

## OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

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

C (A) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the East Anderson-Ranch-Pennsylvanian Pool, and described as:

Twp. 16 South, Range 33 East  
Lots 7, 8, 9, 10 of Sec. 3

and such other etc.

O (B) Create a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production, designated as the Arrowhead-Drinkard Pool, and described as:

Twp. 21 South, Range 36 East  
SW/4 of Section 36

P and such other etc.

Y (C) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Red Lake-Pennsylvanian Gas Pool, and described as:

Twp. 18 South, Range 27 East  
All of Section 5

and such other etc.

(D) Extend the Caprock-Queen pool boundary in Lea and Chaves Counties to include therein:

Twp. 12 South, Range 32 East  
SW/4 of Section 21

Twp. 14 South, Range 31 East  
NW/4 of Section 17

and such other etc.

(E) Extend the Corbin pool boundary in Lea County, New Mexico, to include therein:

Twp. 18 South, Range 33 East  
W/2 of NW/4 of Sec. 5

and such other etc.

April Nomenclature Case No. \_\_\_\_\_

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(F) Extend the Crosby-Devonian pool boundary in Lea County, New Mexico, to include therein:

Twp. 25 South, Range 37 East  
NE/4 of Section 32

and such other etc.

(G) Extend the Empire-Wolfcamp pool boundary in Eddy County, New Mexico, to include therein:

Twp. 17 South, Range 28 East  
SW/4 and N/2 NW/4 of Section 29

and such other etc.

(H) Extend the Eumont pool boundary in Lea County, New Mexico, to include therein:

Twp. 19 South, Range 37 East  
SW/4 of Sec. 15  
E/2 SW/4 of Sec. 22  
NE/4 of Sec. 27

and such other etc.

(I) Extend the North Gladiola-Devonian pool boundary in Lea County, New Mexico, to include therein:

Twp. 12 South, Range 38 East  
SE/4 of Section 6  
NE/4 of Section 7

and such other etc.

(J) Extend the West Henshaw-Grayburg pool boundary in Eddy County, New Mexico, to include therein:

Twp. 16 South, Range 30 East  
N/2 of NW/4 of Sec. 17  
SE/4 of Sec. 8  
W/2 of Sec. 9  
SW/4 of Sec. 4

and such other etc.

(K) Extend the Jalmat pool boundary in Lea County, New Mexico, to include therein:

Twp. 22 South, Range 35 East  
SE/4 of Section 23

and such other etc.

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(L) Extend the Langlie-Mattix pool boundary in Lea County, New Mexico, to include therein:

Twp. 26 South, Range 38 East  
NW/4 of Section 6

and such other etc.

(M) Extend the Lea pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Range 34 East  
SE/4 of Section 15

and such other etc.

(N) Extend the North Shoe Bar-Devonian pool boundary in Lea County, New Mexico, to include therein:

Twp. 16 South, Range 35 East  
S/2 of the NE/4 of Section 15

and such other etc.

(O) Abolish the Shugart-Grayburg pool, in Eddy County, New Mexico.

(P) Redefine the vertical limits of the Shugart pool, in Eddy County, New Mexico, to include the Yates, Seven Rivers, Queen and Grayburg and extend the boundary to include therein:

Twp. 18 South, Range 31 East  
SW/4 of Section 35

and such other etc.

(Q) Extend the Square Lake pool boundary in Eddy County, New Mexico, to include therein:

Twp. 16 South, Range 29 East  
W/2 NE/4 of Section 36

and such other etc.

(R) Extend the Warren-McKee pool boundary in Lea County, New Mexico, to include therein:

Twp. 20 South, Range 38 East  
S/2 of the NW/4 of Sec. 20

and such other etc.

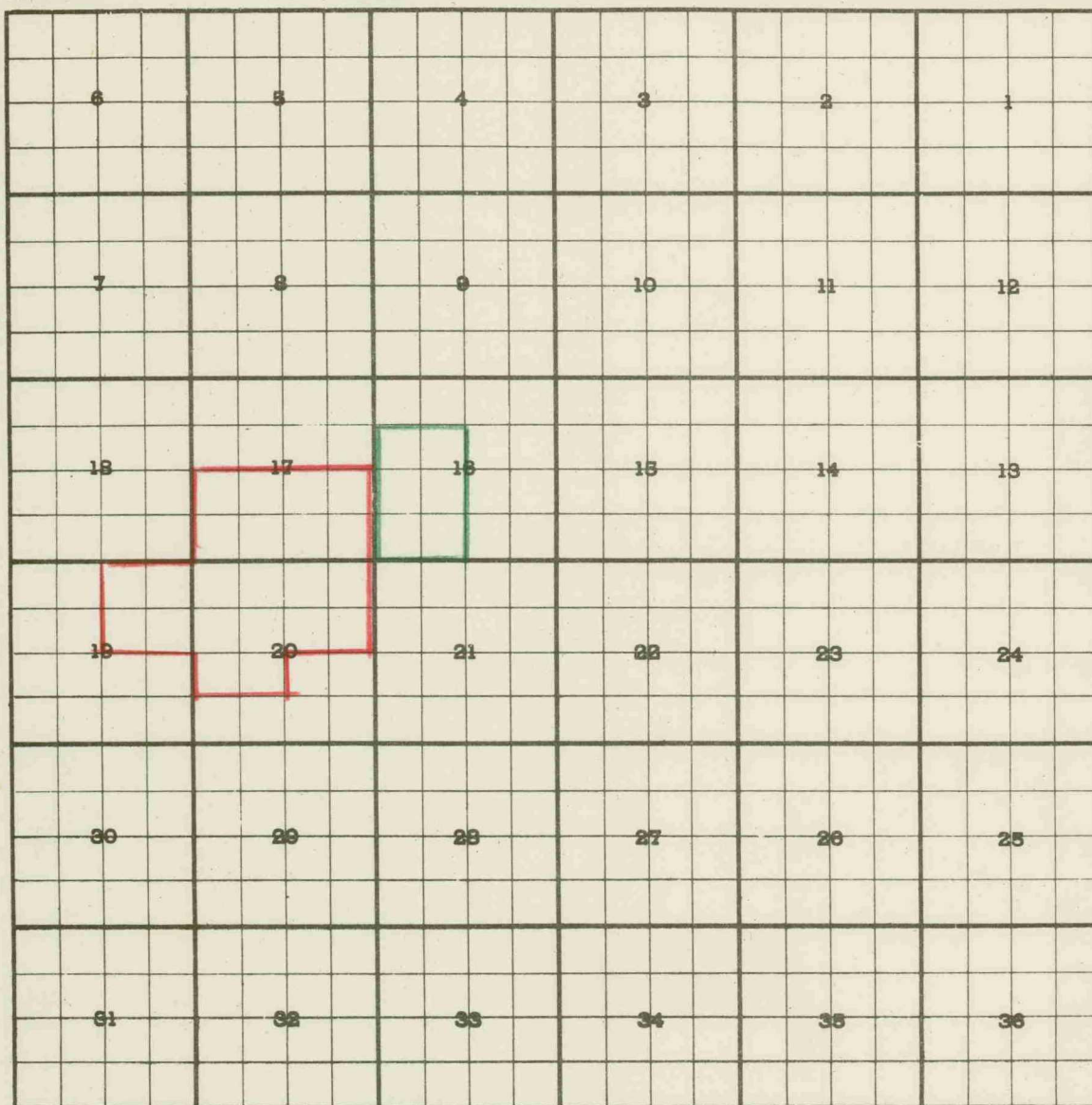
(S) Extend the Young pool boundary in Lea County, New Mexico, to include therein:

Twp. 18 South, Range 32 East  
SW/4 & S/2 NW/4 of Sec. 16

and such other etc.

