

BEFORE THE
OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
February 13, 1958

IN THE MATTER OF: Case No. ~~1380~~
1379

TRANSCRIPT OF PROCEEDINGS

DEARNLEY . MEIER & ASSOCIATES
INCORPORATED
GENERAL LAW REPORTERS
ALBUQUERQUE, NEW MEXICO
3-6691 5-9546

(f) Create a new oil pool for Delaware production, designated as the Welch-Delaware Pool, and described as:

Township 26 South, Range 27 East
Section 21: NW/4

(g) Delete portions of the Arrowhead Pool described as:

Township 21 South, Range 36 East
Section 24: All
Section 25: E/2
Section 26: NE/4 NE/4

(h) Extend the Penrose Skelly Pool to include:

Township 21 South, Range 36 East
Section 24: SE/4
Section 25: SE/4 SE/4

Township 21 South, Range 37 East
Section 19: SW/4
Section 30: SW/4 SW/4

(i) Abolish the Anderson Pool described as:

Township 17 South, Range 29 East
Section 1: S/2
All of Sections 2, 3, 10, 11, & 12
Section 13: N/2
Section 14: N/2
Section 15: NE/4

Township 17 South, Range 30 East
Section 6: SW/4
Section 7: N/2

(j) Extend the Square Lake Pool to include:

Township 16 South, Range 29 East
Section 36: S/2 S/2

Township 16 South, Range 30 East
Section 31: S/2
Section 32: SW/4

Township 17 South, Range 29 East
All of Sections 1, 2, 3, 10, 11 & 12

Section 13: N/2
Section 14: N/2
Section 15: NE/4

Township 17 South, Range 30 East

Section 5: W/2
Section 6: All
Section 7: N/2

(k) Extend the Caprock-Queen Pool to include:

Township 14 South, Range 31 East

Section 17: W/2 SW/4

(l) Extend the Crosby-Devonian Gas Pool to include:

Township 25 South, Range 37 East

Section 20: SE/4

(m) Extend the Dos Hermanos-Yates-Seven Rivers Pool to include:

Township 20 South, Range 30 East

Section 28: S/2 SE/4

(n) Extend the South Eunice Pool to include:

Township 21 South, Range 36 East

Section 34: SW/4

(o) Extend the Four Lakes-Devonian Pool to include:

Township 11 South, Range 34 East

Section 35: SE/4

(p) Extend the West Lusk Pool to include:

Township 19 South, Range 31 East

Section 23: NW/4

(q) Extend the Reeves-Pennsylvanian Pool to include:

Township 18 South, Range 35 East

Section 14: SE/4

Section 23: N/2

(r) Extend the Townsend-Wolfcamp Pool to include:

Township 16 South, Range 36 East
Lots 9, 10, 11, 14, 15, 16

(s) Extend the Tubb Gas Pool to include:

Township 21 South, Range 37 East
Section 14: SE/4

BEFORE:

Mr. A. L. Porter, Jr.
Mr. Murray Morgan
Governor Edwin L. Mechem

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: The Commission will consider next Case 1379.

MR. COOLEY: Case 1379: Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and the extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico.

RANDALL MONTGOMERY

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

DIRECT EXAMINATION

By MR. COOLEY:

Q State your name and position, please.

A Randall Montgomery, Proration Manager for New Mexico Oil Conservation Commission.

Q In your official capacity with the New Mexico Oil Conserva-

tion Commission, have you had an opportunity to make a study of the creation of new pools and the extension of existing pools in Lea, Eddy and Chaves Counties, New Mexico?

A I have.

Q Do you have any recommendations concerning the creation of a gas pool in Township 14 South, Range 36 East?

A I recommend that the pool be created as advertised and named the Austin-Mississippian Gas Pool, covering the southwest quarter of Section 17, Township 14 South, Range 36 East.

Q Township 14 South, Range 36 East?

A Right.

Q Proceed.

A The discovery well was the Phillips Petroleum Company Austin No. 1 in Unit M of Section 17, Township 14 South, Range 36 East, completed in the Mississippian on 4/7/57. The top of the perforation was 13,194 feet.

Q What do you recommend as the vertical limits?

A The Mississippian formation.

Q Do you have any recommendation concerning the creation of a new oil pool for Abo production in Township 18 South, Range 27 East?

A I do. I recommend that the pool be created as advertised, being the Empire-Abo Pool, covering the northwest quarter of Section 11, Township 18 South, Range 27 East. The discovery well in this pool was the Pan American Petroleum Corporation Malco Refineries

A Well No. 1 in Unit C of Section 11, 18, 27, completed in Abo formation on 11/6/57, the top of the perforation was 6,014 feet.

Q What are the vertical limits?

A To be the Abo formation.

Q Do you have any recommendation concerning the creation of a new gas pool for Pennsylvanian production in Township 17 South, Range 29 East?

A I do. I recommend that this pool be created as advertised, being the Grayburg-Atoka Gas Pool, and the area covered is the northwest quarter of Section 22, Township 17 South, Range 29 East. The discovery well was the El Paso Natural Gas Company Leonard State Well No. 1 in Unit E of Section 22-17-29, completed in the Upper Atoka formation on 11/27/57. The top of the perforation was 10,680 feet.

Q What do you recommend as the vertical limits?

A The Upper Atoka formation.

Q What are your recommendations concerning the creation of a new oil pool for Drinkard production in Township 25 South, Range 37 East?

A I recommend that pool be created as advertised and called the Justis-Drinkard Pool, and the vertical limits being the Drinkard formation, the horizontal being the northeast quarter of Section 24. The discovery well was the Tidewater Oil Company A. B. Coats C Well No. 8 in Unit B of Section 24, Township 25 South, Range 37 East, completed in the Drinkard on 11/23/57, top

of the perforation, 5,930 feet.

Q Do you have any recommendations concerning the creation of a new oil pool for Devonian production in Township 11 South, Range 34 East?

A I do. I recommend that that pool be created as advertised, called the Sand Springs-Devonian Pool, the horizontal limits to be the southwest quarter of Section 1, the vertical limits to be the Devonian formation. The discovery well was Sinclair Oil and Gas Company State Lea 840 Well No. 1 in Unit M, Section 1-11-34, completed in the Devonian on 11/23/57. The top of the perforation was 13,115 feet.

Q What are your recommendations concerning the creation of a new oil pool for Delaware production in Township 26 South, Range 27 East?

A I recommend that pool be created as advertised, to be called the Welch-Delaware Pool, and the vertical limits to be the Delaware formation, the horizontal limits to be the northwest quarter of Section 21, Township 26 South, Range 27 East. The discovery well is the El Paso Natural Gas Company Welch No. 2 in Unit D of Section 21-26-27, completed in the Delaware on 11/26/57, the top of the perforation being 2,105 feet.

Q Mr. Montgomery, do you have any recommendations concerning the Arrowhead Pool?

A I recommend that portion that is advertised in the Arrowhead Pool be deleted, the basis for this being non-productive acreage

and dry holes between recently completed wells.

Q Do you have any recommendations concerning the extension of the Penrose Skelly Pool?

A I do. I recommend that the Penrose Skelly be extended as advertised, due to a recent completion. Also an unadvertised portion, being the northeast quarter of Section 24 in Township 21 South, Range 36 East, and the northeast quarter of Section 25 in Township 21 South, Range 36 East, and the northeast quarter of the southeast quarter of Section 25 in 21 South, Range 36 East.

MR. PORTER: Just a minute, Mr. Montgomery. What were your recommendations there concerning Section 25? What portion of that should be included?

A The unadvertised portion, the northeast quarter, and the northeast quarter of the southeast quarter.

MR. PORTER: The plat I have shows the southeast of the southeast.

A That portion is advertised.

MR. PORTER: The southeast quarter southeast quarter of 25 was advertised?

A Yes. Also to be included in that portion that was unadvertised would be the northwest quarter of Section 19 in Township 21 South, Range 27 East, and the northwest quarter and the northwest of the southwest quarter of Section 30 in Township 21 South, Range 27 East.

Q Do you have any recommendations concerning the Anderson Pool?

A I recommend that the Anderson Pool be abolished in the entire horizontal limits, due to recent completions of wells from the Anderson and Square Lake, which now make the pools contiguous in their horizontal limits, since they both have the same vertical limits they should be combined.

Q Is it your recommendation that the Square Lake be extended to include the acreage that was formerly included in the Anderson Pool?

