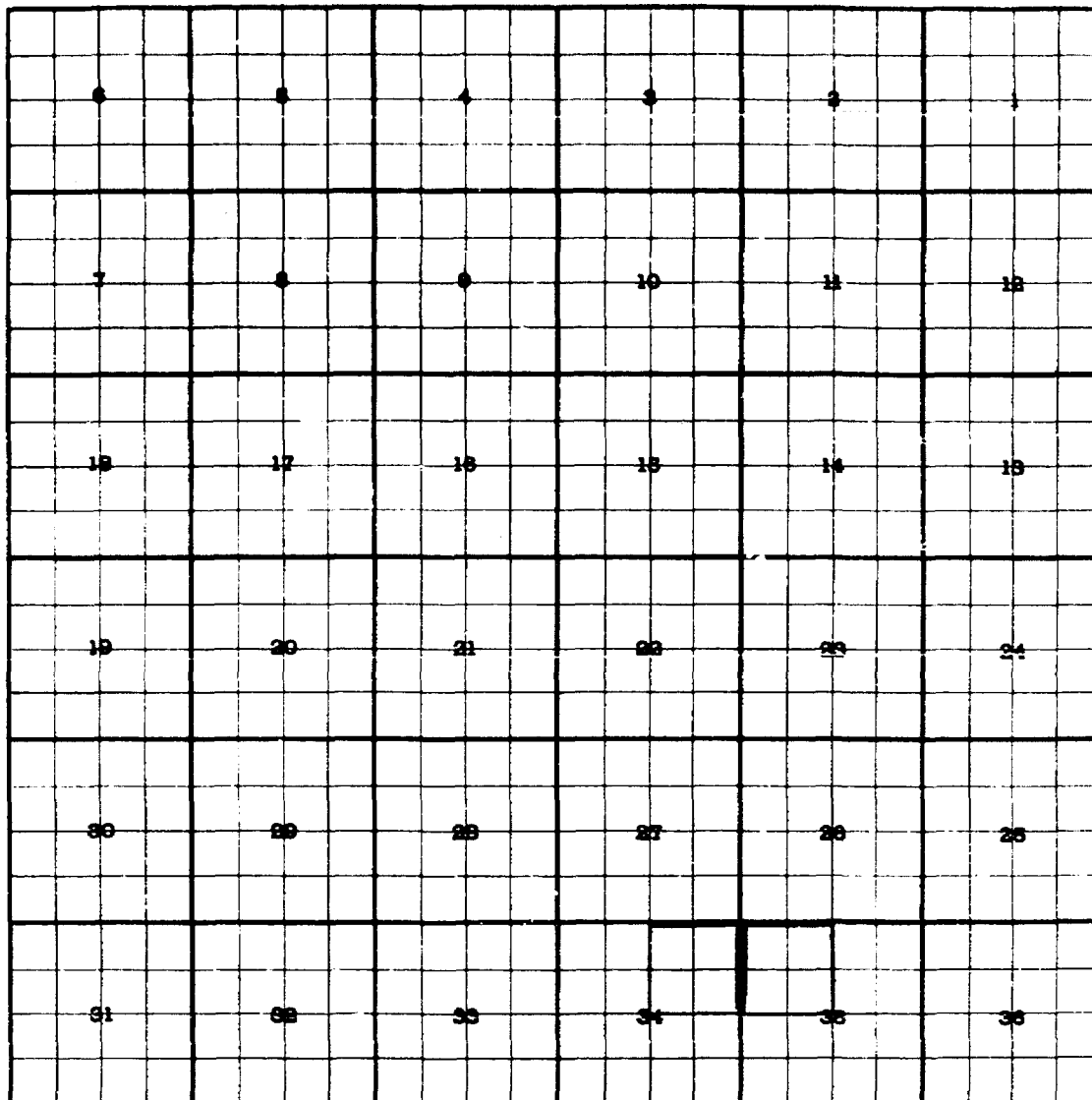
CONTINENTAL OIL COMPANY - State X-22 No. 2, Unit P, Sec. 22-T18S-R34E.

Completed in Queen January 12, 1961.

TOP OF PERFORATIONS 4586'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 22: E/2 SE/4

County LEA Pool SOUTHWEST GLADIOLA-PENNSYLVANIANTOWNSHIP 12 *South*, RANGE 37 *East*, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: One completed oil well capable of producing.

NEARBURG & INGRAM - Keating No. 1, Unit H, Section 34-T12S-R37E.

Completed in Pennsylvanian March 1, 1961.

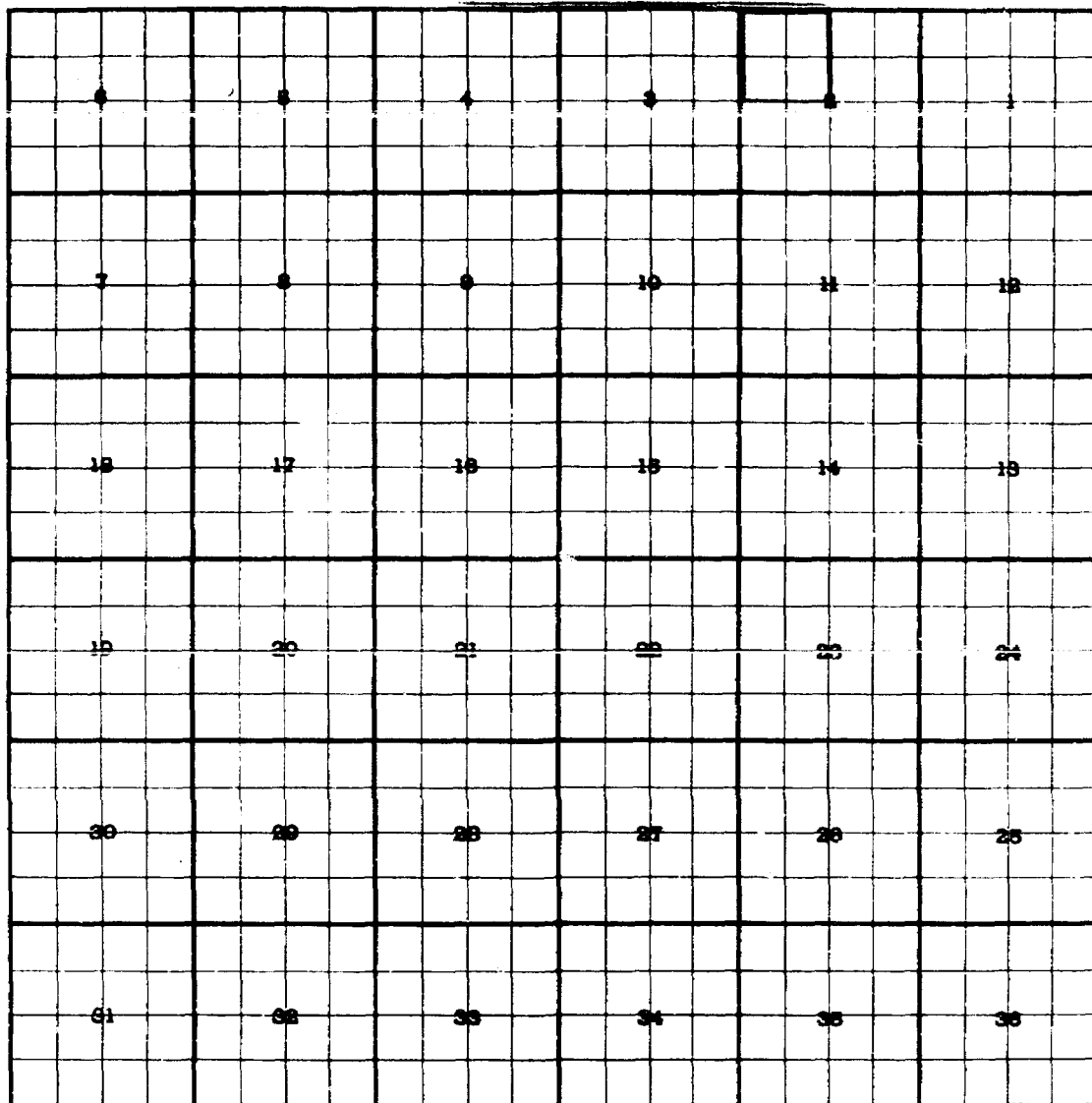
TOP OF PERFORATIONS 11,134'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 34: NE/4

County LEA Pool LAZY J-PENNSYLVANIAN POOL

TOWNSHIP 14 *South*, RANGE 33 *East*, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

TRICE PRODUCTION COMPANY - State N.M. Lazy J No. 1, Unit C, Section 2-T14S-R33E.

Completed in Pennsylvania February 20, 1961.

TOP OF PERFORATIONS 9786'.