County LEA Pool YOUNG

Queen

TOWNSHIP 18 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

Gulf Oil Corp. Lea State "HS " #1 in Unit E of Sec. 16-18-32 comp.  
2/26/57 in Queen top perf. 3822

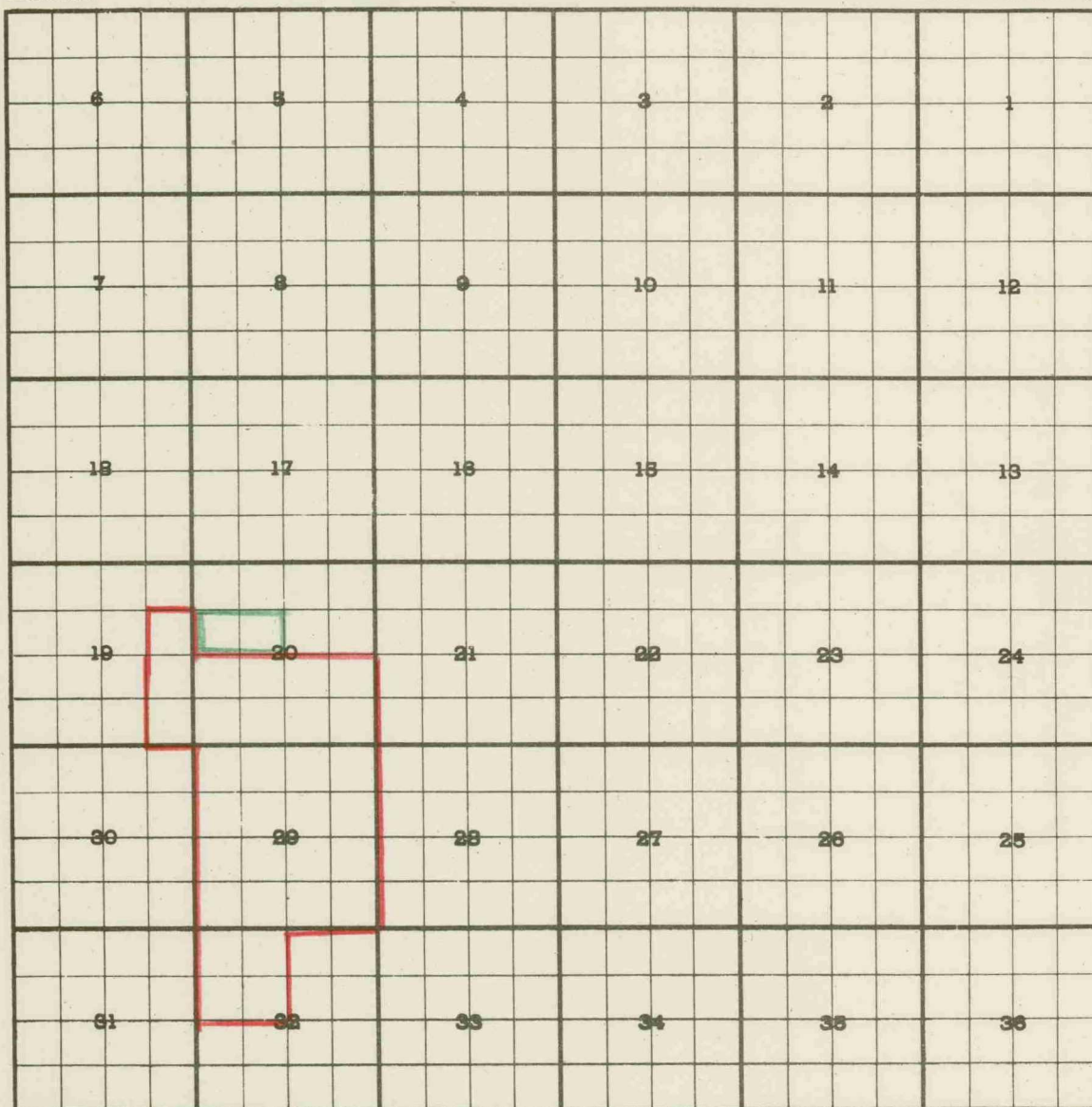
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green SW/4 &amp; S/2 NW/4 of Sec. 16



County LEA Pool WARREN-MCKEE

9-10 McKee

TOWNSHIP 20 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of -

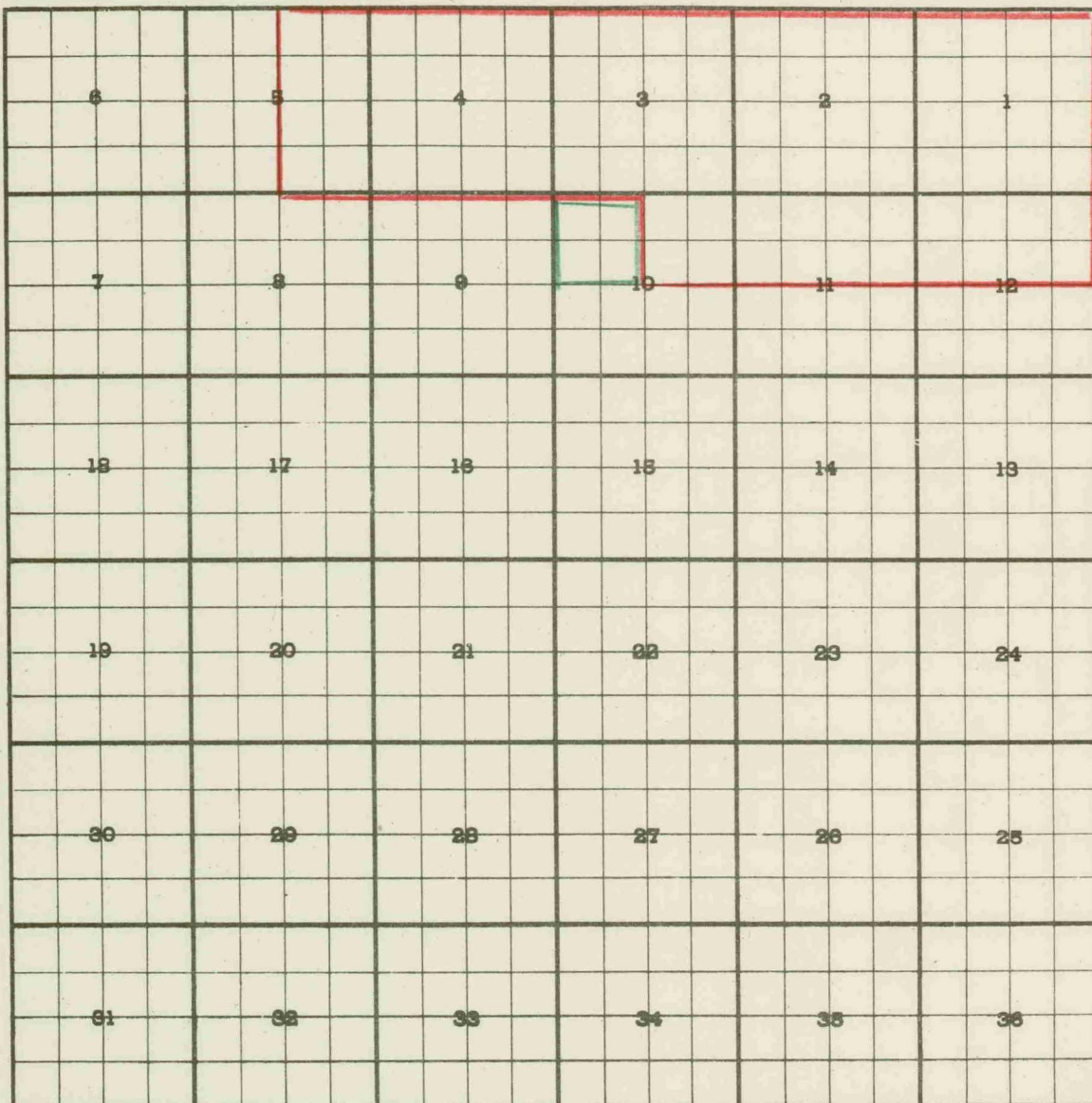
Continental Oil Co. SEMU McKee #53 in Unit E of Sec. 20-20-38 comp.

3/6/57 in McKee top perf. 9092

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green - S/2 NW/4 of Section 20

Case 1238 : (Q) Extension of an existing pool

County EDDY Pool SQUARE LAKETOWNSHIP 17 South, RANGE 30 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

A. S. Woolley Parks H #3 in Unit D of Sec. 10-17-30 comp. in Gbg.  
top perf. 2837

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green Unadvertised NW/4 of Sec. 10



Case 1238: (Q) Extension of an existing pool

County EDDY Pool SQUARE LAKE

TOWNSHIP 16 South, RANGE 29 East, NEW MEXICO PRINCIPAL MERIDIAN

	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 extend the pool for the inclusion of -