A Yes, plus some other acreage advertised due to recent completion of four wells capable of producing from the Square Lake Pool.

Q What are your recommendations concerning the extension of the Caprock-Queen Pool?

A I recommend that the Caprock-Queen Pool be extended as advertised, the basis being the completion of one well capable of producing from the Caprock-Queen Pool.

Q What are your recommendations concerning the extension of the Crosby-Devonian Gas Pool?

A I recommend that it be extended as advertised, and also the unadvertised portion, being the southwest quarter of Section 33 in Township 25 South, Range 37 East. The basis for this extension is the recent completion of two wells capable of producing from the Crosby-Devonian Gas Pool.

MR. PORTER: Mr. Montgomery, did you say the southwest quarter of Section 33?

A Yes, sir, I did.

MR. PORTER: Thank you.

Q Mr. Montgomery, do you have any recommendation concerning the extension of the Dos Hermanos-Yates-Seven Rivers Pool?

A Yes, sir, I have. I recommend that the pool be extended as advertised on the basis of one well capable of producing from that pool.

Q What are your recommendations concerning the extension of the South Eunice Pool?

A I recommend that the pool be extended as advertised, and also an unadvertised portion, being the southeast quarter of Section 33, Township 21 South, Range 36 East; basis for this was the recent completion of three wells capable of producing from this field.

Q What are your recommendations concerning the extension of the Four Lakes-Devonian Pool?

A I recommend that pool be extended as advertised, on the basis of one well capable of producing from that field.

Q What are your recommendations concerning the extension of the West Lusk Pool?

A That that pool be extended as advertised, on the basis of one well capable of producing from this field.

Q What are your recommendations concerning the extension of the Reeves-Pennsylvanian?

A I recommend that the pool be extended as advertised, on the basis of two wells capable of producing from this field.

Q Do you have any recommendation concerning the Townsend-Wolfcamp Pool?

A I recommend that portion of this case be dismissed.

Q For what reason?

A We failed to get the Section number in there.

MR. COOLEY: Move the Commission at this time to dismiss sub-paragraph (r) of Case 1379, due to an error in advertisement.

MR. PORTER: Paragraph (r)?

MR. COOLEY: Paragraph (r), extension of the Townsend-Wolfcamp Pool.

MR. PORTER: The Commission will dismiss paragraph (r) in Case 1379.

Q Mr. Montgomery, do you have any recommendation concerning the extension of the Tubb Gas Pool?

A I recommend that the Tubb Gas Pool be extended as advertised on the basis of one well capable of producing from this pool.

Q Do you have any further recommendations?

A No, sir.

Q Have you prepared exhibits to substantiate your recommendations?

A I have, and I have marked them 1 through 23.

Q Is No. 22 missing?

A No numbers missing.

MR. COOLEY: I move the Commission at this time to admit Exhibits 1 through 23 in Case 1379.

MR. PORTER: Without objection they will be admitted. I have one question. In connection with this, I was trying to find the exhibit in connection with the Atoka Pool that you recommended.

A That should be Exhibit 3.

MR. PORTER: Anyway, I believe that pool was advertised to be created as the Grayburg-Atoka?

A Yes, that is correct.

MR. PORTER: You were asked a question as to what should be the vertical limits. You said the Upper Atoka?

A I was thinking of what it was completed in. You were more on your toes than I was. The vertical limits would officially be the Atoka.

MR. PORTER: Then you would recommend that the entire Atoka zone be designated as the vertical limits?

A Yes, sir.

MR. PORTER: Thank you. Anyone else have a question of the witness? The witness may be excused.

(Witness excused.)

MR. PORTER: Anything further in this case? We will take the case under advisement.

C E R T I F I C A T E

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 Proceedings before the New Mexico Oil Conservation Commission was reported by me in stenotype 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 *12th* day of March, 1958, in the City of Albuquerque, County of Bernalillo, State of New Mexico.



 NOTARY PUBLIC

My commission expires:
 June 19, 1959.

*Done
1-24*

*St
Hobbs
Arteria
Roosevelt
Portales*

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation, abolishment, deletion, and extension of existing pools in Lea, Eddy, Chaves, 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, abolishments, deletions, and extensions should not be made.~~

(a) ⁸²³ Create a new pool in Lea County, New Mexico, classified as a ~~oil~~ pool for Mississippian production, designated as the Austin-Mississippian Pool, and described as:

^{AC-25}
Twp. 14 South, Range 36 East
SW/4 of Section 17

X ✓

~~and such other, etc.~~

(b) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Abo production, designated as the Empire-Abo Pool, and described as:

Twp. 18 South, Range 27 East
NW/4 of Section 11

X ✓

~~and such other, etc.~~

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Pennsylvanian production, designated as the Grayburg-Atoka Gas Pool, and described as:

Twp. 17 South, Range 29 East
NW/4 of Section 22

X ✓

~~and such other, etc.~~

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

Twp. 25 South, Range 37 East
NE/4 of Section 24

X ✓

~~and such other, etc.~~

(e) Create a new pool in Lea County, New Mexico, classified as an oil pool for Devonian Production, designated as the Sand Springs-Devonian Pool, and described as:

Twp. 11 South, Range 34 East
SW/4 of Section 1

X ✓

~~and such other, etc.~~

①

(f) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production, designated as the Welch-Delaware Pool, and described as:

Twp. 26 South, Range 27 East
NW/4 of Section 21

~~and such other, etc.~~

(g) Delete Portions of the Arrowhead Pool in Lea County, New Mexico, described as:

Twp. 21 South, Range 36 East
All of Section 24
E/2 of Section 25
NE/4 NE/4 of Section 26

~~and such other, etc.~~

(h) ~~Abolish~~ the Anderson Pool in Eddy County, New Mexico, described as:

Twp. 17 South, Range 29 East
S/2 of Section 1
All of Sections 2, 3, 10, 11, & 12
N/2 of Section 13
N/2 of Section 14
NE/4 of Section 15

Twp. 17 South, Range 30 East
SW/4 of Section 6
N/2 of Section 7

~~and such other, etc.~~

(i) ~~Extend~~ the Caprock Queen Pool boundary in Chaves County, New Mexico, to include therein:

Twp. 14 South, Range 31 East
W/2 SW/4 of Section 17

~~and such other, etc.~~

(j) ~~Extend~~ the Crosby Devonian Gas Pool boundary in Lea County, New Mexico, to include therein:

Twp. 25 South, Range 37 East
SE/4 of Section 20

~~and such other, etc.~~

?
formation?

X

?

X
P. 4

~~(2 pages)~~

X

P. 4
X

X

2

Yates - Seven River

(m) ~~(*)~~ Extend the Dos Hermanos Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 20 South, Range 30 East
S/2 SE/4 of Section 28

4

~~and such other, etc.~~

(n) ~~(*)~~ Extend the South Eunice Pool boundary in Lea County, New Mexico, to include therein:

Twp. 21 South, Range 36 East
SW/4 of Section 34

4

~~and such other, etc.~~

(o) ~~(*)~~ Extend the Four Lakes Devonian Pool boundary in Lea County, New Mexico, to include therein:

Twp. 11 South, Range 34 East
SE/4 of Section 35

4

~~and such other, etc.~~

~~(p) Extend the West Henshaw Grayburg Pool boundary in Eddy County, New Mexico, to include therein:~~

~~Twp. 16 South, Range 30 East~~
~~W/2 SW/4 of Section 9~~

4

Case 1370

~~and such other, etc.~~

(p) ~~(*)~~ Extend the West Lusk Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 19 South, Range 31 East
NW/4 of Section 23

4

~~and such other, etc.~~

(p) Extend the Milnesand-Pennsylvanian Pool boundary in Roosevelt County, New Mexico, to include therein:

Twp. 8 South, Range 34 East
S/2 NE/4 of Section 24

4

and such other, etc.