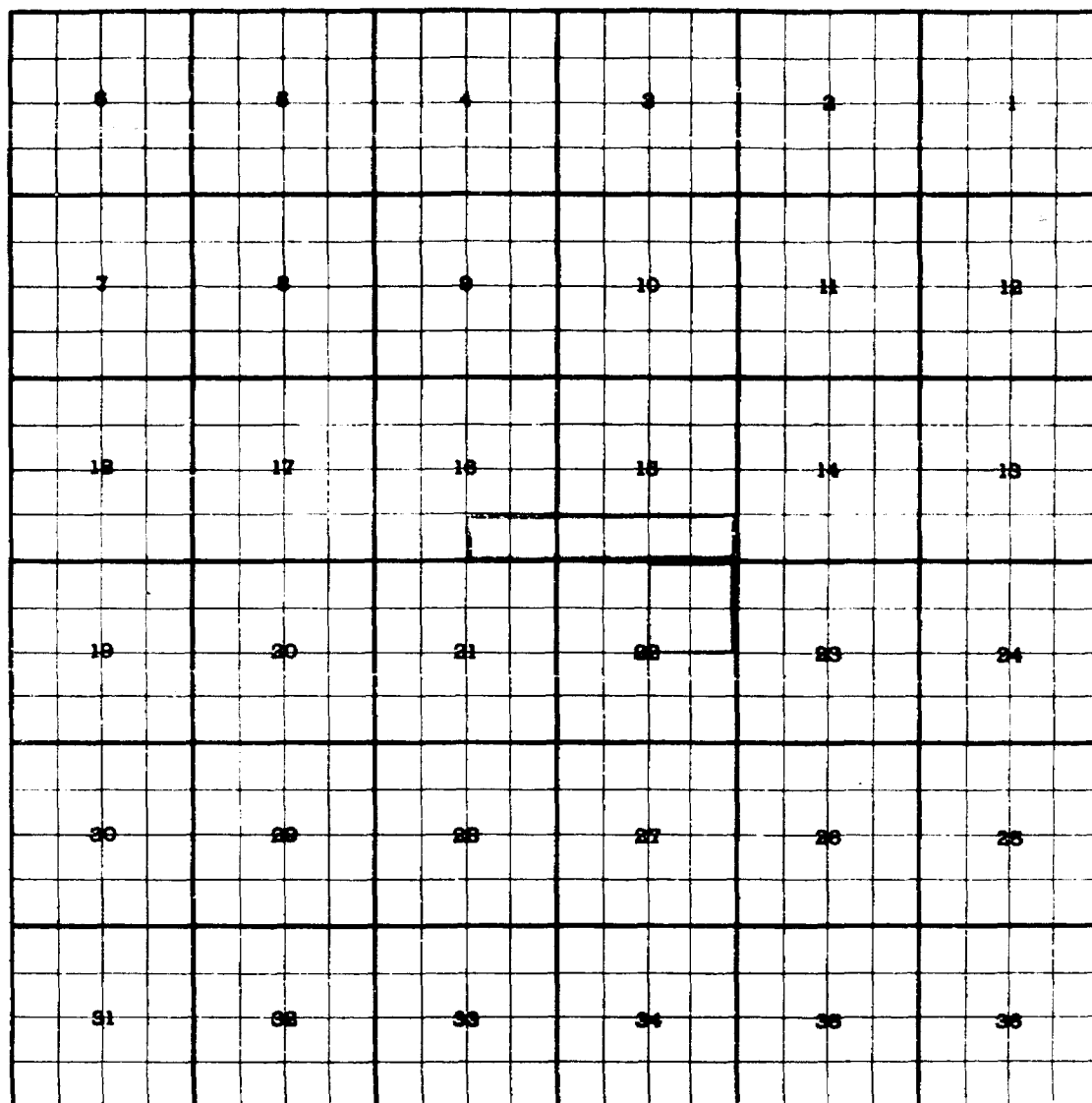
Pool boundary colored in red.

Proposed extension colored in green. SECTION 2: NW/4

THIS PROPOSED EXTENSION IS CONTIGUOUS TO LAZY J POOL IN T13S-R33E.

County LEA Pool LEAMEX-WOLFCAMP

TOWNSHIP 17 South, RANGE 33 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

PHILLIPS PETROLEUM COMPANY - Leamex No. 9, Unit 0, Section 16-T17S-R33E.

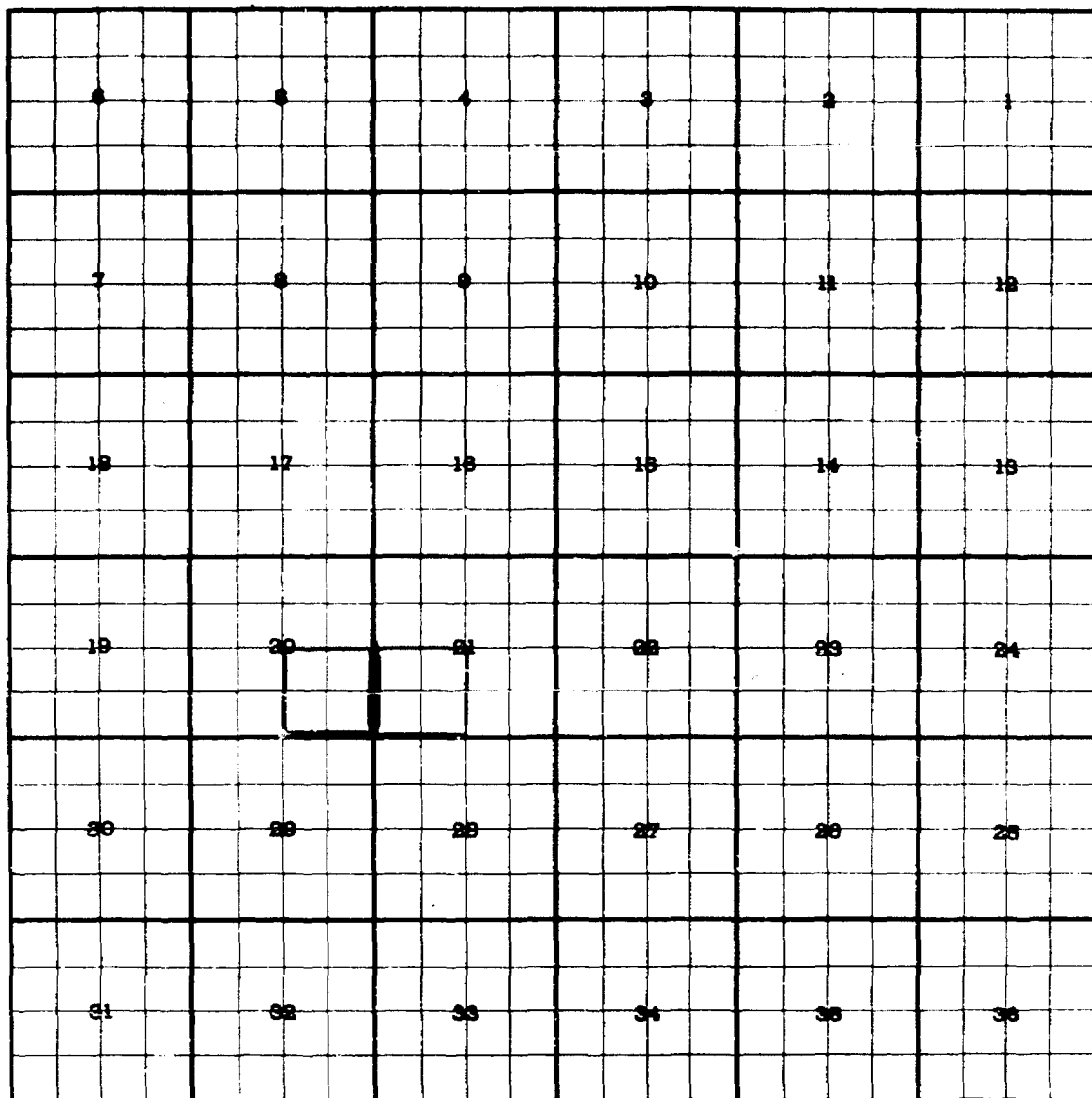
Completed in Wolfcamp February 17, 1961.

TOP OF PERFORATIONS 10,622'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 15: S/2 S/2

SECTION 16: S/2 SE/4

County EDDY Pool LOCO HILLS-ABOTOWNSHIP 17 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: One completed oil well capable of producing.