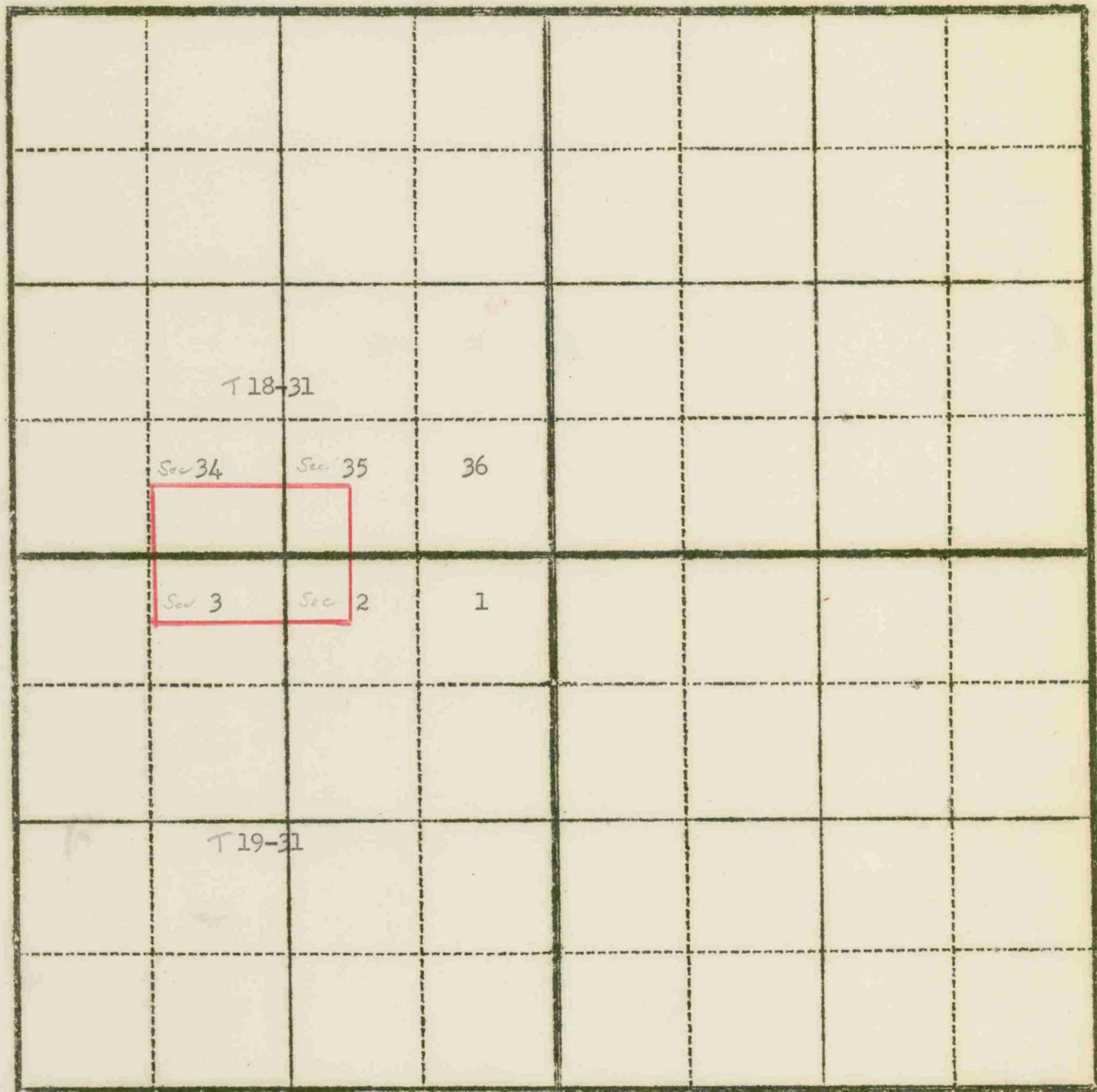
J. F. McAdams Gulf State #2 in Unit B of Sec. 36-16-29 comp. 2/12/57 in  
Grayburg

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green W/2 NE/4 of Sec.36

Case 1238: (P) Redefining the vertical limits of the Shugart pool  
in Eddy County to include Yates, SR Queen and Grayburg

Townships 18 and 19-31



Horizontal limits Outlined in Red T-18 R31 S/2 Sec.34 & SW/4 Sec. 35  
T19 R31 N/2 Sec. 3 & NW/4 of Sec. 2

Wells included - now outside vertical limits

Koehane, Saunders Welch & Iverson Hinkle "A" #1-A in Unit L  
of Sec. 35-18-31 comp. 2/20/38 in Grayburg dcs. 3327

Koehane, Saunders, et al Hinkle #3-A in Unit I of Sec. 34-18-31  
comp. 1/22/57 in Grayburg top perf. 3390

Kpehane, Saunders, Welch and Iverson Hinkle "A" #4 in Unit M  
of Sec. 35-18-31 comp. in Grayburg Yates  
10/11/56 top perf. 3857 285'

Kpehane, Saunders, Welch & Iverson Hinkle "A" #5 in Unit N 3350  
of Sec. 35-18-31 comp. 4/8/57 in Grayburg top perf.

Case 1238: (0) Abolishing of a pool

County EDDY

Pool SHUGART GRAYBURG

TOWNSHIP 18 *South*, RANGE 31 *East*, NEW MEXICO PRINCIPAL MERIDIAN

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- This pool to be abolished and combined with Shugart-Par. (P)

case 1238. Horizontal limits shown in red.



Case 1238: (N) Extension of an existing pool

County \_\_\_\_\_ LEA \_\_\_\_\_ Pool NORTH SHOE-BAR DEVONIAN

12-13 Dev.

TOWNSHIP 16 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Purpose- To extend the pool for the inclusion of

Sinclair G. W. Nickson #1 in Unit G of Sec. 15-16-35 comp. in Dev.

2/24/57 top perf. 12,542

Existing Boundary : Colored in Red

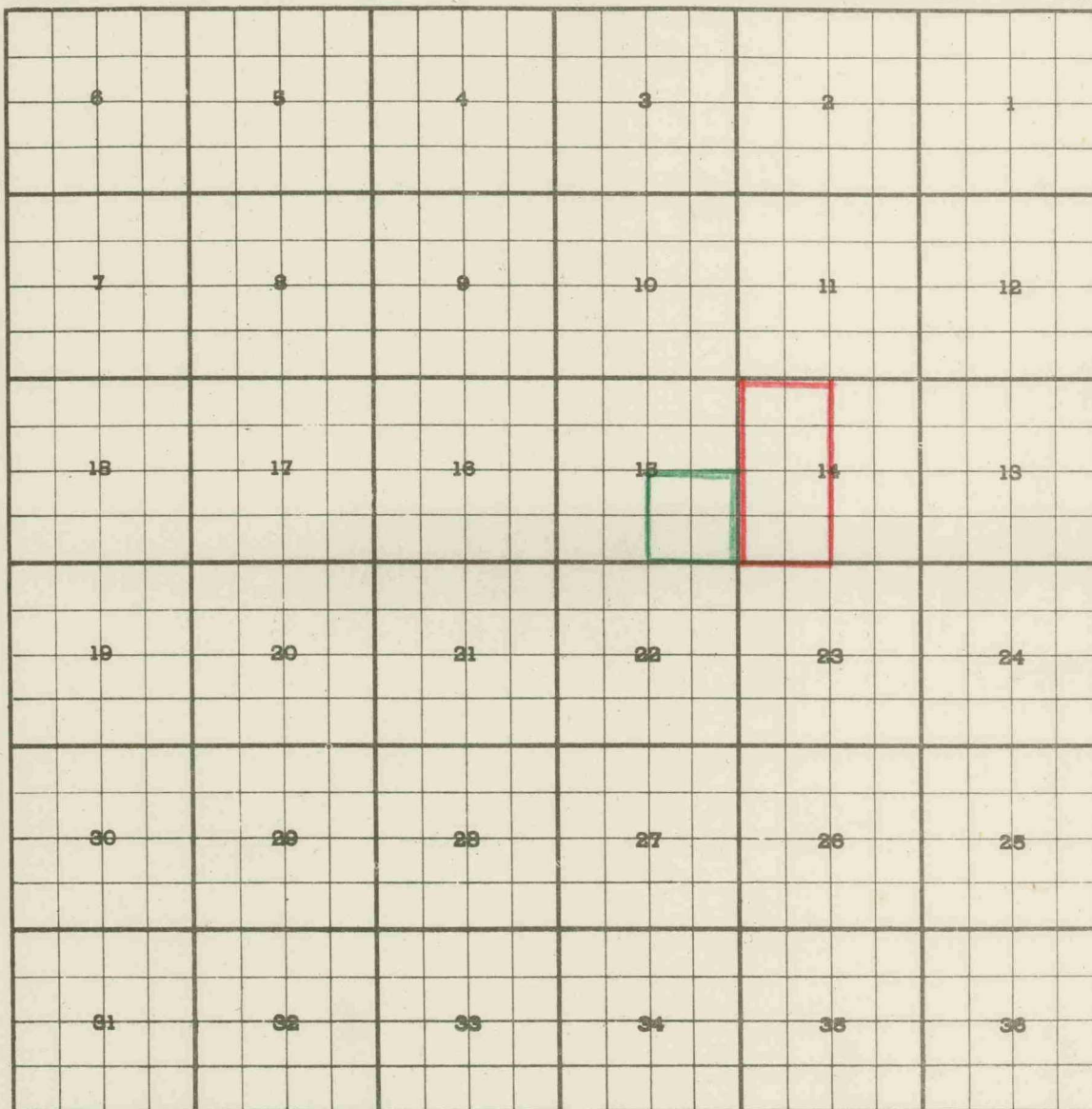
Proposed Extension: Colored in Green S/2 NE/4 Sec. 15