(h) ~~(6)~~ Extend the Penrose Skelly Pool Boundary in Lea County, New Mexico, to include therein:

Twp. 21 South, Range 36 East
SE/4 of Section 24
SE/4 SE/4 of Section 25

Twp. 21 South, Range 37 East
SW/4 of Section 19
SW/4 SW/4 of Section 30

~~and such other, etc.~~

(g) ~~(5)~~ Extend the Reeves Pennsylvanian Pool boundary in Lea County, New Mexico, to include therein:

Twp. 18 South, Range 35 East
SE/4 of Section 14
N/2 of Section 23

~~and such other, etc.~~

(i) ~~(7)~~ Extend the Square Lake Pool boundary in Eddy County, New Mexico, to include therein:

Twp. 16 South, Range 29 East
S/2 S/2 of Section 36

Twp. 16 South, Range 30 East
S/2 of Section 31
SW/4 of Section 32

Twp. 17 South, Range 29 East
All of Sections 1, 2, 3, 10, 11, & 12
N/2 of Section 13
N/2 of Section 14
NE/4 of Section 15

Twp. 17 South, Range 30 East
W/2 of Section 5
All of Section 6
N/2 of Section 7

~~and such other, etc.~~

(A) ~~(3)~~ Extend the Townsend Wolfcamp Pool boundary in Lea County, New Mexico, to include therein:

Twp. 16 South, Range 36 East
Lots 9, 10, 11, 14, 15, 16

~~and such other, etc.~~

4

(A) (u) Extend the Tubb Gas Pool boundary in Lea County, New Mexico, to include therein:

Twp. 21 South, Range 37 East
SE/4 of Section 14

✓ ~~10~~

~~and such other, etc.~~

Providing further -

Case 1379: (A) Creation of a new pool

Disc. well: Phillips Petroleum Co. Austin #1 Unit M of Sec. 17-14-36
Comp. in Mississippian 4/7/57 top perf. 13194

County LEA

Pool AUSTIN MISSISSIPPIAN GAS

TOWNSHIP 14 *South*, RANGE 36 *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	29	28	27	26	25
	31	32	33	34	35	36

Proposed Pool boundary colored in red: SW/4 of Section 17

Case 1379: (B) Creation of a new pool

Disc. well: Pan American Pet. Corp. Malco Refineries A #1 in Unit C
Section 11-18-27 Comp. in Abo 11/6/57 top perf 6014

County EDDY Pool EMPIRE-ABO

TOWNSHIP 18 *South*, RANGE 27 *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	

Proposed Pool Boundary colored in Red: NW/4 of Section 11

Case 1379: (C) Creation of a new pool
Disc. Well: El Paso Natural Gas Co. Leonard State #1 in Unit E
Section 22-17-29 Comp. in Upper Atoka 11/27/57 top perf. 10,680

County EDDY Pool GRAYBURG-ATOKA GAS

TOWNSHIP 17 *South*, RANGE 29 *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	
30	29	28	27	26	25	
31	32	33	34	35	36	

Proposed Pool Boundary colored in Red: NW/4 of Section 22

Case 1379: (D) Creation of a new pool

Disc. Well: Tidewater Oil Co. A. B. Coats "C" #8 in Unit B

Section 24-25-37 Comp in Drinkard 11/23/57 top perf. 5930

County LEA Pool JUSTIS DRINKARD

TOWNSHIP 25 *South*, RANGE 37 *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	
26	29	28	27	26	25	
31	32	33	34	35	36	

Proposed Pool Boundary colored in Red: NE/4 of Section 24

Case 1379: (E) Creation of a new pool

Disc. Well: Sinclair Oil & Gas Co. State Lea 840 #1 in Unit M
Section 1-11-34 Comp in Devonian 11/23/57 top perf. 13,115

County LEA Pool SAND SPRINGS DEVONIAN

TOWNSHIP 11 *South*, RANGE 34 *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	
30	29	28	27	26	25	
31	32	33	34	35	36	

Proposed Pool Boundary Colored in Red: SW/4 of Section 1

Case 1379. (F) Creation of a new pool

Disc. Well: El Paso Natural Gas Co. Welch #2 in Unit D of Section 21-26-27
Comp in Delaware 11/26/57 top perf. 2105

County EDDY Pool WELCH-DELAWARE

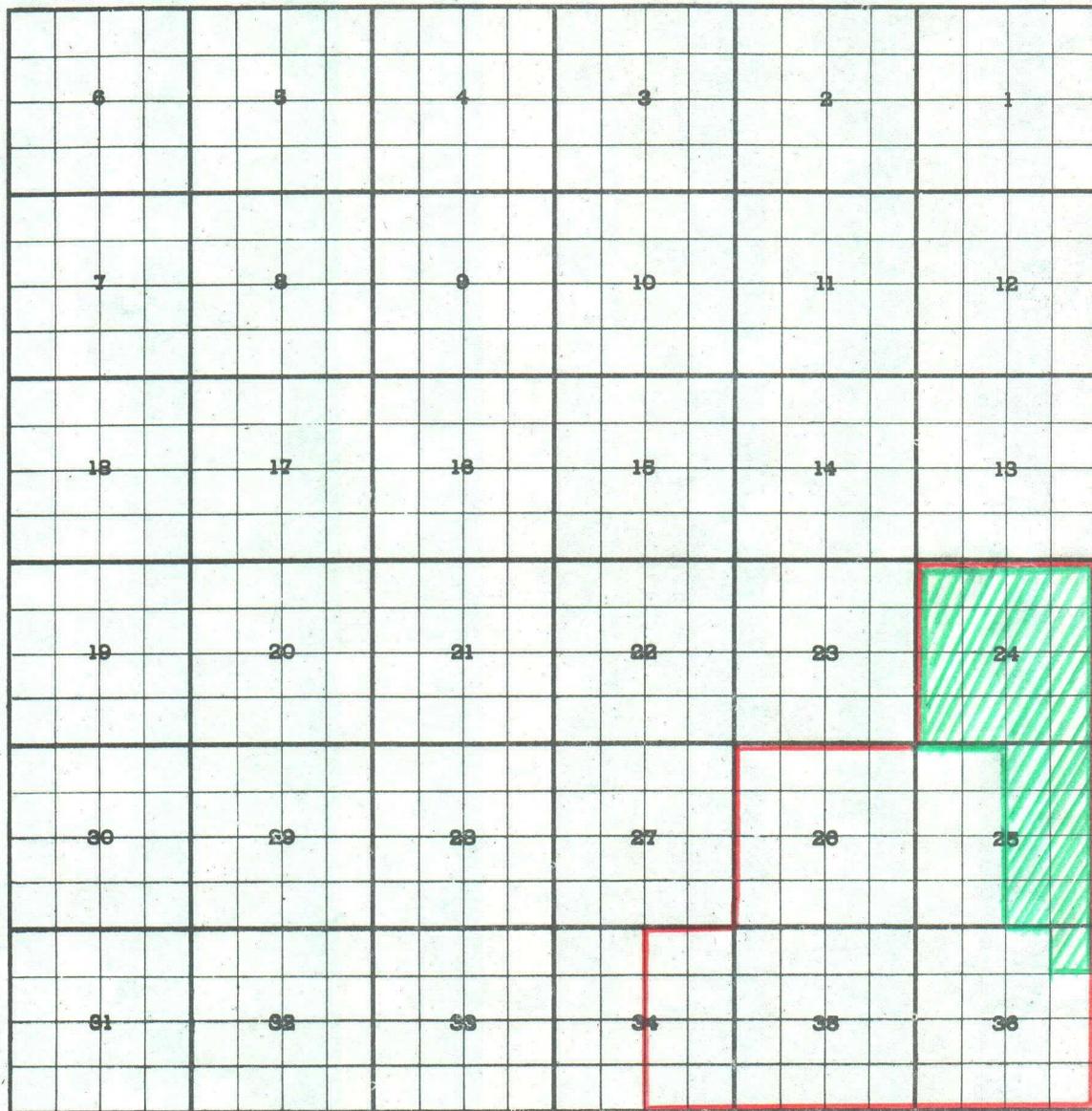
TOWNSHIP 26 *South*, RANGE 27 *East*, NEW MEXICO PRINCIPAL MERIDIAN

	6	5	4	3	2	1
	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 Pool Boundary Colored in Red: NW/4 of Section 21

County LEA Pool ARROWHEAD

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



Purpose: Portion deleted non-productive to Arrowhead Pool. Portion
deleted to be extended to Penrose Skelly

Pool Boundary Colored in Red

Proposed Deletion Colored in Green: All of Section 24

E/2 of Section 25

NE/4, NE/4 of Section 36

PART THIS UNADVERTISED

County LEA Pool PENROSE-SKELLY

0-5 Grayburg

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
	26	29	28	27	26	25
	31	32	33	34	35	36

Purpose: To extend the pool boundary for the inclusion of
 A portion of the area deleted from the Arrowhead pool and also
 for the inclusion of J. H. Moore Brownlee #1 in Unit M of Sec. 25-21-36
 Comp in Grayburg.