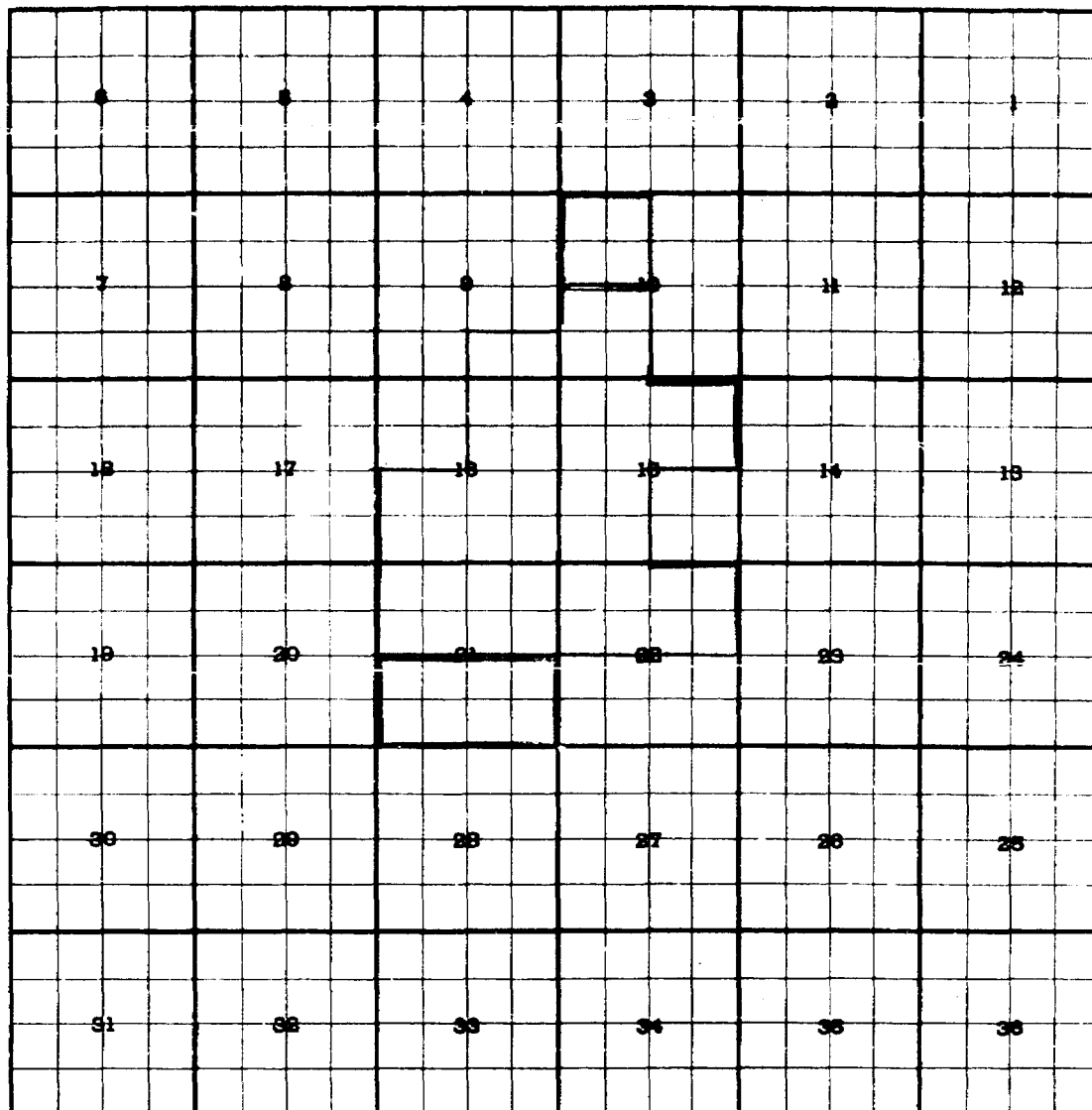
FRANKLIN, ASTON, & FAIR - McIntyre No. 4A, Unit I, Section 20-T17S-R30E.

Completed in Abo February 21, 1961.

TOP OF PERFORATIONS 6780'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 20: SE/4

County LEA Pool PADUCA-DELAWARETOWNSHIP 25 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

PURPOSE: Seven (7) completed oil wells capable of producing.

WELLS INVOLVED ARE LISTED ON NEXT PAGE.

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 10: S/2 NW/4 ) or NW/4

ADDITION-----SECTION 10: N/2 NW/4 }

SECTION 21: SW/4 ) or S/2

ADDITION-----SECTION 21: SE/4 )



WELLS INVOLVED IN PROPOSED EXTENSIONS TO PADUCA DELAWARE POOL

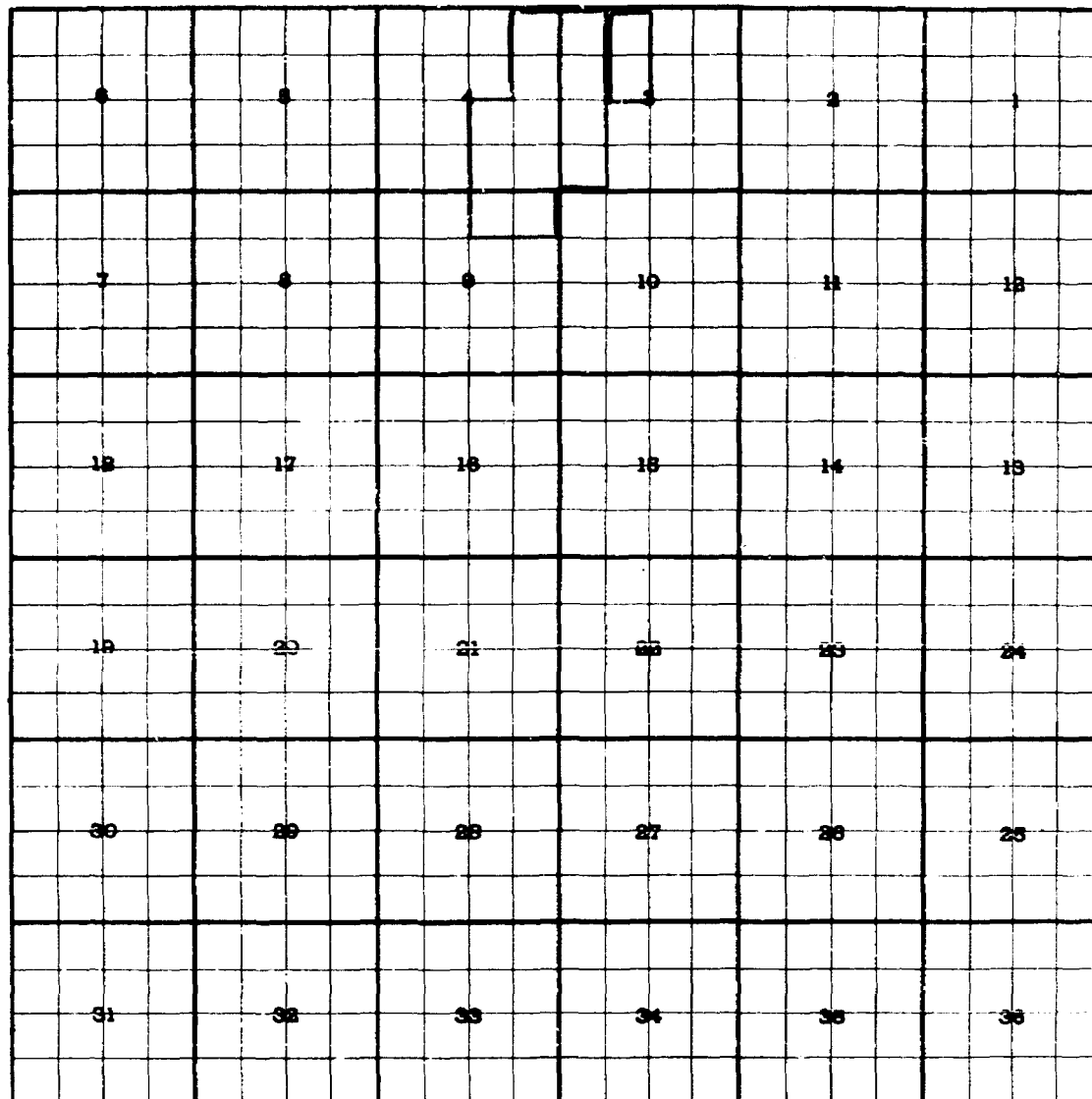
PANTHER CITY INVESTMENT COMPANY	Perry Federal No. 29, Unit K, Sec. 21-T25S-R32E. Completed in Delaware March 5, 1961. TOP OF PERFORATIONS 4592'.
PANTHER CITY INVESTMENT COMPANY	Perry Federal No. 35, Unit L, Sec. 21-T25S-R32E. Completed in Delaware March 14, 1961. TOP OF PERFORATIONS 4612'.
PANTHER CITY INVESTMENT COMPANY	Perry Federal No. 37, Unit M, Sec. 21-T25S-R32E. Completed in Delaware March 27, 1961. TOP OF PERFORATIONS 4610'.
PANTHER CITY INVESTMENT COMPANY	Perry Federal No. 38, Unit N, Sec. 21-T25S-R32E. Completed in Delaware March 14, 1961. TOP OF PERFORATIONS 4604'.
TEXACO INC.	E. F. Ray Federal B No. 2, Unit F, Sec. 10-T25S-R32E. Completed in Delaware February 12, 1961. TOP OF PERFORATIONS 4712'.

ADDITIONS

PANTHER CITY INVESTMENT COMPANY	Perry Federal No. 28, Unit J, Sec. 21-T25S-R32E. Completed in Delaware March 26, 1961. TOP OF PERFORATIONS 4630'.
TEXACO INC.	Cotton Draw Unit No. 40, Unit C, Sec. 10-T25S-R32E. Completed in Delaware March 26, 1961. TOP OF PERFORATIONS 4752'.

County LEA Pool PEARL-QUEEN

TOWNSHIP 20 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: One completed oil well capable of producing.

C. W. TRAINER - Lowe No. 2, Unit F, Section 3-T20S-R35E.

Completed in Penrose February 24, 1961.