Case 1238: (M) Extension of an existing pool

County \_\_\_\_\_ LEA \_\_\_\_\_ Pool LEA \_\_\_\_\_

0-5 Yates

TOWNSHIP 20 South, RANGE 34 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: To extend the pool for the inclusion of -

Albert Gackle Hanson Federal "A" #1 in Unit I of Sec. 15-20-34

comp. in Yates 1/24/57

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green SE/4 of Sec. 15

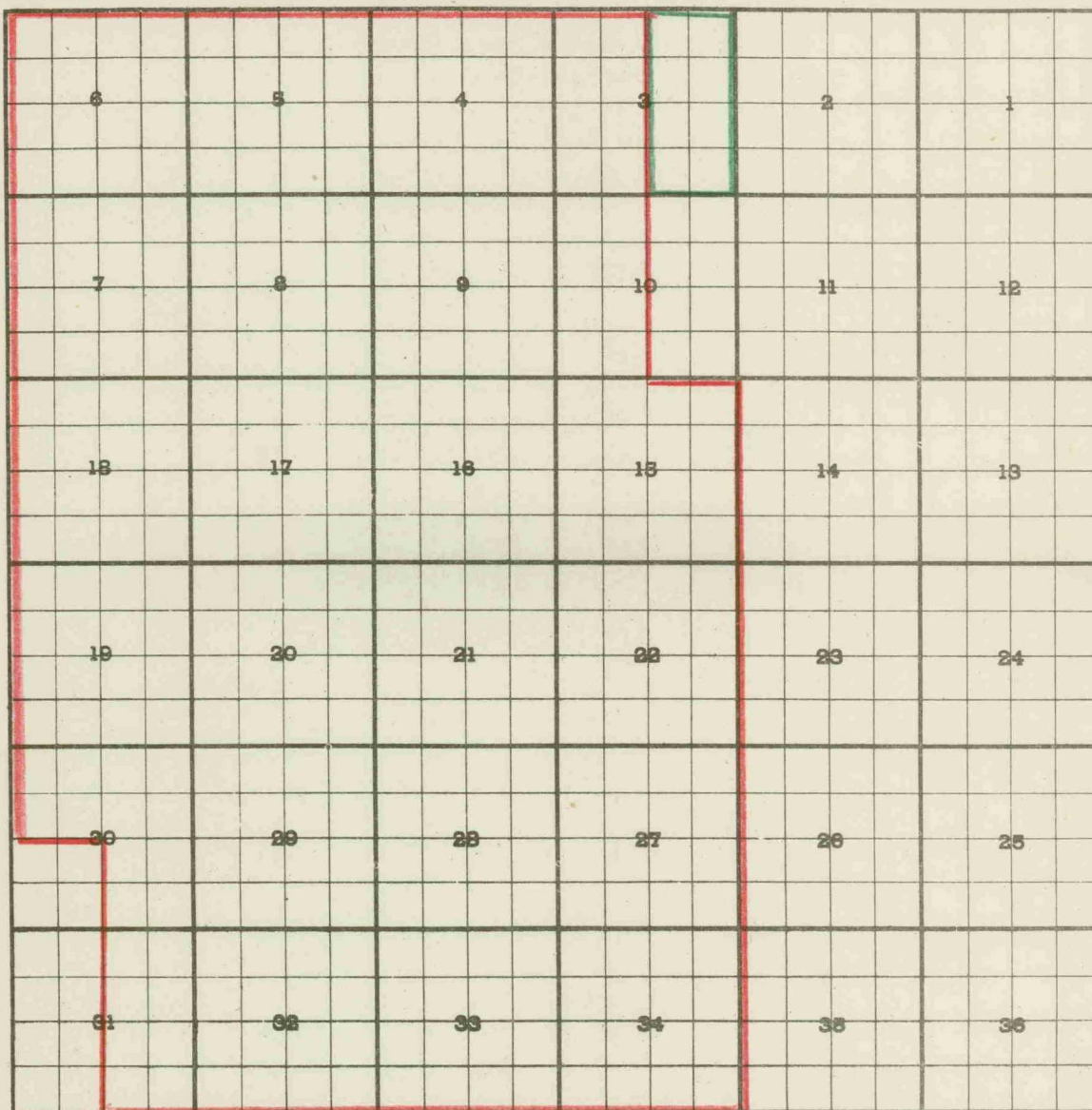


County LEA Pool LANGLIE-MATTIX

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

Proposed Extension: Colored in Green NW/4 of Section 6



County LEA Pool JALMATTOWNSHIP 26 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of-

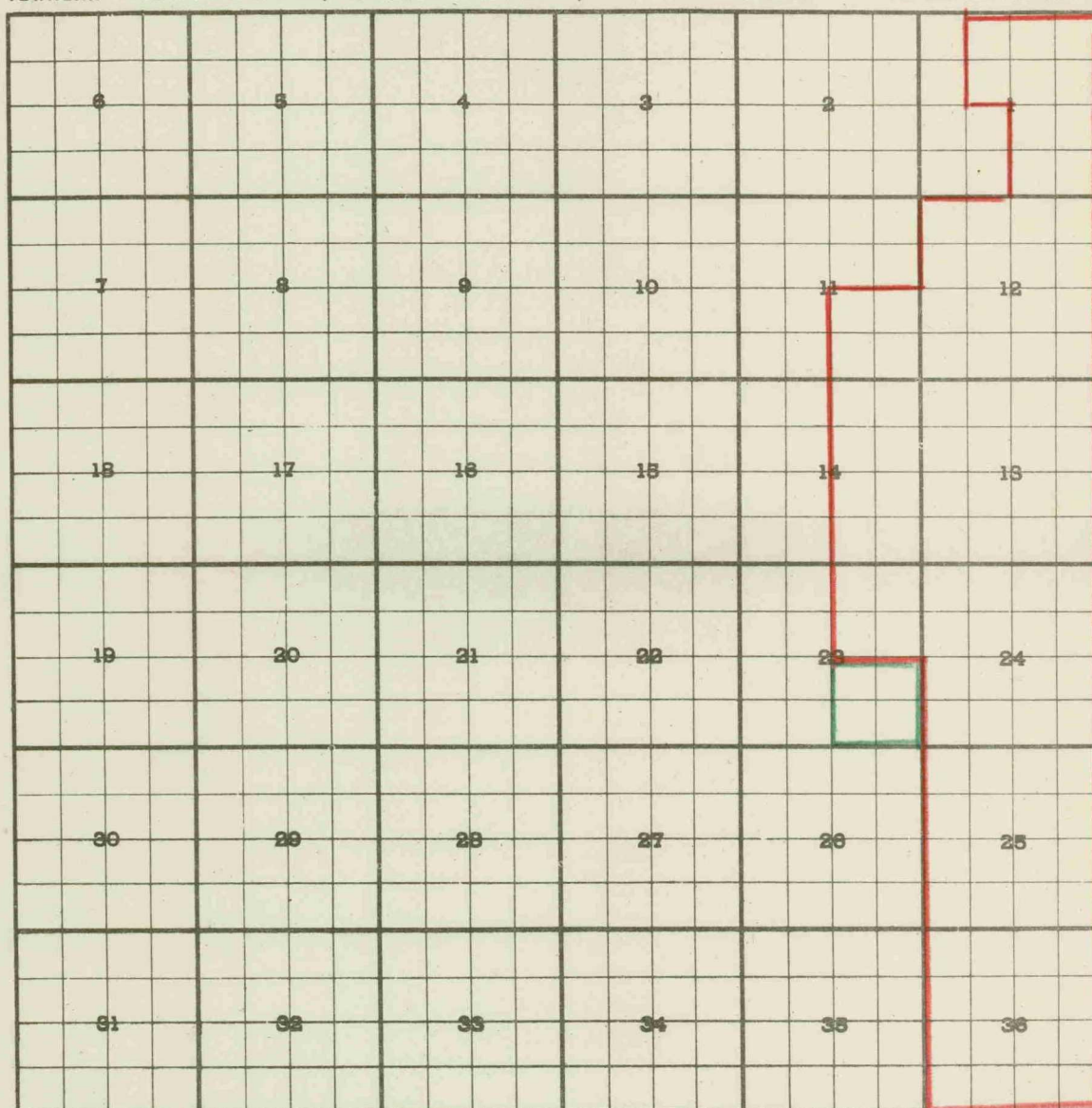
Amerada C. C. Cagle "C" #1 in Unit D of Sec. 3-26-37 comp. in Yates as gas well. N/2 assigned as gas unit top perf. 2680