Pool Boundary colored in Red

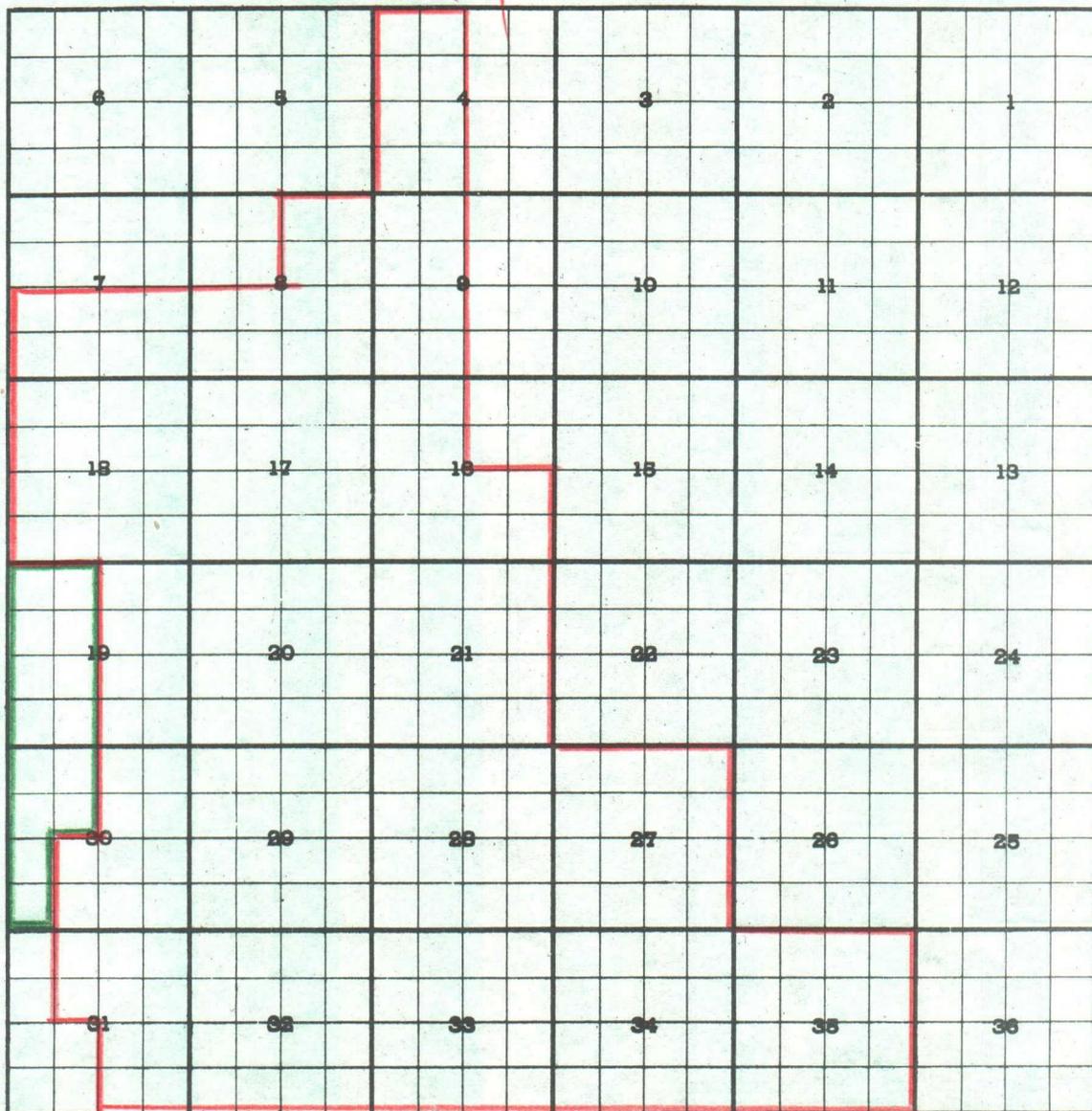
Proposed Extension Colored in Green : SE/4 of Section 24
SE/4 SE/4 of Section 25

UNADVERTISED: NE/4 of Section 24
NE/4 of Section 25
NE/4 SE/4 Section 25
~~SE/4 SE/4 Section 25~~

County LEA Pool PENROSE-SKELLY

0-5 Grayburg

TOWNSHIP 21 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Contiguous to Township 21 South, Range 36 East