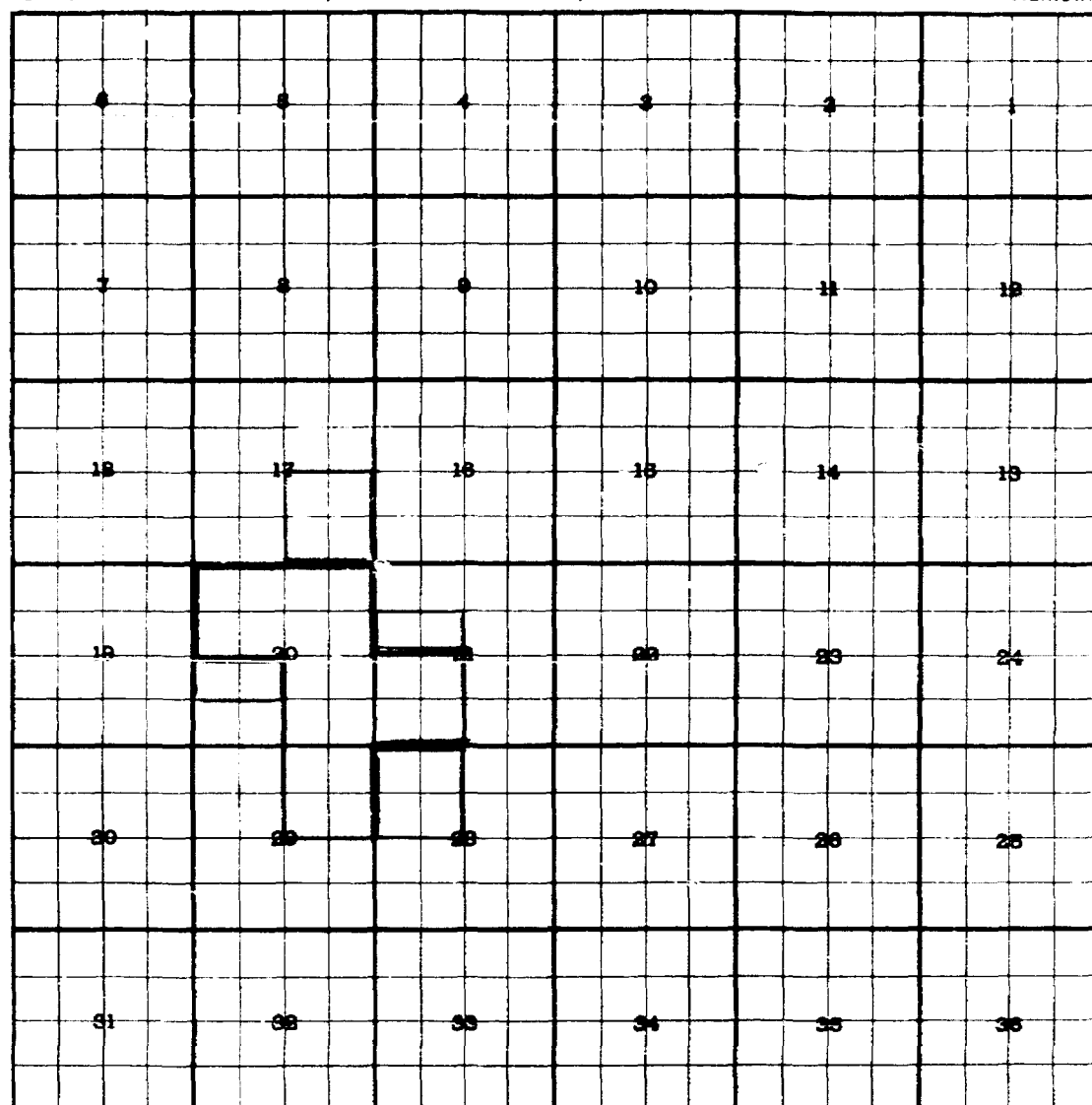
TOP OF PERFORATIONS 4959'.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 3: E/2 NW/4

County ~~WYOMING~~ ROOSEVELT Pool SOUTH PRAIRIE-PENNSYLVANIAN

TOWNSHIP 8 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: Four (4) completed oil wells capable of producing.

BILL RODEN - Federal Parry No. 1, Unit O, Section 17-T8S-R36E. Completed in Pennsylvanian February 17, 1961. TOP OF PERFORATIONS 9688'.LONE STAR PRODUCING CO. - Federal N. M. "B" No. 3. Unit C. Sec. 28-T8S-R36E. Completed in Bough "C" (Penn) February 24, 1961. TOP OF PERFORATIONS 9690'.ADDITION-COSDEN PETROLEUM CORP. - Federal E No. 1, Unit K, Section 20-T8S-R36E.

Completed in Bough "C" (Penn) February 16, 1961. TOP OF PERFORATIONS 9720'.

ADDITION-COSDEN PETROLEUM CORP. - Federal C No. 2, Unit E, Section 21-T8S-R36E.

Completed in Bough "C" (Penn) March 2, 1961. TOP OF PERFORATIONS 9647'.

Pool boundary colored in red.

Proposed extensions colored in green. SECTION 17: SE/4

SECTION 28: NW/4

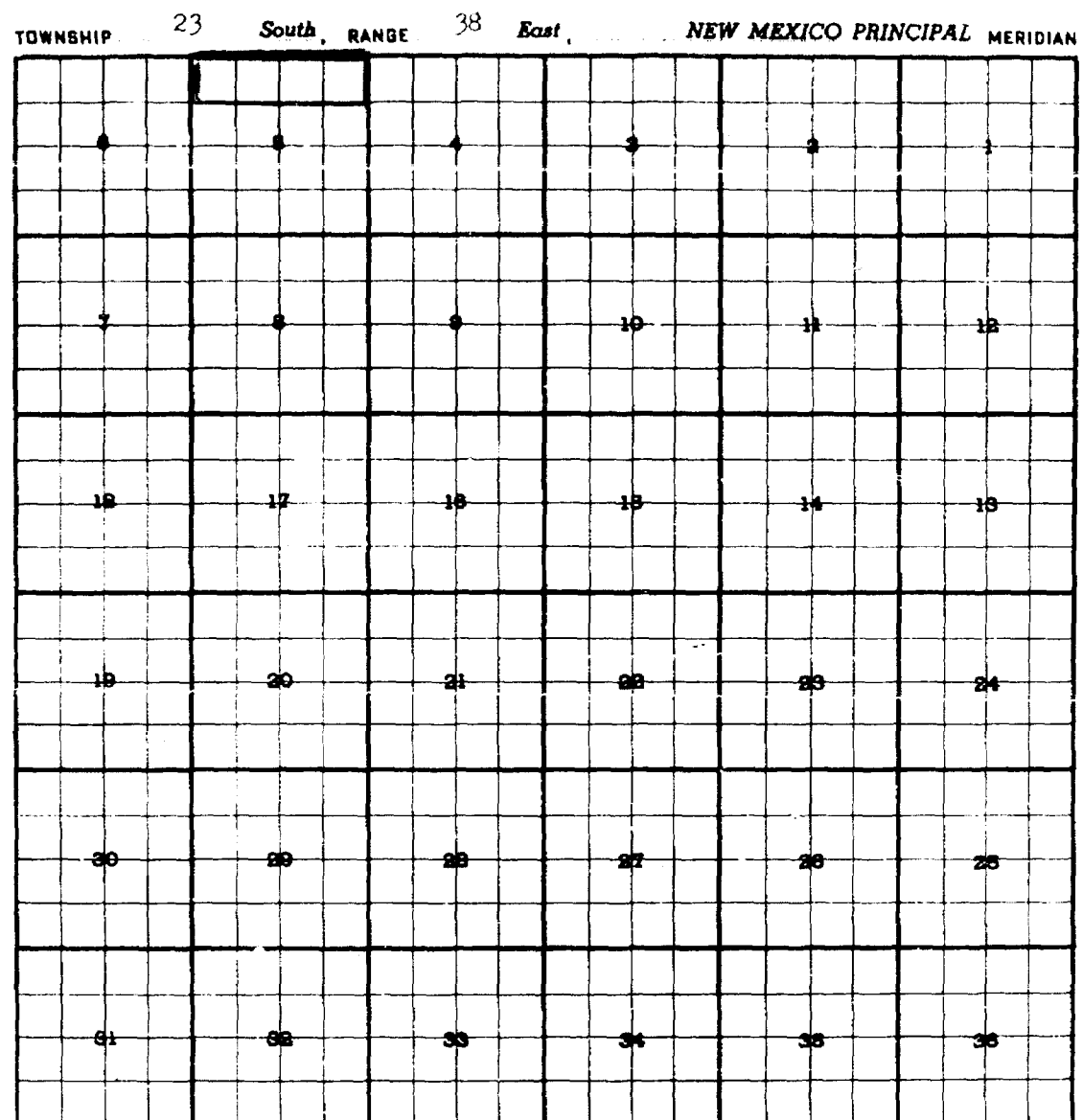
ADDITION-----SECTION 20: N/2 SW/4ADDITION-----SECTION 21: S/2 NW/4

County

LEA

Pool

TUBB GAS



PURPOSE: One completed gas well capable of producing.