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green E/2 Sec. 3 Unadvertised-

County LEAPool JALMAT

Yates Part of SR

TOWNSHIP 22 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

The Atlantic Refining Co. State "AN #1 in Unit L of Sec. 23-22-35 comp.

in Yates 1/4/57 top perf. 3866

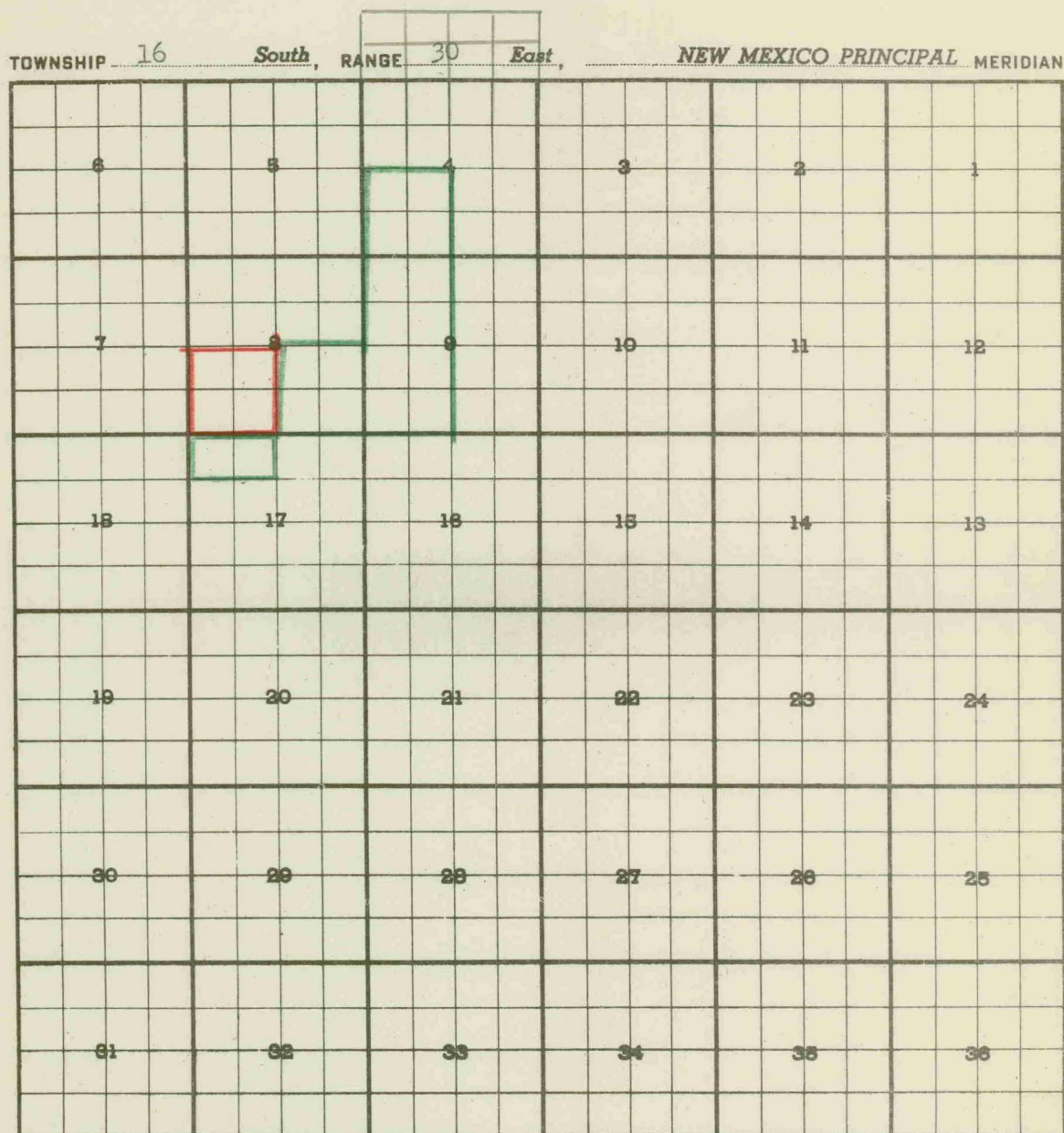
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green SE/4 of Sec. 23



County EDDYPool WEST HENSHAW-GRAYBURG

O-5 Grayburg



Purpose: To extend the pool for the inclusion of-

Western Ventures, Inc. Spencer Federal #1-V in Sec. 4-16-30 comp. 2/1/57 in  
Grayburg top perf. 2805 &

Western Ventures, Inc. Spencer Federal #2-S in Sec. 4-16-30 comp. in Grayburg  
3/22/57 top perf. none, dcs. 2778

John H. Trigg Federal "D" #1 in Unit C of Sec. 17-16-30 comp. in Grayburg  
2/16/57 top perf. 2745

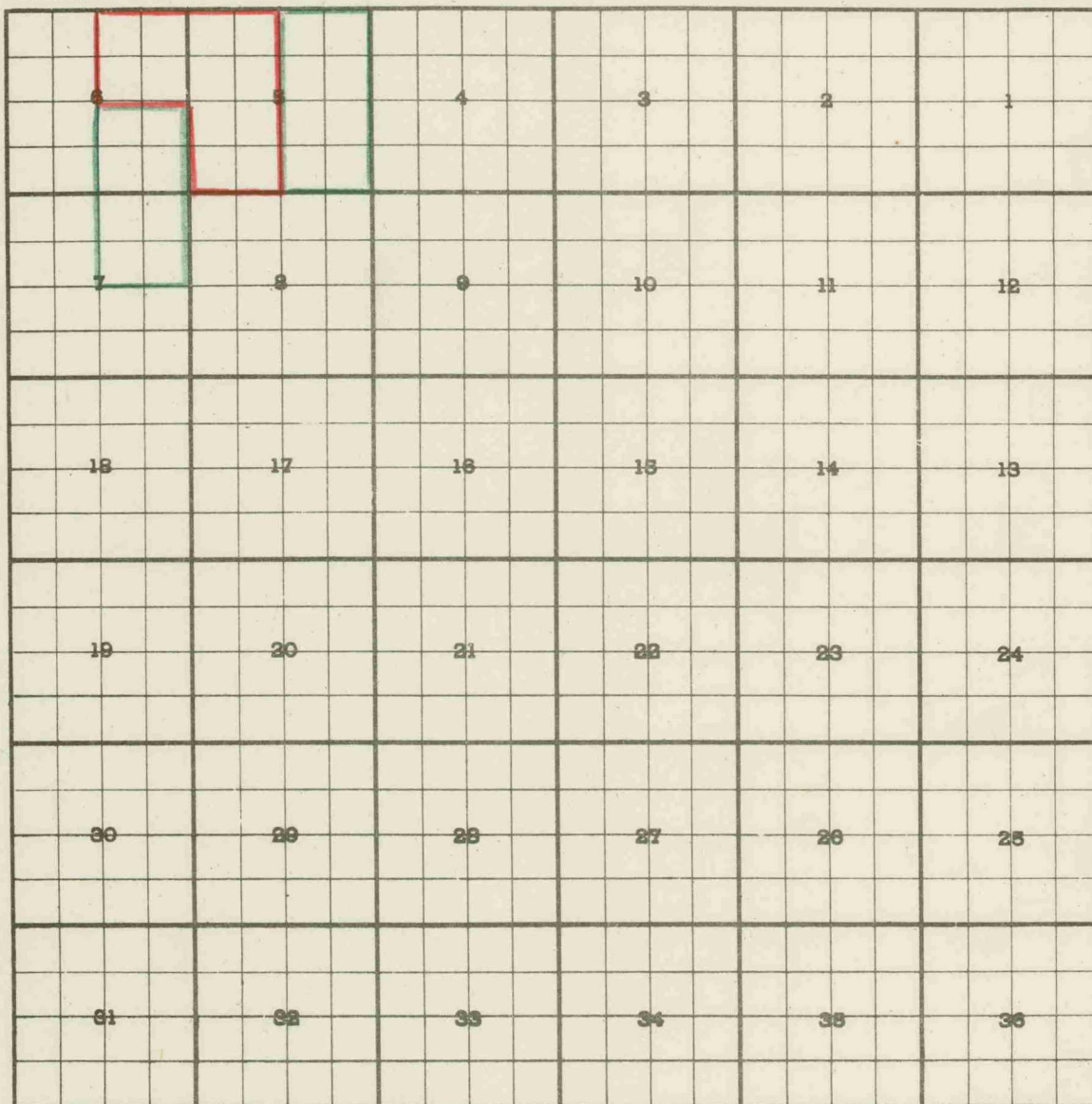
Existing Boundary : Colored in Red

Proposed Extension: Colored in Green

SW/4 Sec. 4; SE/4 Sec. 8; W/2 Sec. 9; N/2 NW/4  
Sec. 17

County LEA Pool N. GLADIOLA-DEVONIAN

12-13

TOWNSHIP 12 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

Sinclair Kendrick Estate #1 in Unit J of Sec. 5-12-38 comp. in Dev. 3/12/57  
top perf. 11,976Sunfay Mid-Continent Oil Co. Z. Taylor #1 in Unit B of Sec. 7-12-38 comp.  
2/21/57 in Dev. top perf. 11,970