Pool Boundary Colored in Red

Proposed Extension Colored in Green: SW/4 of Section 19

SW/4 SW/4 of Section 30

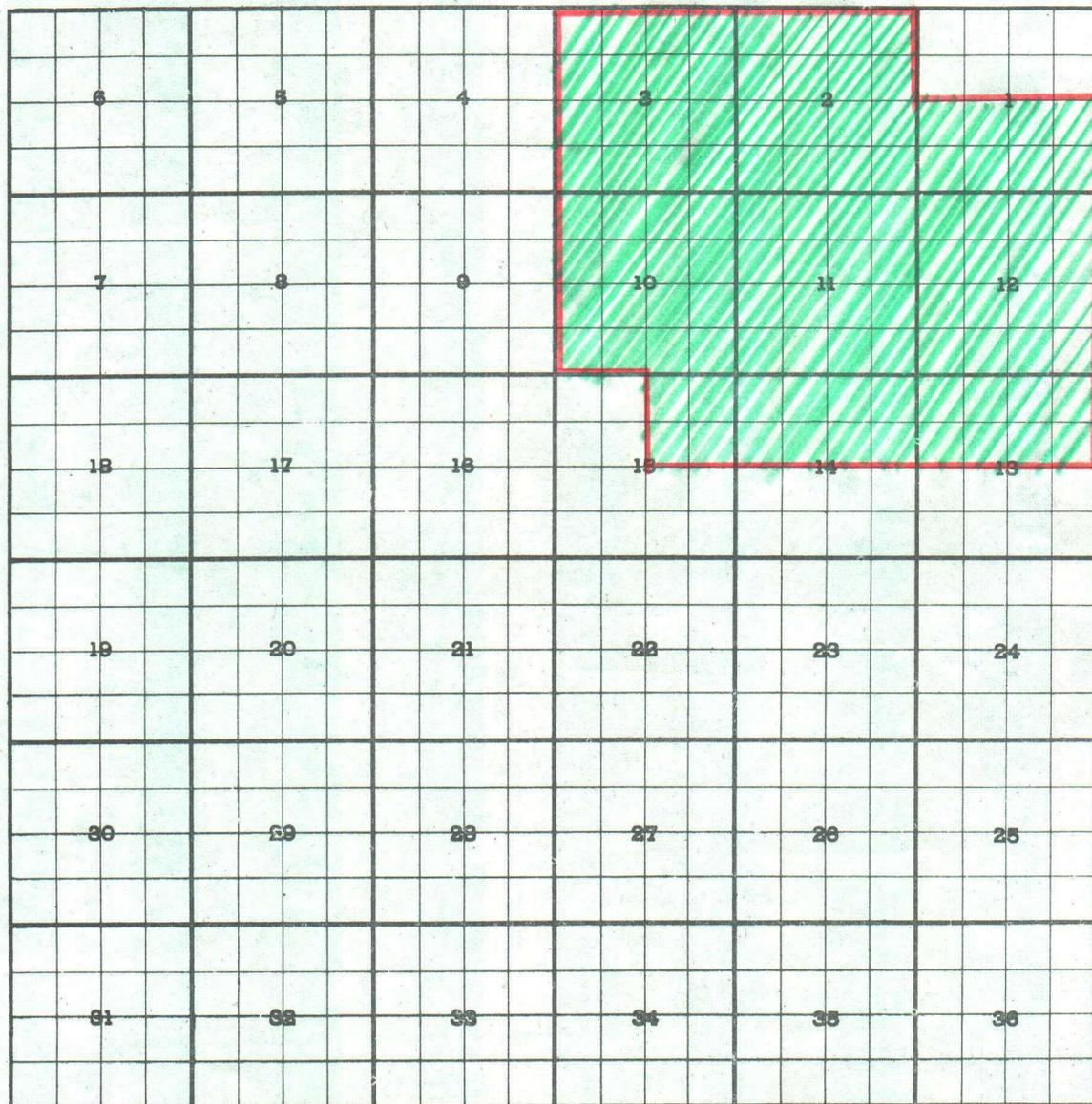
UNADVERTISED: NW/4 of Section 19

NW/4 of Section 30

NW/4 SW/4 of Section 30

County EDDY Pool ANDERSON

TOWNSHIP 17 *South*, RANGE 29 *East*, NEW MEXICO PRINCIPAL MERIDIAN



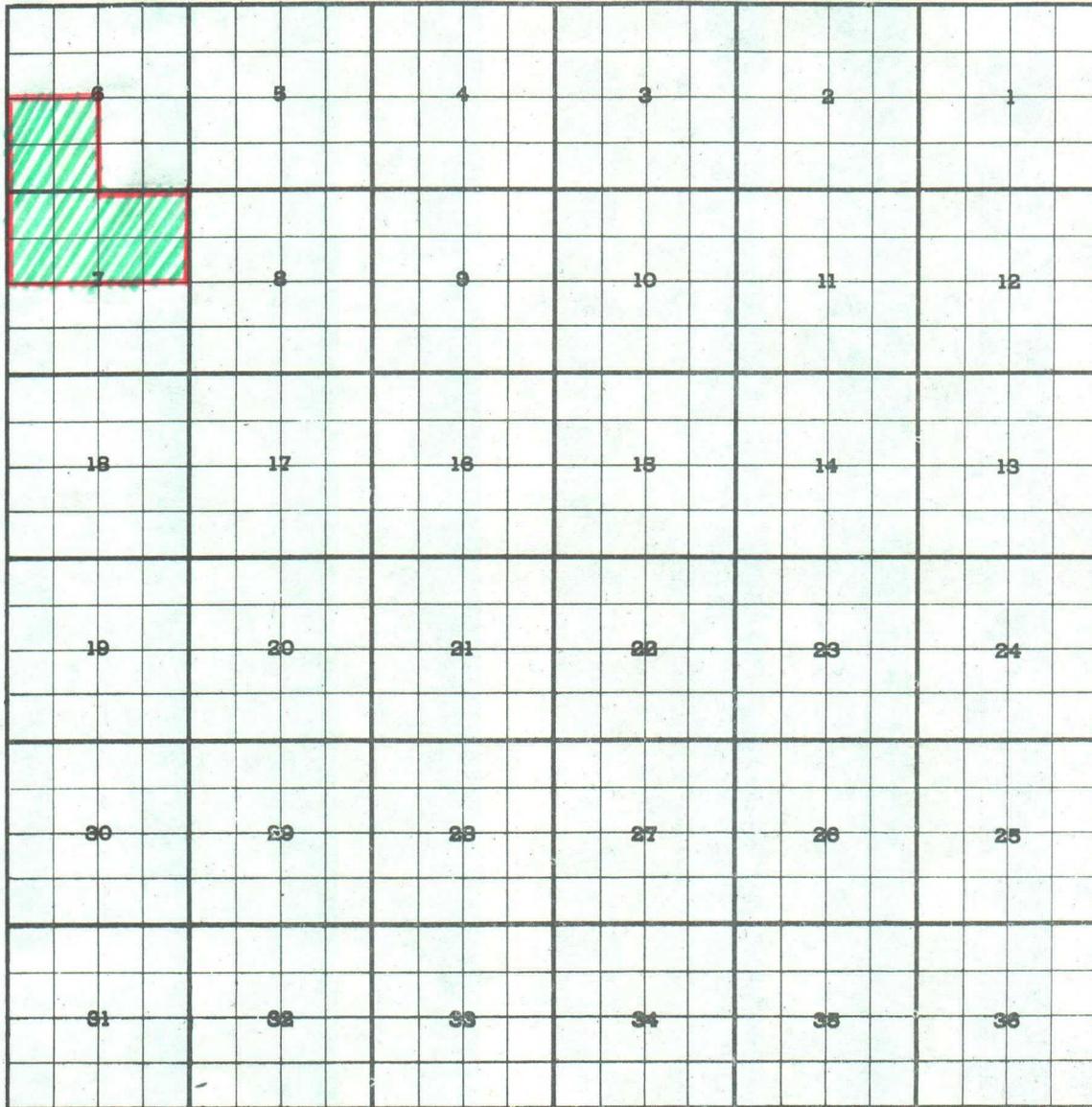
Purpose: Contiguous Horizontal and vertical limits between the Square Lake and Anderson Pools.

Pool Boundary Colored in Red:

Proposed Abolishment Colored in Green: S/2 of Section 1
All of Sections 2, 3, 10, 11, & 12
N/2 of Section 13
N/2 of Section 14
NE/4 of Section 15

County EDDY Pool ANDERSON

TOWNSHIP 17 *South*, RANGE 30 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Contiguous Horizontal and vertical limits between Square Lake
and Anderson Pools.

Pool Boundary Colored in Red

Proposed Abolishment Colored in Green: SW/4 of Section 6
N/2 of Section 7

County EDDY Pool Square Lake

0-5 Grayburg & San Andres

TOWNSHIP 16 South, RANGE 29 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	29	28	27	26	25	
31	32	33	34	35	36	

Purpose: Extend the Pool Boundary for the inclusion of

Neil E. Salsich Leonard State #2 in Unit N of Section 36-16-29

Comp. in Grayburg 11/26/57 top perf. 2506

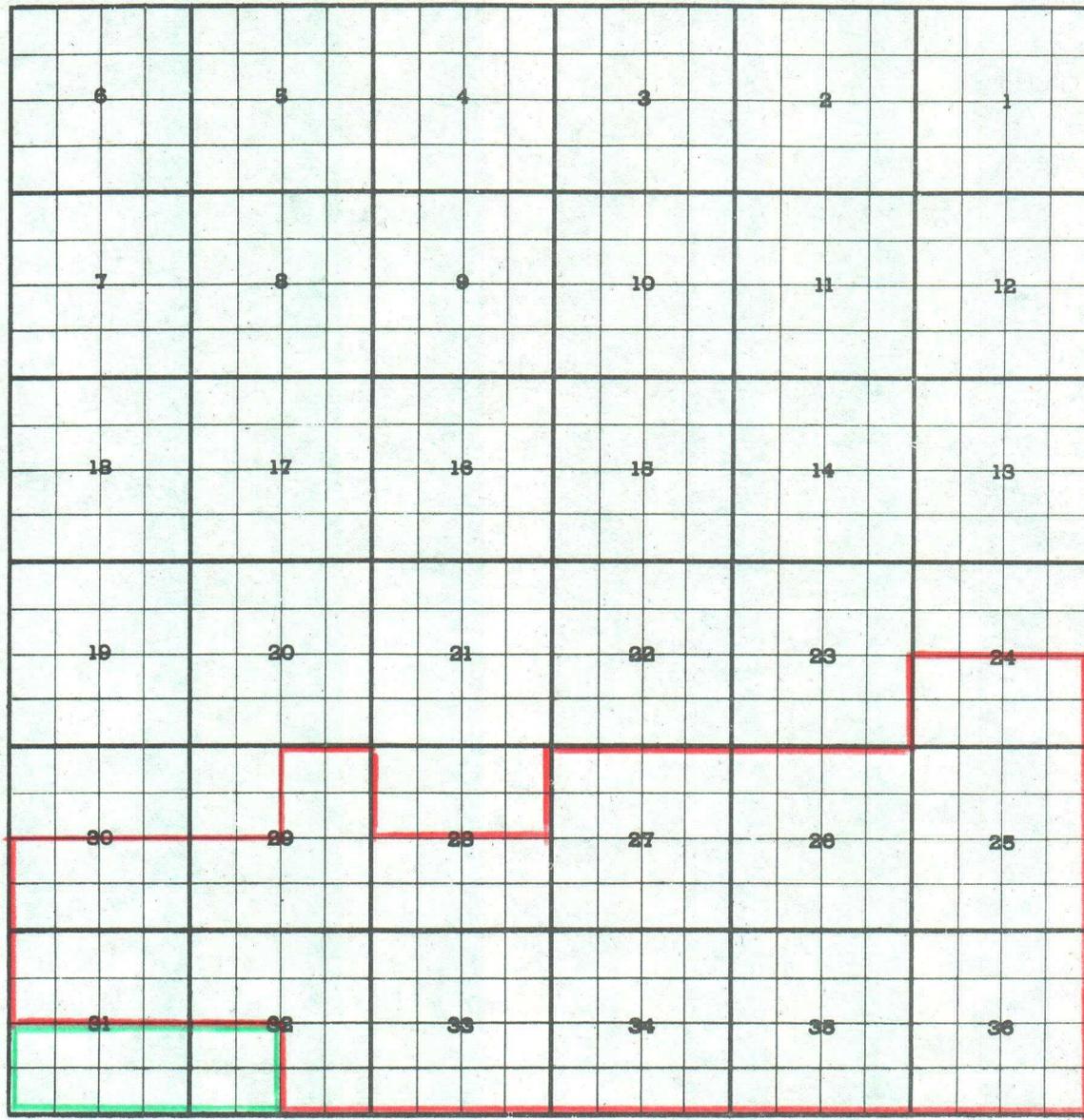
Pool Boundary Colored in Red

Proposed Extension Colored in Green: S/2 S/2 of Section 36

County EDDY Pool SQUARE LAKE

O-5 Grayburg & San Andres

TOWNSHIP 16 *South*, RANGE 30 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extension is due to the completion of five wells and is also
contiguous to Township 16 South, Range 29 East.