ANDERSON-PRICHARD OIL CORPORATION - WESTERN FEDERAL NO. 1, Unit D,

Section 5-T23S-R38E. Completed

January 18, 1961.

TOP OF PERFORATIONS 6106'.

THIS PROPOSED EXTENSION IS CONTIGUOUS TO TUBB GAS POOL IN SEC. 32-T22S-R38E.

Pool boundary colored in red.

Proposed extension colored in green. SECTION 5: N/2 N/2

County LEA

Pool

VACUUM-ABO

TOWNSHIP 17 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

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

PURPOSE: Five (5) completed oil wells capable of producing.

PHILLIPS PETROLEUM COMPANY - Santa Fe No. 57, Unit N, Sec. 33-T17S-R35E.

Completed in Abo March 4, 1961. TOP OF PERFORATIONS 8830'.

SHELL OIL COMPANY - State "T" No. 5, Unit O, Section 33-T17S-R35E.

Completed in Abo February 28, 1961. TOP OF PERFORATIONS 8740'.

SHELL OIL COMPANY - State "T" No. 6, Unit F, Section 33-T17S-R35E.

Completed in Abo March 3, 1961. TOP OF PERFORATIONS 8746'.

THIS PROPOSED EXTENSION IS CONTIGUOUS TO VACUUM-ABO POOL IN SEC. 4-T18S-R35E.

Proposed extension colored in green. SECTION 33: S/2 S/2

ADDITIONAL EXTENSION ON NEXT PAGE.

County LEA Pool VACUUM-ABO

TOWNSHIP 18 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

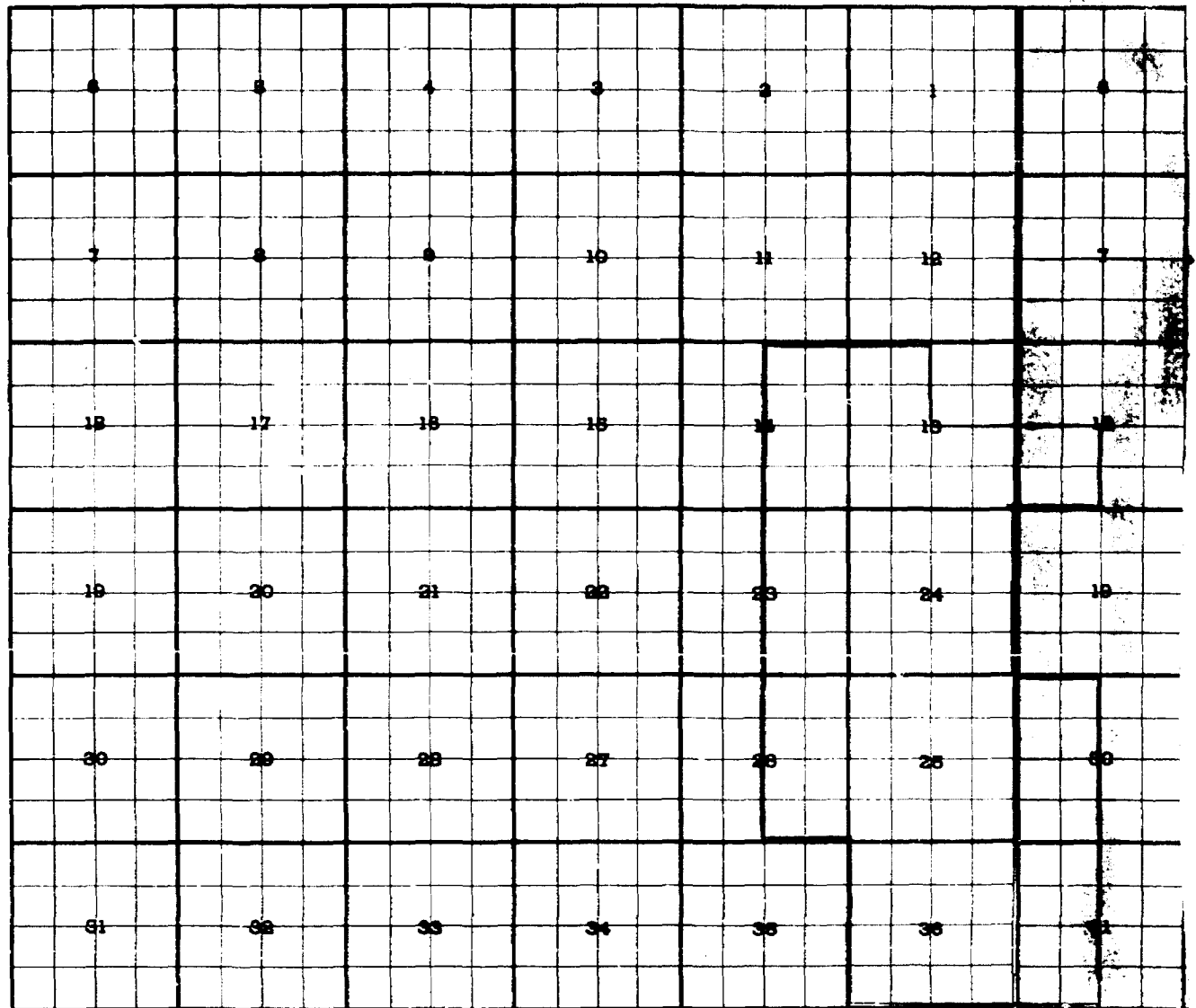
A 6x6 grid with numbers 1-36 and a 3x3 sub-grid with numbers 1-9.

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

Proposed ADDITIONAL extensions colored in green. SECTION 4: NE/4  
SECTION 5: NE/4

County LEA Pool JUSTIS-BLINEBRY

TOWNSHIP 25 South, RANGE 37&38 East, NEW MEXICO PRINCIPAL MERIDIAN



PURPOSE: TO DEFINE THE VERTICAL LIMITS.

Vertical limits to be from a point at -1901' (subsea) to a point at -2545 (subsea) as on the electric log of Amerada Petroleum Corporations' Wimberly Well No. 4, located in Unit M, Section 25-T25S-R37E, with any well for which a dual completion has heretofore been authorized within said limits being granted an allowable for each zone of the dual completion for a period not to exceed 18 months.

*Amended*  
*1/11*

NOMENCLATURE ADVERTISEMENT FOR APRIL 1961

CASE NO. \_\_\_\_\_

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

- a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool, ~~for Abo production~~, vertical limits to be the Abo formation, ~~the top of the Abo is picked as 7720 feet by the N.M.O.C.C. in Gulf Oil Corporation's Federal Mills Well No. 1, located in Unit 6 of Section 11, Township 9 South, Range 36 East.~~ This pool is to be designated as the Allison-Abo Pool and described as:

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 11: NW/4

- b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool, ~~for Pennsylvania production~~, vertical limits to be the Pennsylvanian formation, ~~(the top of the "Nomenclature" Pennsylvania is picked as 9546 feet by the N.M.O.C.C. in Great Western Drilling Company's Federal Well No. 1, located in Unit B of Section 8, Township 9 South, Range 37 East.~~ This pool is to be designated as the East Allison-Pennsylvanian Pool and described as:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 8: NE/4

- c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool, ~~for Abo production~~, vertical limits to be the Abo Reef formation, ~~the top of the Abo Reef is picked as 8985 feet by the N.M.O.C.C. in Sunray Mid-Continent Oil Company's N. M. State "X" Well No. 1, located in Unit B of Section 20, Township 17 South, Range 36 East.~~ This pool is to be designated as the South Lovington-Abo Pool and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 20: NE/4

- d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool, ~~for Abo production~~, vertical limits to be the Abo Reef formation, ~~the top of the Abo Reef is picked as 8880 feet by the N.M.O.C.C. in Amerada Petroleum Corporation's State V Well No. 1, located in Unit L of Section 36, Township 17 South, Range 35 East.~~ This pool is to be designated as the East Vacuum-Abo Pool and described as:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 36: SW/4

*and for an order defining the vertical limits of the Allison-Abo Pool, Lea County, New Mexico.*



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

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 20: SE/4

- f) EXTEND the Atoka-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 14: SE/4

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

✓ TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SW/4

- h) EXTEND the Brushy Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM  
SECTION 12: S/2 S/2

- i) EXTEND the East E. K-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: E/2 SE/4

- j) EXTEND the Southwest Gladiola-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: NE/4

- k) EXTEND the Lazy J-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: NW/4

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

✓ TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: S/2 S/2  
SECTION 16: S/2 SE/4

- m) EXTEND the Loco Hillis-Abo Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 20: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

✓ SECTION 10: S/2 NW/4

SECTION 21: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM

✓ SECTION 3: E/2 NW/4

- p) EXTEND the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

✓ SECTION 17: SE/4

SECTION 28: NW/4

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

TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM

✓ SECTION 5: N/2 N/2

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

✓ SECTION 33: S/2 S/2

- s) Definition of vertical limits of Justis-Blinebry Pool, Lea County, New Mexico, <sup>(Subsea)</sup> ~~with~~ to be from a point at -1901 <sup>Subsea on the electric log of the</sup> to a point at -2545 ~~the~~ <sup>the</sup> Amerasia Petroleum Corporation's Wimberly Well No. 4, located in Unit M, Section 24, Township 25 South, Range 37 West, with ~~a~~ <sup>any</sup> well for which a dual completion has heretofore been authorized within said limits being granted an allowable for each zone of the dual completion for a period <sup>of</sup> to exceed 18 months.