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green Unadv. E/2 Sec. 5

Adv. SE/4 Sec. 6, NE/4 Sec. 7



County LEAPool NORTH-GLADIOLA DEV.

12-13

TOWNSHIP 11 South, RANGE 38 East, NEW MEXICO PRINCIPAL MERIDIAN

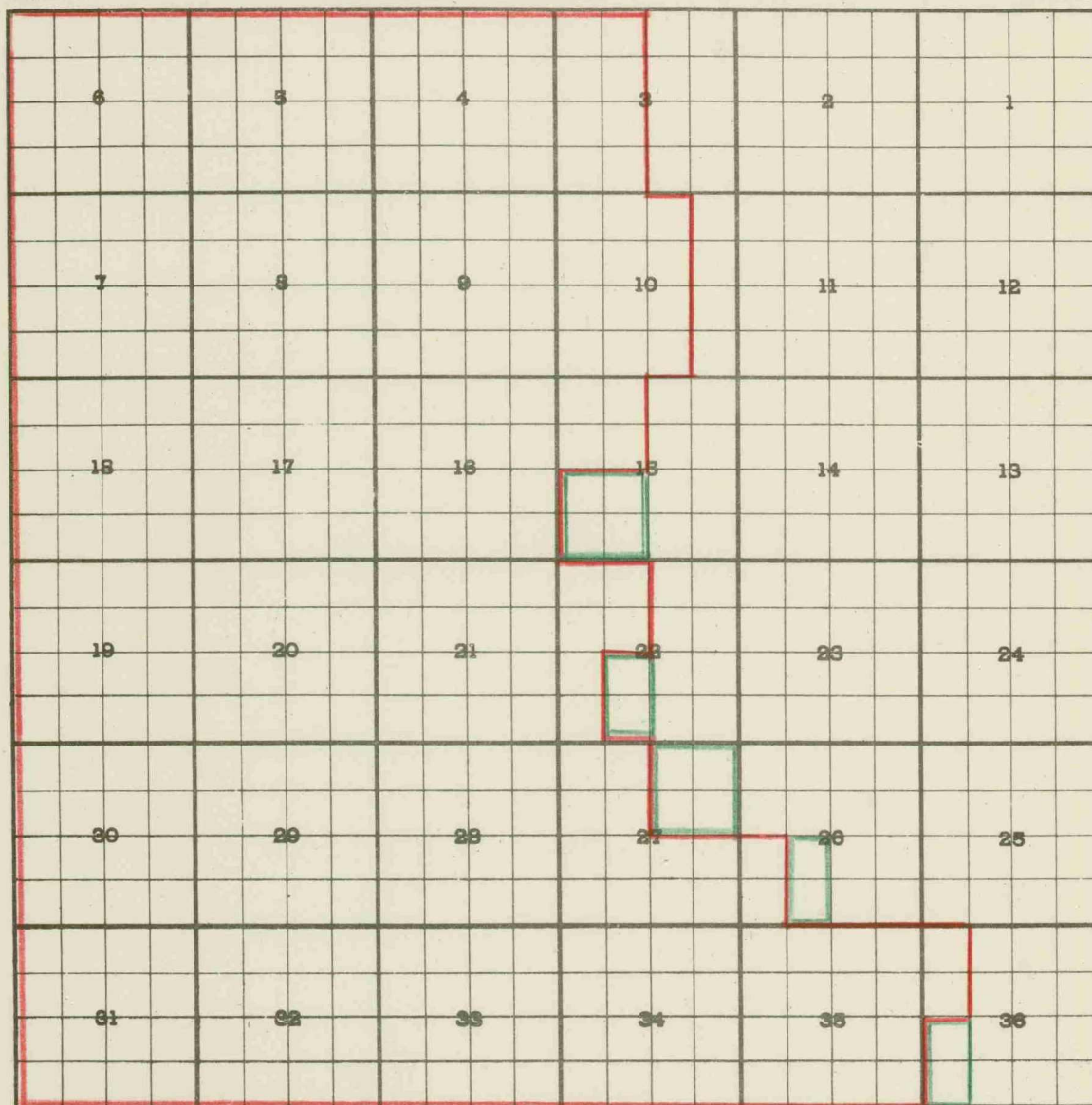
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: To extend the pool for the inclusion of

Ralph Lowe State "A" #1 in Unit E of Sec. 32-11-38 comp. in Dev.  
3/5/57 top perf. 11,978

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green UNADVERTISED NW/4 of Sec. 32

County LEAPool EUMONTTOWNSHIP 19 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of-

Amerada Pet. Corp. State EM"A" #3 in Unit N of Sec. 22-19-37 comp. in Queen  
2/21/57 top perf. none dcs. 3895

Gulf Oil Corp. F. W. Kutter "F" #1 in Unit G of Sec. 27-19-37 comp. in Queen  
2/2/57 top perf. 3830

Magnolia Pet. Co. New Mex. "Q" #1 in Unit M of Sec. 15-19-37 comp. in Queen  
2/20/57 top perf. 3941

UNADVERTISED

Gulf Oil Corp.- W. A. Hudson #2 in Unit N of Sec. 26-19-37 comp. in Queen  
3/16/57 &

Shell Oil Co. State EMA #1 in Unit M of Sec. 36-19-37

Existing Boundary : Colored in Red

Proposed Extension: SW/4 Sec. 15; E/2 SW/4 Sec. 22, NE/4 Sec. 27 Adv. Unadv.

E/2 SW/4 Sec. 26

W/2 SW/4 Sec. 36



County EDDYPool EMPIRE-WOLFCAMP

7-8 Wolfcamp

TOWNSHIP 17 South, RANGE 28 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Purpose: To extend the pool for the inclusion of

John J. Eisner Buffalo Delhi-State #1 in Unit C of Sec. 29-17-28  
comp. in Wolfcamp 2/22/57 top perf. 7288