Pool Boundary Colored in Red

Proposed Extension Colored in Green: S/2 of Section 31
SW/4 of Section 32

County EDDY Pool SQUARE LAKE

0-5 Grayburg & San Andres

TOWNSHIP 17 South, RANGE 29 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	
30	29	28	27	26	25	
31	32	33	34	35	36	

Purpose: To include the area abolished from the Anderson Pool and also for the inclusion of the following completed wells.

O. H. Randel Federal Root #1-1 in Unit F of Section 1-17-29 Comp. 12/30/57 in Premier. top perf 2535.

O. H. Randel Federal Root #1-2 in Unit E of Section 1-17-29 Comp in Premier 1/20/58. Top perf 2502

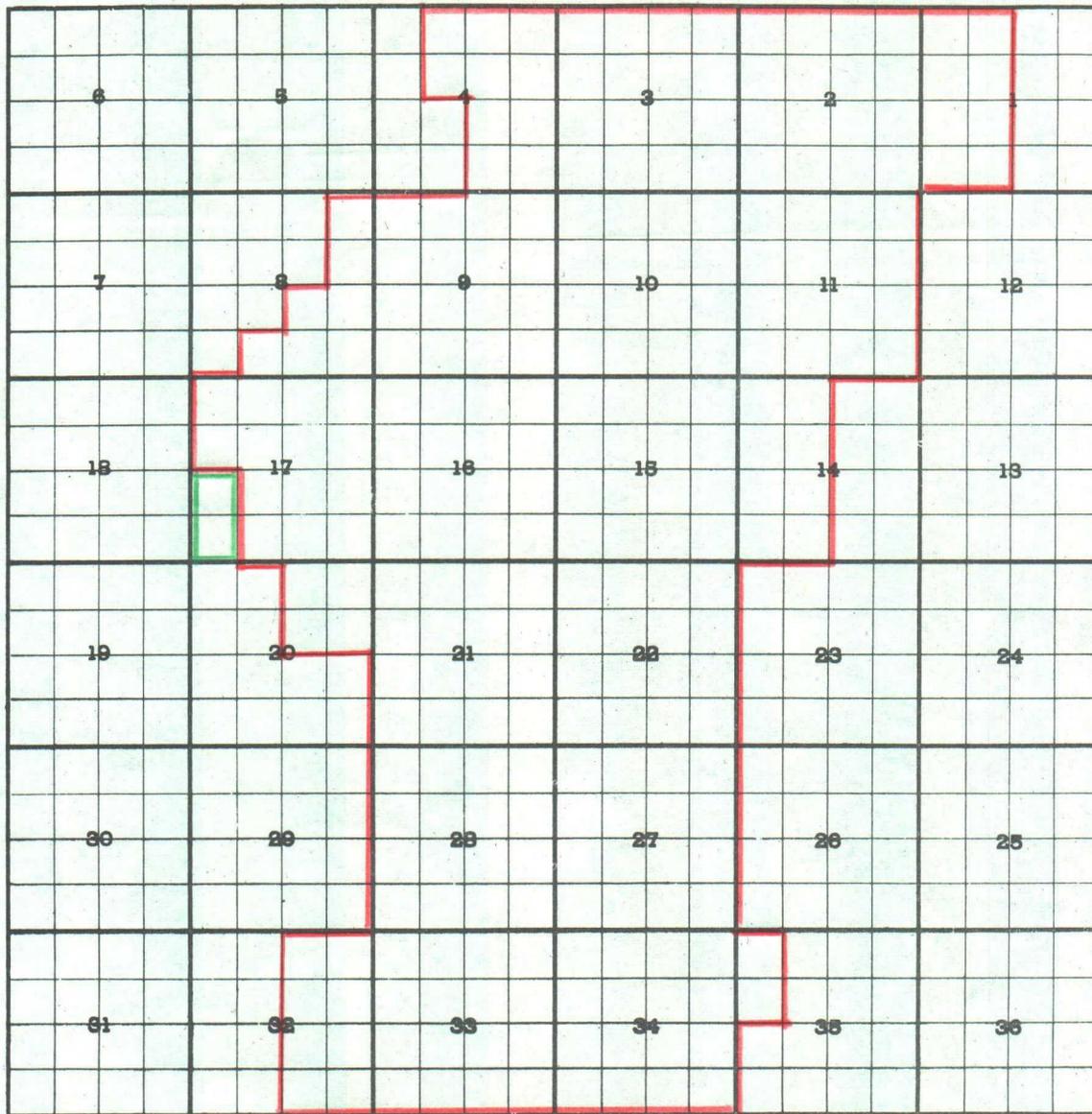
Neil E. Salsich Featherstone Fed. #1 in Unit C of Section 1-17-29 Comp in Grayburg 12/9/57 top perf 2528

Proposed Extension Colored in Green: All of Sections 1,2,3,10, 11, & 12
 N/2 of Section 13
 N/2 of Section 14
 NE/4 of Section 15

County CHAVES Pool CAPROCK-QUEEN

0-5 Queen

TOWNSHIP 14 *South*, RANGE 31 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of

A. C. Holder & W. G. Ross Phillips Cleat Fed. #2 in Unit L of

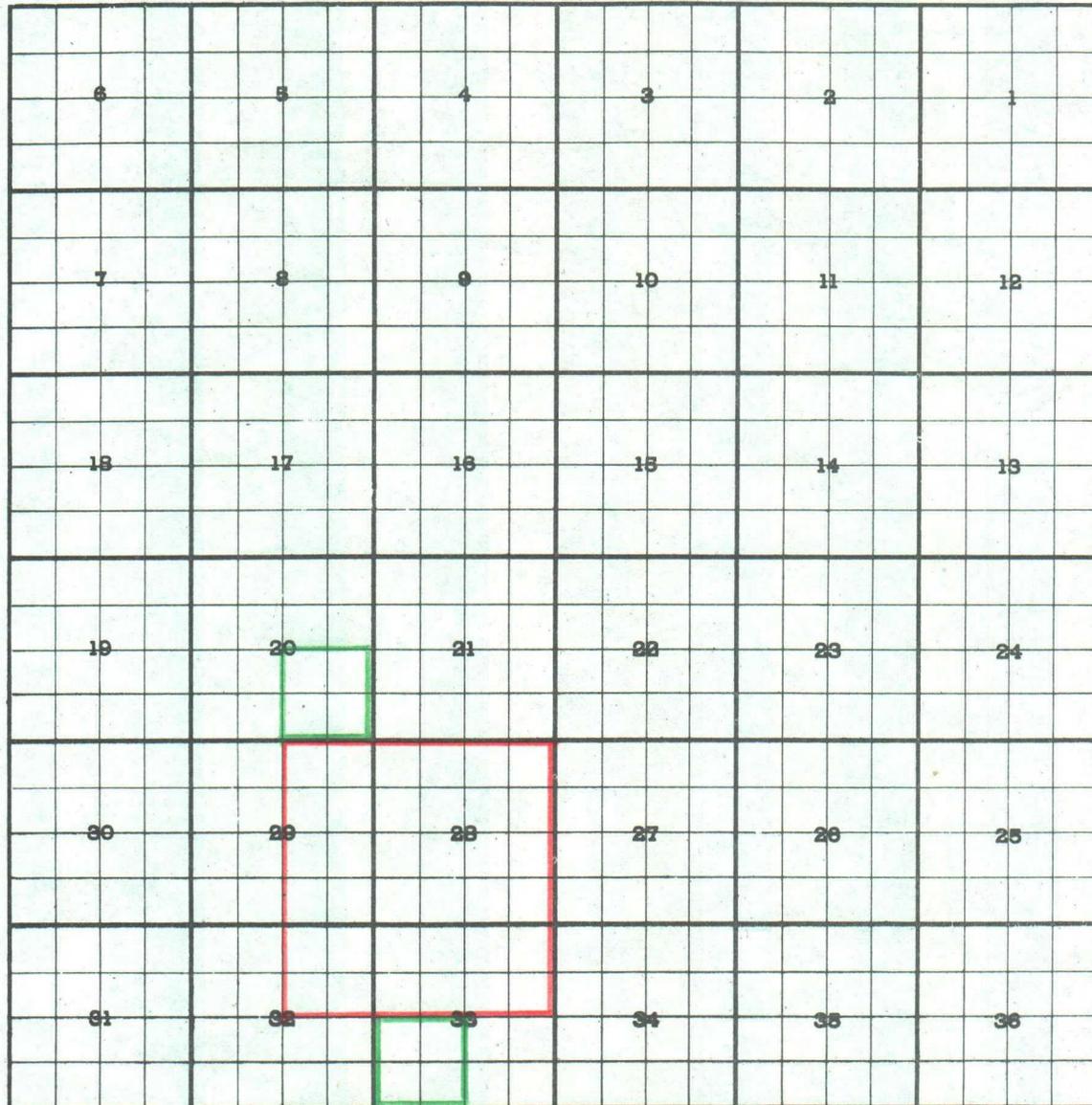
Section 17-14-31 Comp in Queen 12/17/57
top perf. 2671