CLASS OF SERVICE  
This is a fast message  
unless its deferred char-  
acter is indicated by the  
proper symbol.

# WESTERN UNION TELEGRAM

W. P. MARSHALL, PRESIDENT

1201 (4-60)

SYMBOLS  
DL=Day Letter  
NL=Night Letter  
LT=International  
Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination

LA16 KB048

1961 APR 13 AM 9 13

K OCC025 PD=OKLAHOMA CITY OKLA 13 949A CST=  
NEW MEXICO OIL CONSERVATION COMMISSION ATTN A L PORTER JR=  
1300 EAST SCHARBAUER HOBBS NMEX=  
RE: CASE 2244 VERTICAL LIMITS OF JUSTIS-BLINEBRY POOL  
UNION TEXAS NATURAL GAS CORPORATION, SUCCESSOR IN  
INTEREST OF ANDERSON-PRICHARD OIL CORPORATION, TAKES  
POSITION CONTRARY TO THAT OF AMERADA PETROLEUM  
CORPORATION WITH RESPECT TO VERTICAL LIMITS OF BLINEBRY  
ZONE BUT JOINS AMERADA IN REQUESTING A CONTINUANCE OF  
THIS HEARING=  
UNION TEXAS NATURAL GAS CORP.  
BY CHARLES F WHITE, ATTORNEY.

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

BEFORE THE OIL CONSERVATION COMMISSION

OF

THE STATE OF NEW MEXICO

SOUTHEASTERN NEW MEXICO NOMENCLATURE  
CASE CALLING FOR AN ORDER CREATING  
NEW POOLS AND EXTENDING EXISTING POOLS  
IN CHAVES, EDDY, LEA AND ROOSEVELT  
COUNTIES, NEW MEXICO, AND FOR AN ORDER  
DEFINING THE VERTICAL LIMITS OF A CER-  
TAIN POOL.

Case No. 2244

ENTRY OF APPEARANCE

Come now Kellahin & Fox, P. O. Box 1713, Santa Fe, New  
Mexico, and enter their appearance in the above captioned case  
on behalf of Amerada Petroleum Corporation in association with  
Mr. H. D. Bushnell, a member of the Oklahoma Bar.

By Jason W. Kellahin  
Jason W. Kellahin

DOCKET: REGULAR HEARING - THURSDAY, APRIL 13, 1961

OIL CONSERVATION COMMISSION - 9 A.M. - HIGH SCHOOL CAFETERIA 1300 EAST  
SCHARBAUER, HOBBS, NEW MEXICO

- ALLOWABLE:
- (1) Consideration of the oil allowable for May, 1961.
  - (2) Consideration of the allowable production of gas for May, 1961, from nine prorated pools in Lea County, 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 May, 1961.

CASE 2241: Application of Potash Company of America for an extension of the potash-oil area. Applicant, in the above-styled cause, seeks an extension of the potash-oil area as set forth in Order R-111-A, and amendments thereto, to include the following-described acreage: Township 20 South, Range 29 East, NMPM, Eddy County, New Mexico

Section 13: SW/4 NW/4 and NW/4 SW/4

Section 14: SE/4 NE/4 and NE/4 SE/4

CASE 2242: Application of the Oil Conservation Commission on its own motion to consider certain changes in the definition section of its Rules and certain changes in the definitions in Rule 107, and to consider amending Rule 112 to provide, among other things, for administrative approval for multiple slim-hole completions.

CASE 2243: Application of Gulf Oil Corporation for an amendment of Rule 309 (a). Applicant, in the above-styled cause, seeks an amendment of Rule 309 (a) to permit the installation of lease automatic custody transfer equipment without the necessity of notice and hearing.

CASE 2244: Southeastern New Mexico nomenclature case calling for an order creating new pools and extending existing pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico, and for an order defining the vertical limits of a certain Pool:

- (a) Create a new oil pool, the vertical limits to be the Abo formation. This pool is to be designated as the Allison-Abo Pool and described as:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: NW/4

- (b) Create a new oil pool, the vertical limits to be the Pennsylvanian formation. This pool is to be designated as the East Allison Pennsylvanian Pool and described as:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 8: NE/4

- (c) Create a new oil pool, the vertical limits to be the Abo Reef formation. This pool is to be designated as the South Lovington-Abo Pool and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION: 20: NE/4

- (d) Create a new oil pool, the vertical limits to be the Abo Reef formation. This pool is to be designated as the East Vacuum-Abo Pool and described as:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 36: SW/4

- (e) Extend the Arrowhead Pool, to include:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 20: SW/4

- (f) Extend the Atoka-Grayburg Pool, to include:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 14: SE/4

- (g) Extend the Bluit-Pennsylvanian Pool, to include:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM  
SECTION 29: SW/4

- (h) Extend the Brushy Draw-Delaware Pool, to include:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM  
SECTION 12: S/2 S/2

- (i) Extend the East E. K-Queen Pool, to include:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: E/2 SE/4

- (j) Extend the Southwest Gladiola-Pennsylvanian Pool, to include:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: NE/4

- (k) Extend the Lazy J-Pennsylvanian Pool, to include:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: NW/4

- (l) Extend the Leamex-Wolfcamp Pool, to include:

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: S/2 S/2  
SECTION 16: S/2 SE/4

- (m) Extend the Loco Hills-Abo Pool, to include:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 20: SE/4

- (n) Extend the Paduca-Delaware Pool, to include:

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: S/2 NW/4  
SECTION 21: SW/4

- (o) Extend the Pearl-Queen Pool, to include:

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: E/2 NW/4

- (p) Extend the South Prairie-Pennsylvanian Pool, to include:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
SECTION 17: SE/4  
SECTION 28: NW/4

- (q) Extend the Tubb Gas Pool, to include:

TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM  
SECTION 5: N/2 N/2

- (r) Extend the Vacuum-Abo Pool, to include:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 33: S/2 S/2

- (s) Definition of vertical limits of Justis-Blinebry Pool, Lea County, New Mexico, to be from a point at -1901 (subsea) to a point at -2545 (subsea) on the electric log of the Amerada Petroleum Corporation's Wimberly Well No. 4, located in Unit M, Section 24, Township 25 South, Range 37 East, with any well for which a dual completion has heretofore been authorized within said limits being granted an allowable for each zone of the dual completion for a period not to exceed 18 months.

CASE 2245:

Northwestern New Mexico nomenclature case calling for an order for the creation of a new pool and for extending existing pools in San Juan and Rio Arriba Counties, New Mexico.

- (a) Extend the Gavilan Pictured Cliffs Pool, to include:

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM,  
SECTION 32: SW/4

- (b) Extend the Angels Peak-Gallup Oil Pool, to include:

TOWNSHIP 27 NORTH, RANGE 10 WEST, NMPM,  
SECTION 19: W/2

- (c) Extend the Cha Cha-Gallup Oil Pool, to include:

TOWNSHIP 28 NORTH, RANGE 13 WEST, NMPM,  
SECTION 22: NE/4

- (d) Extend the Totah-Gallup Oil Pool, to include:

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM,  
SECTION 29: NW/4 and SE/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. 2244  
Order No. R-1942

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CERTAIN  
POOLS IN EDDY, LEA, AND ROOSEVELT  
COUNTIES, NEW MEXICO, AND DEFINING  
THE VERTICAL LIMITS OF AN OIL POOL  
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 April 13, 1961, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of April, 1961, 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 the 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 Allison-Abo Pool. Said Allison-Abo Pool was discovered by Gulf Oil Corporation, Federal Mills Well No. 1, located in the NW/4 of Section 11, Township 9 South, Range 36 East, NMPM. It was completed February 1, 1961. The top of perforations is at 8970 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation East Allison-Pennsylvanian Pool. Said East Allison-Pennsylvanian Pool was discovered by Great Western Drilling Company, Federal "MM" Well No. 1, located in the NE/4 of Section 8, Township 9 South,

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CASE No. 2244  
Order No. R-1942

Range 37 East, NMPM. It was completed February 8, 1961. The top of perforations is at 9671 feet.

(4) That the proposed creation of a new pool in Section 20, Township 17 South, Range 36 East, Lea County, New Mexico, for the production of oil from the Abo formation be dismissed pending further study.

(5) 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 East Vacuum-Abo Pool. Said East Vacuum-Abo Pool was discovered by Amerada Petroleum Corporation, State "VC" Well No. 1, located in the SW/4 of Section 36, Township 17 South, Range 35 East, NMPM. It was completed January 29, 1961. The top of perforations is at 8890 feet.

(6) That there is need for certain extensions to the Atoka-Grayburg Pool, the Brushy Draw-Delaware Pool, and the Loco Hills-Abo Pool, all in Eddy County, New Mexico, to the Arrowhead Pool, the East E K-Queen Pool, the Southwest Gladiola-Pennsylvanian Pool, the Lazy J-Pennsylvanian Pool, the Leamer-Wolfcamp Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the Tubb Gas Pool, and the Vacuum-Abo Pool, all in Lea County, New Mexico, and to the Bluit-Pennsylvanian Pool and the South Prairie-Pennsylvanian Pool, both in Roosevelt County, New Mexico.