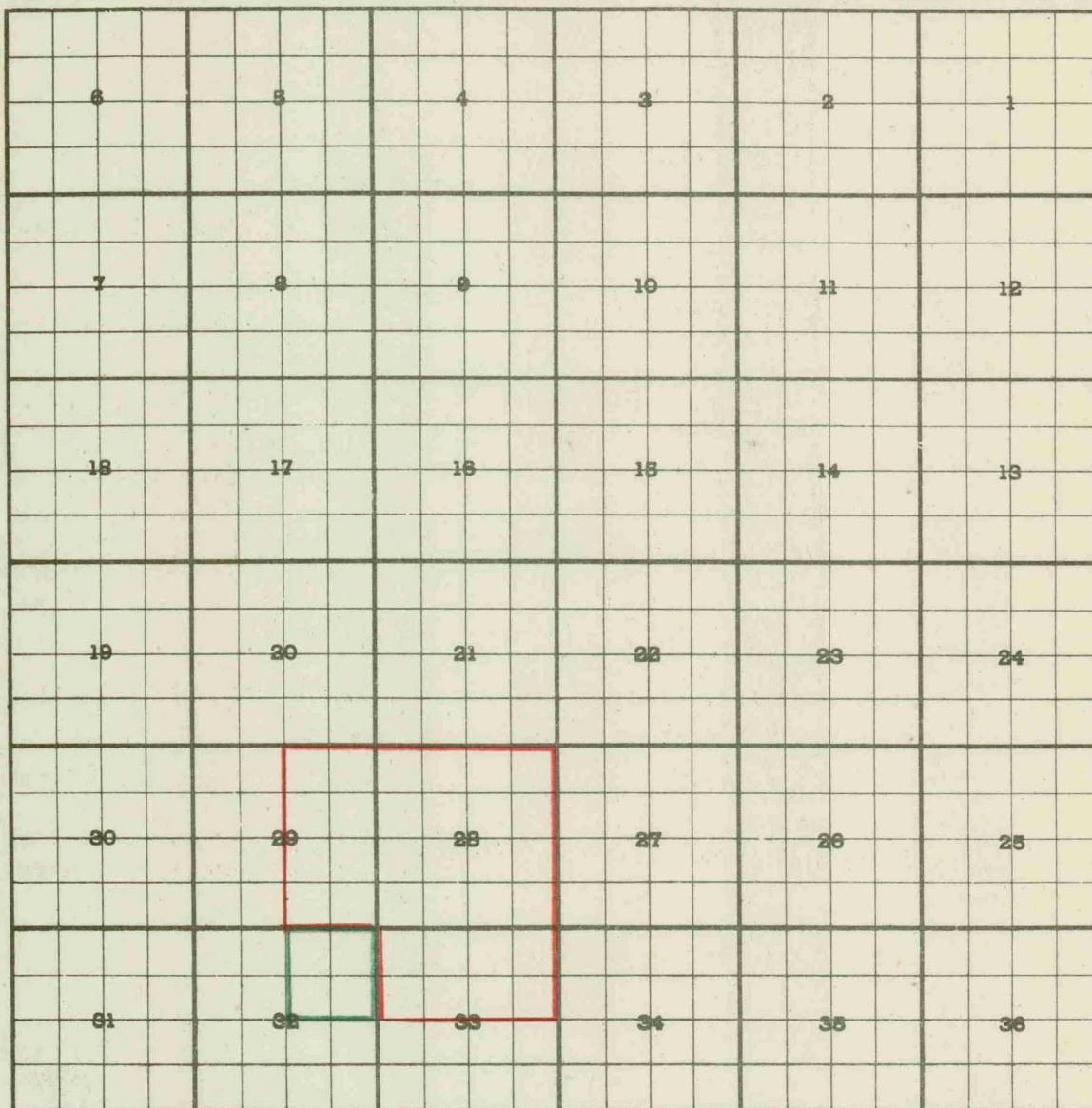
Existing Boundary : Colored in RedProposed Extension: Colored in Green W/2 Sec. 29

Case 1238: (F) Extension of an existing pool

County LEA Pool CROSBY-DEVONIAN GAS

Dev.

TOWNSHIP 25 *South*, RANGE 37 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: To extend the pool for the inclusion of-

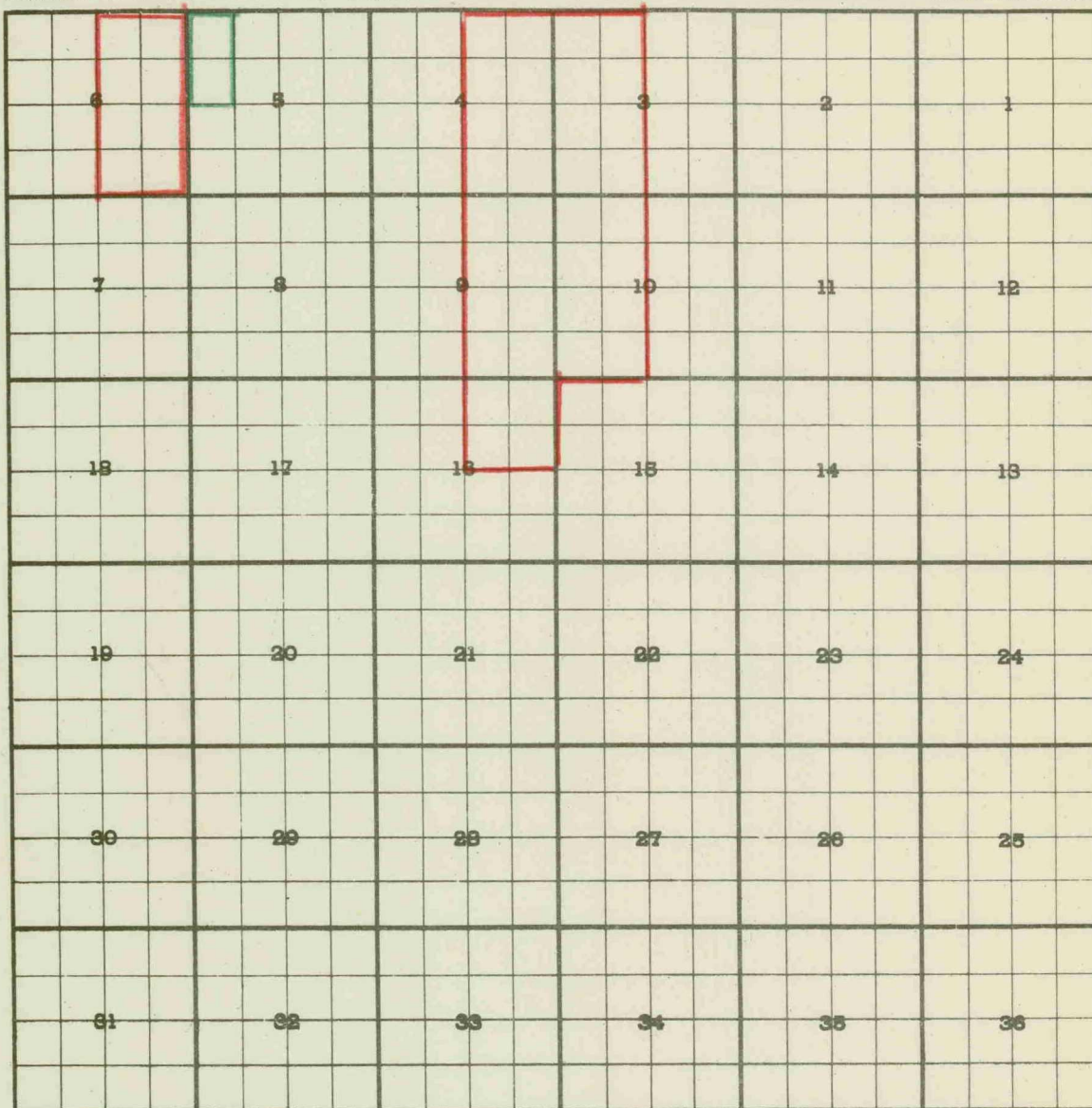
Gulf Oil Corp. Arnott Ramsay "B" #3 in Unit A of Sec. 32-25-37 comp.

in Dev. Top perf. 8644

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green NE/4 of Sec. 32



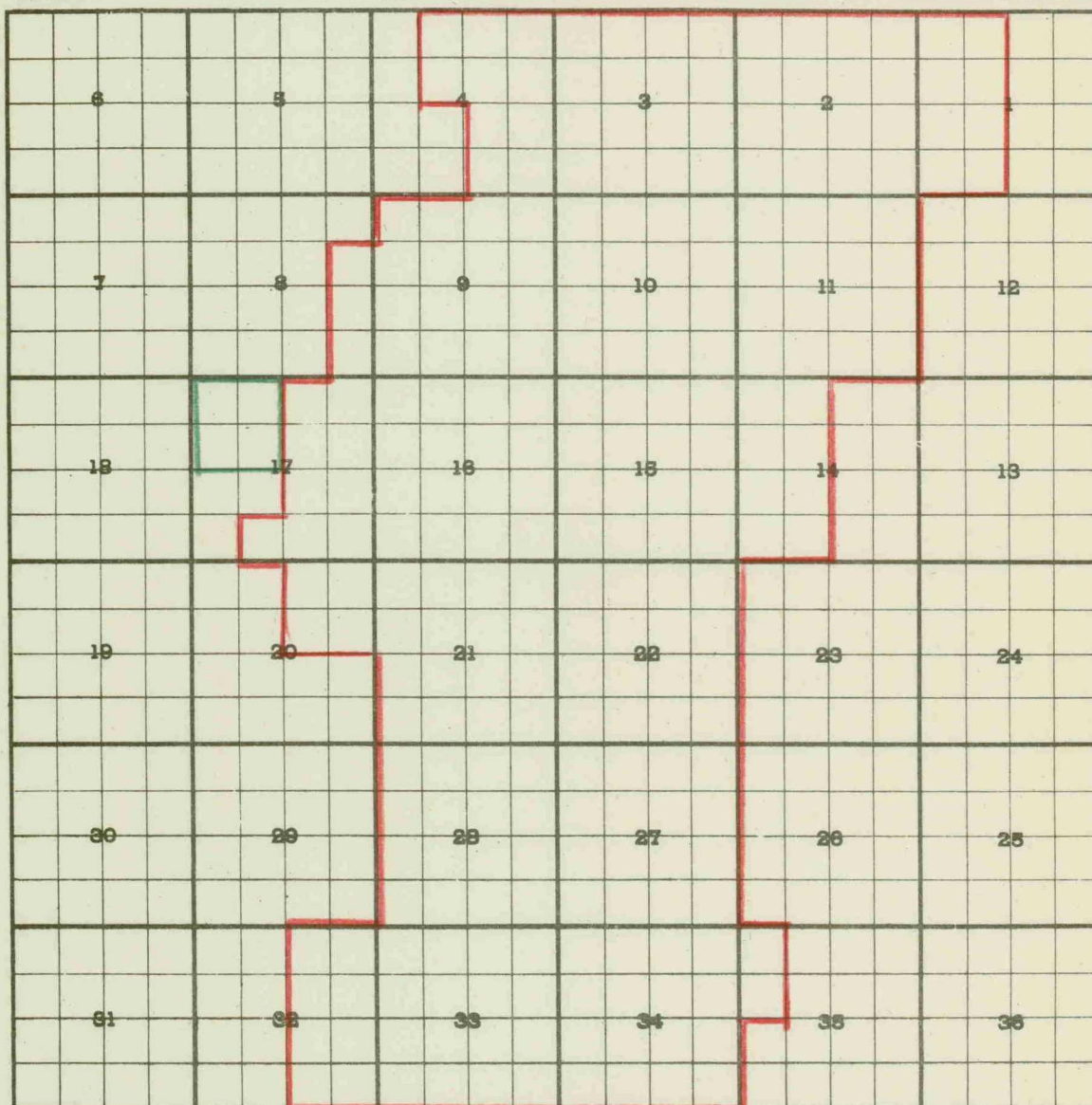
County LEA Pool CORBINTOWNSHIP 18 *South*, RANGE 33 *East*, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