Pool Boundary Colored in Red

Proposed extension Colored in Green: W/2 SW/4 of Section 17

County LEA Pool CROSBY DEVONIAN GAS

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



Purpose: Extend the pool boundary for the inclusion of

Sun Oil Company B. T. Lanehare #3 in Unit P of Sec. 20-25-37
Comp in Devonian 8/14/57 top perf. 8782

UNADVERTISED El Paso Natural Gas Co. Gregory Federal #4 in Unit K
of Sec. 33-25-37. top perf 8316

Pool boundary colored in Red

Proposed Extension Colored in Green: SE/4 of Section 20

UNADVERTISED: SW/4 of Section 33

County EDDY Pool DOS HERMANOS-YATES-SEVEN RIVERS

0-5 Yates & Seven Rivers

TOWNSHIP 20 *South*, RANGE 30 *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	28	27	26	25	
31	32	33	34	35	36	

Purpose: Extend the pool boundary for the inclusion of

John H. Trigg Federal "M" #3-28 in unit X of Sec. 28-20-30
Comp in Yates 1/8/57 top perf 1606

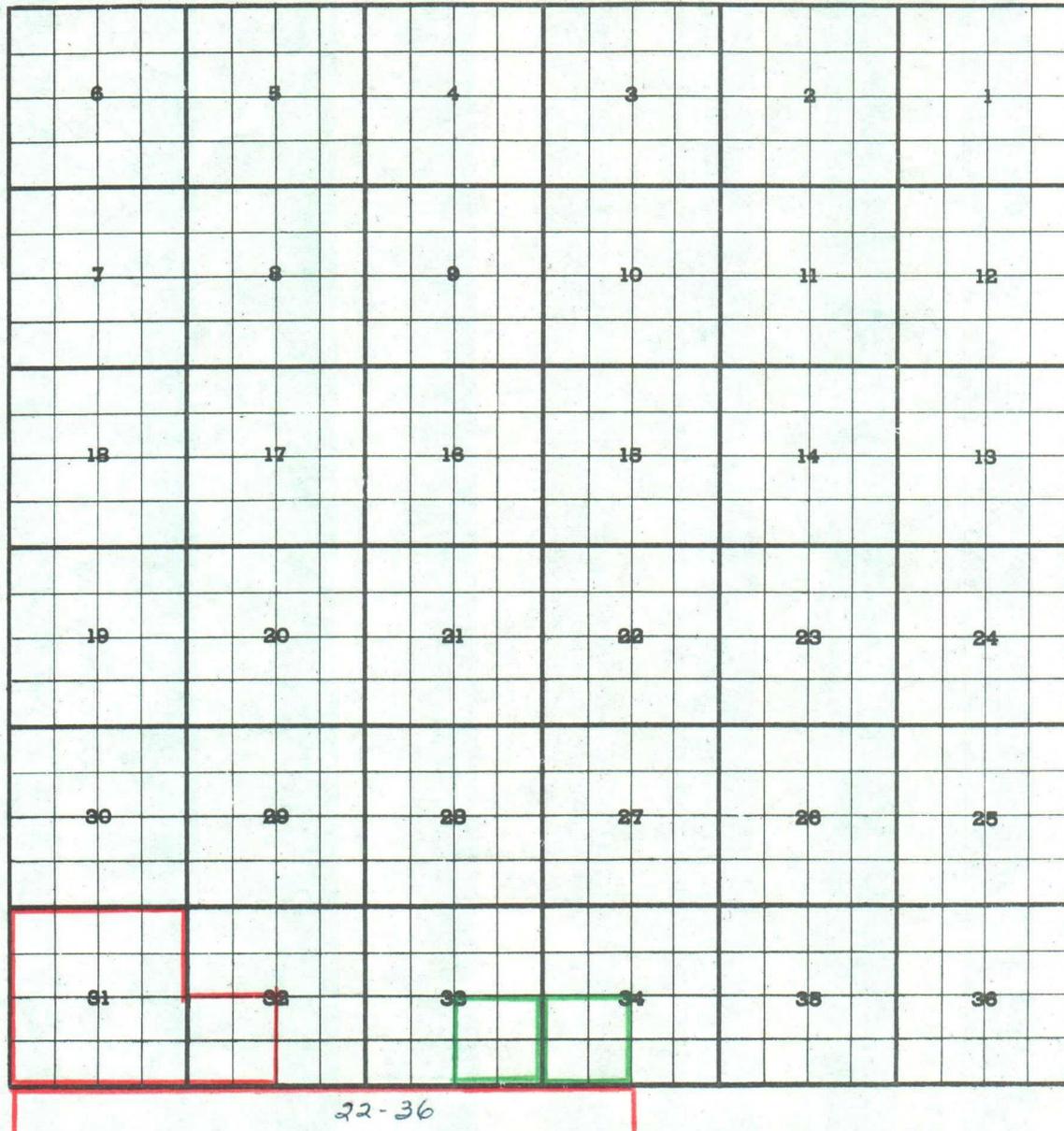
Pool boundary colored in Red

Proposed Extension Colored in Green: S/2 SE/4 of Section 28

County LEA Pool SOUTH EUNICE

0-5 Seven Rivers

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



Purpose: Extend the pool boundary for the inclusion of

Gulf Oil Corp. W. A. Ramsay "A" #34 in Unit K of Sec. 34-21-36
 Comp in Queen 11/1/57 top perf. 3753

Gulf Oil Corp. W. A. Ramsay "A" #36 in Unit N of Sec. 34-21-36
 Comp in Queen 1/1/58 top perf 3750

UNADVERTISED Gulf Oil Corp. Arnott Ramsay D #10 in Unit O of Sec. 33-21-36
 Comp in Queen 1/1/58 top perf. 3764

Pool Boundary Colored in Red.