(7) That the proposed definition of the vertical limits of the Justis-Blinbry Pool, Lea County, New Mexico, as advertized, should be dismissed.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
Section 11: NW/4

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
Section 8: NE/4

(c) That the proposed creation of a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, and

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CASE No. 2244  
Order No. R-1942

designated as the South Lovington-Abo Pool, consisting of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
Section 20: NE/4

be and the same is hereby dismissed.

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, be and the same is hereby created and designated as the East Vacuum-Abo Pool, consisting of the following-described area:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
Section 36: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 20: SW/4

(f) That the Atoka-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 14: SE/4

(g) That the Bluitt-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM  
Section 27: N/2 SW/4  
Section 28: N/2 S/2  
Section 29: SW/4  
Section 32: N/2 NW/4

(h) That the Brushy Draw-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM  
Section 12: S/2 S/2

(i) That the East E K-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same

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CASE No. 2244

Order No. R-1942

is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
Section 22: E/2 SE/4

(j) That the Southwest Gladiola-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM  
Section 34: NE/4

(k) That the Lazy J-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
Section 2: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
Section 15: S/2 S/2  
Section 16: S/2 SE/4

(m) That the Loco Hills-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 20: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
Section 10: NW/4  
Section 21: S/2

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

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
Section 3: E/2 NW/4

(p) That the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and

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CASE No. 2244  
Order No. R-1942

described, be and the same is extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM

Section 17: SE/4  
Section 20: N/2 SW/4  
Section 21: S/2 NW/4  
Section 28: NW/4

(q) That the Tubb Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM

Section 5: N/2 N/2

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 33: S/2 S/2

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM

Section 4: NE/4  
Section 5: NE/4

(s) That the proposed definition of the vertical limits of the Justis-Blinebry Pool, as advertized, is hereby dismissed.

IT IS FURTHER ORDERED:

That the effective date of this order and of all creations and extensions included herein shall be May 1, 1961.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



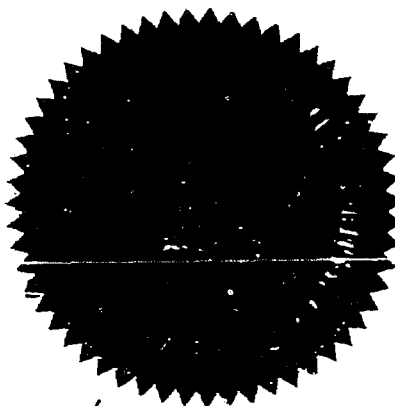
EDWIN L. MECHEM, Chairman



E. S. WALKER, Member



A. L. PORTER, JR., Member & Secretary



ear/

REPORT OF THE  
OIL CONSERVATION COMMISSION  
HOBBS, NEW MEXICO  
APRIL 13, 1961

IN THE MATTER OF

CASE 2244 Southeastern New Mexico nomenclature case  
calling for an order creating new pools  
and extending existing pools in Chaves,  
Eddy, Lea and Roosevelt Counties, New  
Mexico, and for an order defining the  
vertical limits of a certain Pool:

BEFORE:

A. L. Porter

T R A N S C R I P T O F P R O C E E D I N G S

MR. PORTER: The next case to be considered will be  
2244, and due to the fact that there is some difference of opinion  
in concerning paragraph S of that particular case, we will call  
that paragraph first; and I'd like to call for appearances con-  
cerning paragraph S of Case 2244.

MR. BUSHNELL: H. D. Bushnell appearing on behalf of  
Amerada in association with Mr. Kohlhaan.

MR. ROSE: U. M. Rose, Hobbs, New Mexico.

MR. WATSON: Dewey Watson, Denver, Colorado, General  
Petroleum Corporation.

MR. PAYNE: Oliver Payne and Dick Morris for the staff.

MR. PORTER: I will recognize you at this time, Mr.

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Bushnell.

MR. BUSHNELL: Amerada is opposed to this hearing today because of the nature of the publication of notice. If you will look to the notice, you will see that it reads: "Definition of vertical limits of Justis-Blinebry Pool, Lea, New Mexico, to be from a point at - -" and there is designated a footage, and then picks up " - - to a point - -" and then it says to a designated subsea footage.

Although we understand that the attorney for the Commission is not objecting to any testimony that Amerada might want to put on in opposition or at variance with these points, it is my opinion that the Commission would not have authority to issue a valid order defining this pool at some point different than set out in the notice. For that reason I would like to move that this case be dismissed with the understanding that a new notice be published for next month if possible and that such notice read in substance, "For the purpose of defining vertical limits of Justis-Blinebry Pool at points to be picked in the well as otherwise designated in this notice."

MR. PORTER: As I understand your motion, Mr. Bushnell, it is that the Commission dismiss the paragraph 5 of Case 2244 at this time to be re-noticed for a regular meeting.

MR. BUSHNELL: Yes, sir.

MR. PORTER: Are there any comments concerning Mr. Bushnell's motion?

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MR. ROSE: If it please the Commission, I do not propose to tell the Commission how to determine the meaning of its publication, but I do not interpret it to have the same effect that Mr. Bushnell does. It appears to me that this proposal to pick the top and bottom is merely courtesy in advising operators of what the Commission staff proposal is. It's merely an accommodation. I would object to a continuance at this time on behalf of Westates Petroleum Corporation. It has an engineer from Denver here at this time and he will testify that Westates is delayed in the commencement of the drilling of a well until what the disposition by the Commission of this matter is going to be. I know one other operator who is delayed in the drilling of a well until it knows what the disposition is and the other operator is paying compensatory royalties at this time. Assuming the legality, it appears to me that this is a matter in the public interest that needs to be disposed of.

MR. PAYNE: The staff has no strong feeling on this one way or another. It would be our thinking, however, that if the Commission does decide to dismiss this case and readvertise it for its May regular hearing that the provision relative to allowables as proposed by the staff be changed from 18 months to 17 months.

MR. PORTER: Does anyone else have anything to offer on the motion?

MR. ALLAN: Ray Allan, Atlantic Electronics, Roswell. Atlantic Electronics would recommend to the Commission that the





case be heard as scheduled today.

MR. PORTER: Anyone else to comment on the motion?

MR. RUSSELL: My comment previously made isn't a matter of interpretation; it was something I read out of the order. If Amerada did not oppose the setting of this Blinbry Pool at the point shown in the order then we would have no reason to object because our interests would not be adversely affected if the Commission did issue an order setting the limit at some other place, but if the Commission likes the Amerada evidence, which we are all prepared to put on today, and then issued an order supporting our - - what we believe to be the evidence, we still are doubtful that Amerada has a valid order; therefore, I feel that because of that fact that any argument of behalf of operators who might agree with this marking is not in the same position as we are.

MR. PAYNE: We have received a communication from the Union Texas Natural Gas Corporation who joins Amerada in requesting that this case be continued or dismissed.

MR. PORTER: Inasmuch as there is some doubt concerning whether or not the notice was broad enough, the Commission has decided to dismiss paragraph S of Case 2244 and readvertise it as a separate case for the regular May docket.

At this time we will call the witnesses to proceed with the balance of 2244 with the exception of paragraph S.

ERIC ENGEBRECHT

called as a witness, having been first duly sworn, testified as

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follows:

DIRECT EXAMINATION

BY MR. MORRIS:

Q Will the witness state his name and occupation.

A Erich Engebrecht, District Engineer, New Mexico Oil Conservation Commission.

Q Mr. Engebrecht, in your official capacity with the Commission have you made a study of the necessity of creating new pools and extending existing pools in Chavez, Eddy, Lea and Roosevelt Counties, New Mexico?

A I have.

Q In that regard, have you prepared an exhibit?

A I have. Exhibit 1 which is designated as the Allison-Abo and so forth.

Q What is your recommendation concerning the creation of a new oil pool for Abo?

A It is recommended that a pool be created designated as the Allison-Abo pool, the vertical limits to be the Abo formation. As shown on paragraph A Exhibit 1. The discovery well was Gulf Oil Corporations. Federal Mills No. 1, located in unit C of section 11, township 9 south, range 36 east and was completed on February 1, 1961. The top of perforations 2970.

Q What is your recommendation concerning the creation of a new oil pool in the Pennsylvanian?

A It is recommended that a new pool be created

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designated as the east Allison Pennsylvanian with the vertical limits to be the Pennsylvanian formation and the horizon should be as shown on paragraph B, Exhibit 1. The discovery well was Great Western Drilling Company; Federal Mills Well No. 1, located in unit B, section 8, township 9 south, range 37 east and was completed on February 8, 1961; top of perforations 9671 feet.

Q What is your recommendation concerning the creation of a new oil pool in the Abo Reef formation?

A It is recommended that the proposed creation of the south Lovington pool located in the north quarter of section 20, township 17 south, range 36 east, should be dismissed pending further study.

Q What is your recommendation concerning creation of a new oil pool at or near the Abo Reef formation?