Carper Drilling Company Wyatt #6 in Unit E of Section 5-18-33 comp.  
2/28/57 in Queen des. 4067

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green W/2 NW/4 of Section 5

County CHAVES Pool CAPROCK-QUEENTOWNSHIP 14 *South*, RANGE 31 *East*, NEW MEXICO PRINCIPAL MERIDIAN

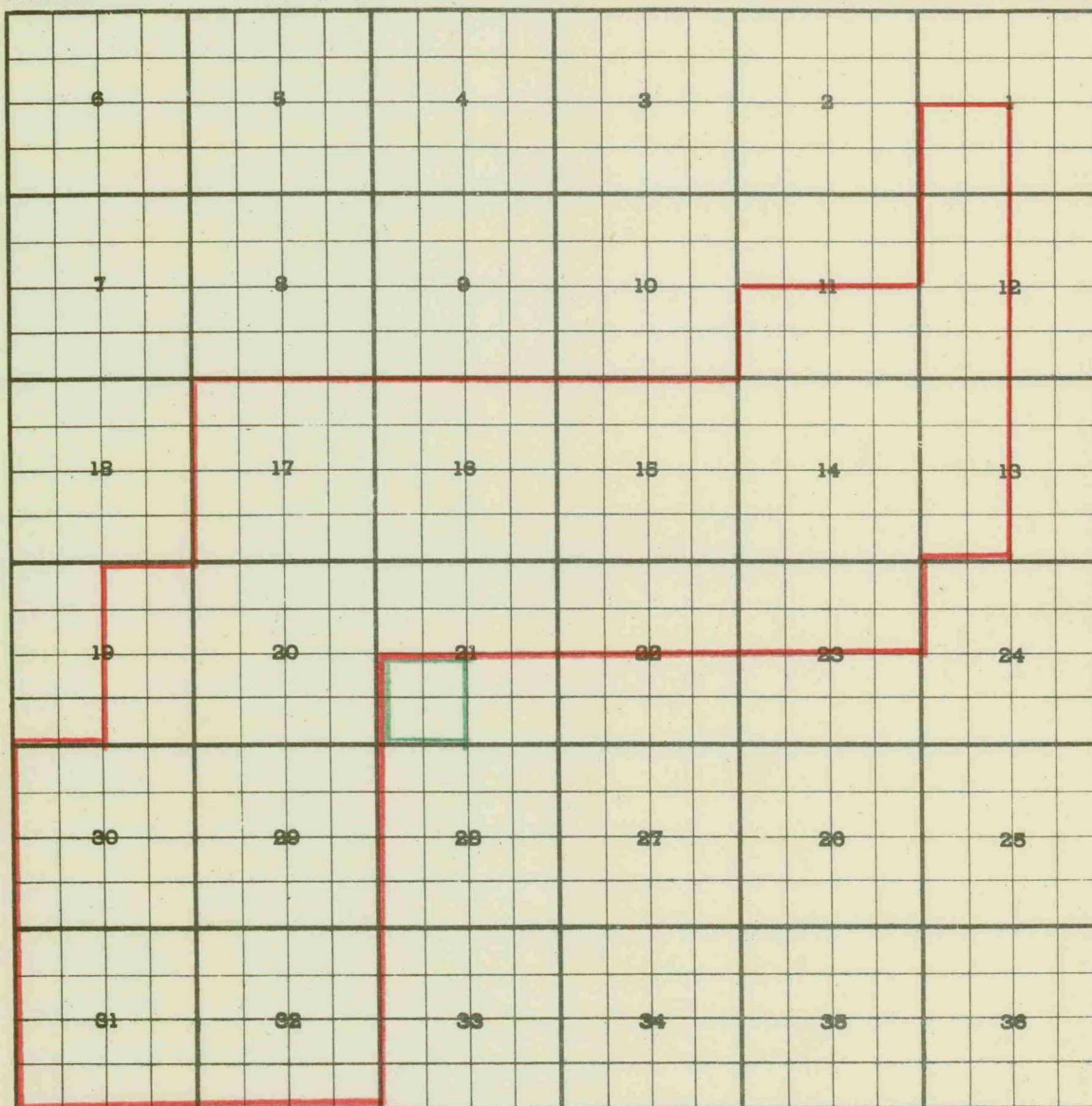
Purpose: To extend the pool for the inclusion of -

T. F. Hodge Malco Federal #2 in Unit F of Section 17-14-31 comp. in  
Queen 2/15/57 top perf. 2706

Existing Boundary : Colored in Red

Proposed Extension: Colored in Green NW/4 of Section 17



County LEAPool CAPROCK-QUEENTOWNSHIP 12 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: To extend the pool for the inclusion of

Garland A. Smith Delpo Douthitt #1 in Unit L of Section 21-12-32 comp.  
9/30/56 in Queen top perf. 3014

Pool Boundary: Colored in Red

Proposed Extension Colored in Green SW/4 of Section 21

County EDDY Pool RED LAKE-PENNSYLVANIAN (Gas)

9-10 Penn.

TOWNSHIP 18 South, RANGE 27 East, NEW MEXICO PRINCIPAL MERIDIAN

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 create a new pool for the inclusion of-Humble Oil & Refining(Chalk Bluff Unit Draw #1) S. M. Compton #1 in UnitK of Section 5-18-27 comp. in Penn. 3/29/56 dcs. 9488Proposed Boundary : Colored in Red All Section 5



County \_\_\_\_\_ LEA \_\_\_\_\_ Pool ARROWHEAD-DRINKARD

6-7 Drinkard

TOWNSHIP 21 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

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

Purpose: To create a new pool for the inclusion of-

Gulf Oil Corp. Harry Leonard "C" #10 in Unit N of Sec. 36-21-36  
comp. in Drinkard 2/1/57 top perf. 6555

Proposed Boundary : Colored in Red SW/4 of Section 36

County

LEA

Pool

EAST ANDERSON RANCH-PENN.

10-11

Penn.

TOWNSHIP

16

## South

**RANGE.**

33

*East*

NE

W I

MEX

**UCC**

.....

RING

CIPA

AL

MER

RIDIA

AN

A 6x6 grid of graph paper. The grid is numbered 1 through 36 in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A red rectangular box is drawn in the top right corner, enclosing the cells containing the numbers 9 and 10. The number 10 is in the second row from the top, fifth column from the right, and the number 9 is in the first row from the top, fifth column from the right.

10-11 Pennsylvanian

Purpose: To create a new pool for

Humble Oil & Refining Co. New Mexico State AQ #1 in Lot 9 of Section

3-16-33 comp. 2/24/57 in Penn. top perf. 10,960

Proposed Boundary : Colored in Red -Lots 7,8,9 & 10 of Sec. 3