A It is recommended that a new oil pool be created designated as the east vacuum-Abo pool, the vertical limits to be the Abo Reef formation and as shown in paragraph D of Exhibit 1. The discovery well was Amerada Petroleum Corporation State V C No. 1 in unit L, section 36, township 17 south, range 35 east. It was completed in Abo on January 29, 1961. Top of perforations at 8890 feet.

Q What is your recommendation concerning the extension of the Arrowhead pool?

A It is recommended that this pool boundary shown in paragraph E, Exhibit 1 be extended on the basis of 1 well completed



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therein.

Q What is your recommendation concerning the extension of the Atoka-Grayburg pool?

A It is recommended it be extended as shown in paragraph E, Exhibit 1 on the basis of one well completed therein.

Q What is your- - wait a minute here, I think we are off a little bit here. I know we are off on Bluit-Pennsylvanian, subparagraph D.

Sir, what is your recommendation concerning the extension of the Bluit-Pennsylvanian pool?

A It is recommended that this pool boundary be extended as shown in paragraph D, Exhibit 1 on the basis of four wells completed therein.

Q What is your recommendation concerning extension of the Brushy Draw-Delaware pool?

A Extended as shown on paragraph H, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the east E K-Queen pool?

A It is recommended that this pool boundary be extended as shown on paragraph I, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the southwest Gladiola-Pennsylvanian pool?

A It is recommended that it be extended as shown on



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paragraph J of Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Lazy J-Pennsylvanian pool?

A It is recommended that it be extended as shown on paragraph K, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Leamex-Wolfcamp pool.

A It is recommended that this pool boundary be extended as shown on paragraph L, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the extension of the Loco Hills Abo pool?

A It is recommended that it be extended as shown on paragraph M, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning extension of the Paduca-Deleware pool?

A It is recommended that it be extended as shown on paragraph N, Exhibit 1 on the basis of seven wells completed therein.

Q What is your recommendation concerning the extension of the Pearl-Queen pool?

A It is recommended that this be extended as shown on paragraph O, Exhibit 1 on the basis of one well completed therein.

Q What is your recommendation concerning the ex-



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extension of the south Prairie-Pennsylvania pool?

A It is recommended that it be extended as shown on paragraph P, Exhibit 1 on the basis of four wells completed therein.

Q What is your recommendation concerning the extension of the Tubb Gas pool?

A It is recommended that it be extended as shown on paragraph Q, Exhibit 1 on the basis of one well complete therein.

Q What is your recommendation concerning the extension of the Vacuum-Abo pool?

A That it be extended as shown on paragraph R, Exhibit 1, on the basis of five wells completed therein.

Q Do you have any further recommendations to present to the Commission at this time?

A No, sir, other than paragraph S should be dismissed.

Q Did you prepare Exhibit No. 1 in Case 2244?

A Yes, sir.

MR. MORRIS: At this time, Mr. Commissioner, I would like to offer Exhibit 1 in this case.

MR. PORTER: Without objection, the exhibit will be admitted.

MR. PAYNE: I move that paragraph S be dismissed.

Didn't you recommend that it be dismissed?

THE WITNESS: Yes, sir.

MR. PAYNE: I am so moving at this time.

MR. PORTER: The motion is granted and we will take the



case under advisement.

*DEARNLEY-MEIER REPORTING SERVICE, Inc.*

ALBUQUERQUE, NEW MEXICO

PHONE CM 3-6691



STATE OF NEW MEXICO )  
 )  
 COUNTY OF BERNALILLO)

SS

I, Thomas F. Horne, Court Reporter, in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Proceedings before the New Mexico Oil Conservation Commission was reported by me in machine shorthand and reduced to typewritten transcript under my personal supervision, and that the same is a true and correct record to the best of my knowledge, skill and ability.

WITNESS my Hand and Seal this, the 4th day of May 1961, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

*Thomas F. Horne*  
 Court Reporter

My Commission Expires:

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PHONE CH 3-6691

ALBUQUERQUE, 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. 2244  
Order No. R- 4442

THE APPLICATION OF THE OIL  
CONSERVATION COMMISSION UPON  
ITS OWN MOTION FOR AN ORDER  
CREATING AND EXTENDING CERTAIN  
POOLS IN EDDY, LEA, AND ROOSEVELT  
COUNTIES, NEW MEXICO, AND DEFINING  
THE VERTICAL LIMITS OF AN OIL POOL  
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 April 13, 1961, at Hobbs, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this \_\_\_\_\_ day of April, 1961, 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 the 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 Allison-Abo Pool. Said Allison-Abo Pool was discovered by Gulf Oil Corporation, Federal Mills Well No. 1, located in the NW/4 of Section 11, Township 9 South, Range 36 East, NMPM. It was completed February 1, 1961. The top of perforations is at 8970 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation East Allison-Pennsylvanian Pool. Said East Allison-Pennsylvanian Pool was discovered by Great Western Drilling Company, Federal "WEP" Well No. 1, located in the NE/4 of Section 8, Township 9 South, Range 37 East, NMPM. It was completed February 8, 1961. The top of perforations is at 9671 feet.

(4) That the proposed creation of a new pool in Section 20, Township 17 South, Range 36 East, Lea County, New Mexico, for the production of oil from the Abo formation be dismissed pending further study.

(5) 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 East Vacuum-Abo Pool. Said East Vacuum-Abo Pool was discovered by Amerada Petroleum Corporation, State "VC" Well No. 1, located in the SW/4 of Section 36, Township 17 South, Range 35 East, NMPM. It was completed January 29, 1961. The top of perforations is at 8890 feet.

(6) That there is need for certain extensions to the Atoka-Grayburg Pool, the Brushy Draw-Delaware Pool, and the Loco Hills-Abo Pool, all in Eddy County, New Mexico, to the Arrowhead Pool, the East E K-Queen Pool, the Southwest Gladiola-Pennsylvanian Pool, the Lazy J-Pennsylvanian Pool, the Leamex-Wolfcamp Pool, the Paduca-Delaware Pool, the Pearl-Queen Pool, the Tubb Gas Pool, and the Vacuum-Abo Pool, all in Lea County, New Mexico, and to the Bluit-Pennsylvanian Pool and the South Prairie-Pennsylvanian Pool, both in Roosevelt County, New Mexico.

(7) That there is need for definition of the vertical limits of the Justis-Blinbry Pool, Lea County, New Mexico, from a point at minus 1901 feet (subsea) to a point minus 2545 feet (subsea) as picked by the Commission in Amerada Petroleum Corporation's Wimberly Well No. 4, located in Unit M, Section 24, Township 25 South, Range 37 East. However, any well for which a dual completion has heretofore been authorized within said limits and being granted an allowable for each zone of the dual completion shall continue as such for a period not to exceed eighteen months.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM  
SECTION 11: NW/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 8: NE/4

(c) That the proposed creation of a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, and designated as the South Lovington-Abo Pool, consisting of the following described area:

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM  
SECTION 20: NE/4

be and the same is hereby dismissed.

(d) That a new pool in Lea County, New Mexico, classified as an oil pool for Abo production, be and the same is hereby created and designated as the East Vacuum-Abo Pool, consisting of the following described area:

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

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

✓ TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 20: SW/4

(f) That the Atoka-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 14: SE/4

(g) That the Bluitt-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM  
SECTION 27: N/2 SW/4  
SECTION 28: N/2 S/2  
SECTION 29: SW/4  
SECTION 32: N/2 NW/4

(h) That the Brushy Draw-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 29 EAST, NMPM  
SECTION 12: S/2 S/2

(i) That the East E. K-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
SECTION 22: E/2 SE/4

(j) That the Southwest Gladiola-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 37 EAST, NMPM  
SECTION 34: NE/4

(k) That the Lazy J-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: NW/4

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

TOWNSHIP 17 SOUTH, RANGE 33 EAST, NMPM  
SECTION 15: S/2 S/2  
SECTION 16: S/2 SE/4

(m) That the Loco Hills-Abo Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, be and the same is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 20: SE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: NW/4  
SECTION 21: S/2

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

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
SECTION 3: E/2 NW/4

(p) That the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, be and the same is extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
SECTION 17: SE/4  
SECTION 20: N/2 SW/4  
SECTION 21: S/2 NW/4  
SECTION 28: NW/4

(q) That the Tubb Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, be and the same is extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 38 EAST, NMPM  
SECTION 5: N/2 N/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM  
SECTION 33: S/2 S/2

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM  
SECTION 4: NE/4  
SECTION 5: NE/4

SM 741  
(s) That the vertical limits of the Justis-Blinberry Pool in Lea County, New Mexico, be defined from a point at minus 1901 feet ~~to~~ a point at minus 2545 feet subsea datum.

IT IS FURTHER ORDERED:

and  
That the effective date of this order and all creations, extensions, ~~and the definition of vertical limits~~ included herein, shall be May 1, 1961.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

E. S. JOHNNY WALKER, Member

A. L. PORTER, JR., Member & Secretary

S E A L

# Memo

From

To

(5) That the proposed definition of the vertical limits of the Justice-Blinebry Pool, as advertised, is hereby dismissed

# Memo

From

To

(7) That the proposed definition of the vertical <sup>limits</sup> of the Justice-Blinebry Pool, Sea County, New Mexico, as advertised, should be dismissed.