Proposed Extension colored in Green: SW/4 of Section 34
UNADVERTISED SE/4 of Section 33

County LEA Pool FOUR LAKES-DEVONIAN

12-13 Devonian

TOWNSHIP 11 *South*, RANGE 34 *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

12-34

Purpose: Contiguous to Township 12 South, Range 34 East, and for the inclusion of-

Humble Oil & Rfg. Co. South Four Lakes Unit #1 in Unit 0 of Sec. 35-11-34
Comp in Devonian 2/15/57 top perf 12,857

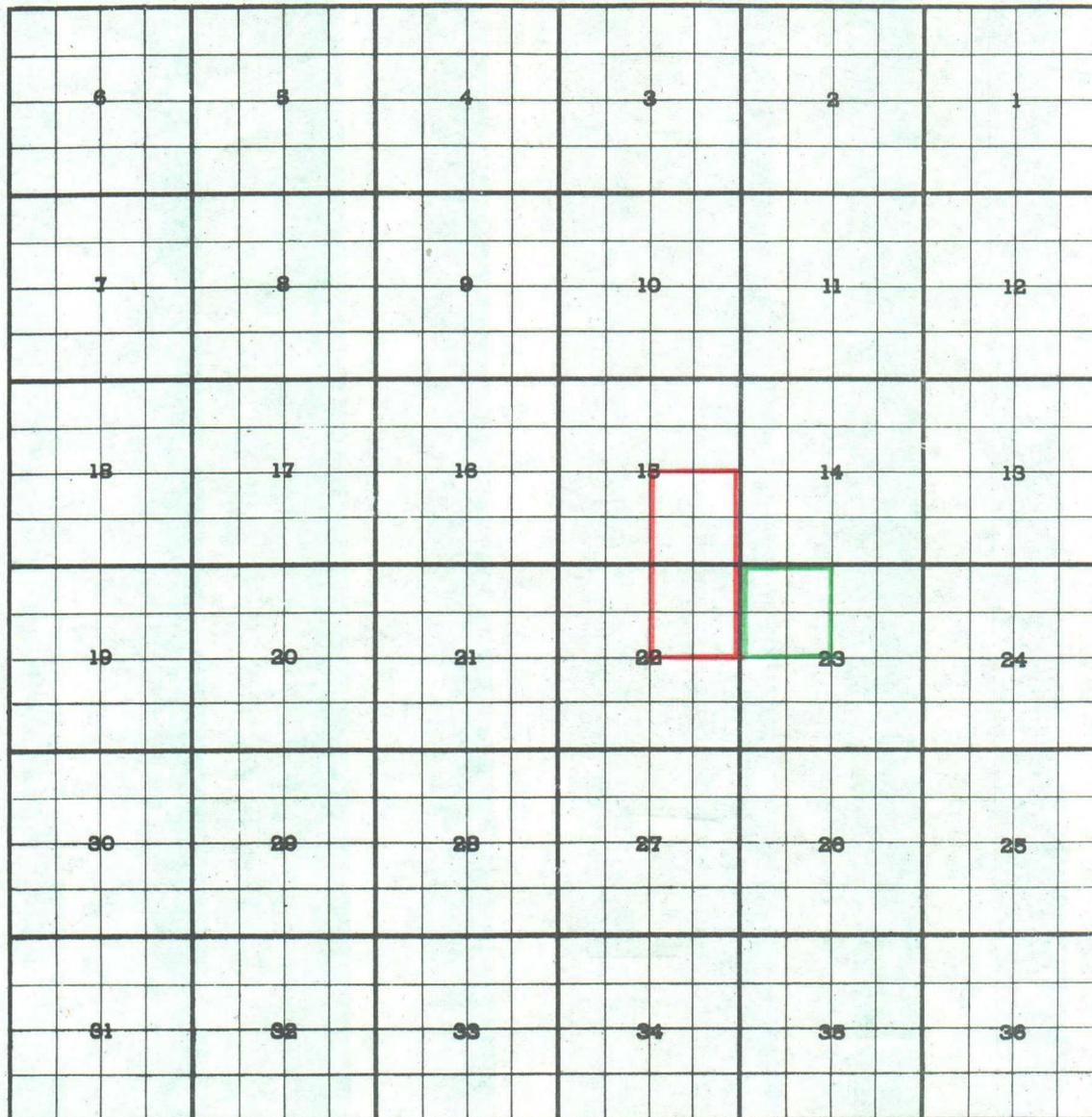
Pool boundary colored in Red

Proposed extension colored in Green: SE/4 of Section 35

County EDDY Pool WEST LUSK

0-5 Yates

TOWNSHIP 19 *South*, RANGE 31 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Three States Natural Gas Co. Angle & Welch #2-23 in Unit F of

Sec. 23-19-31 Comp in Yates 11/5/57
top perf. 2417

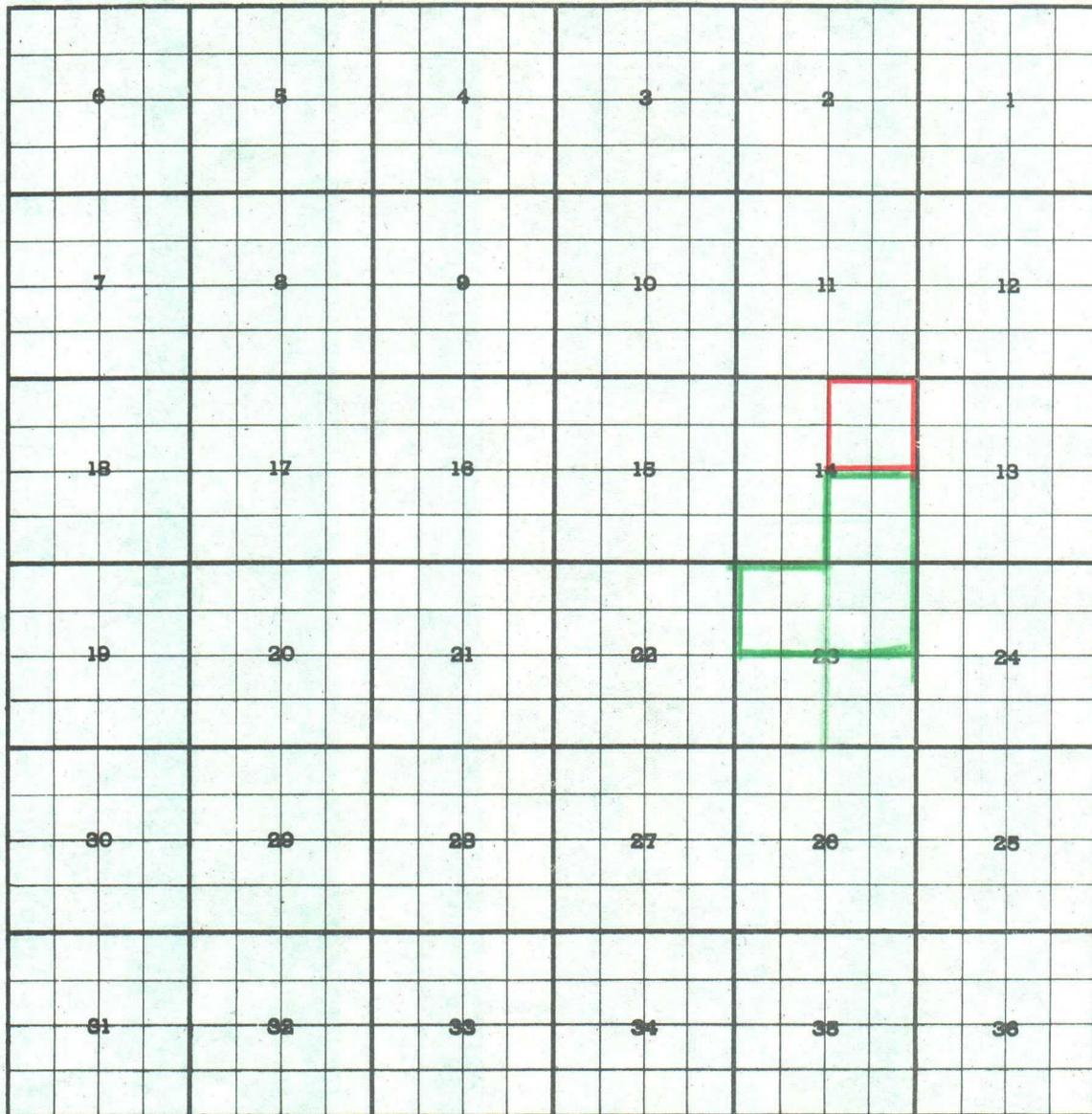
Pool Boundary Colored in Red

Proposed Extension Colored in Green: NW/4 of Section 23

County LEA Pool REEVES PENNSYLVANIAN

10-11 Pennsylvanian

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



Purpose: Extend the pool boundary for the inclusion of _____

John H. Trigg Federal J. Lea #1-14 in Unit I of Sec. 14-18-35
Comp in Pennsylvanian 12/8/57 top perf. 10,906

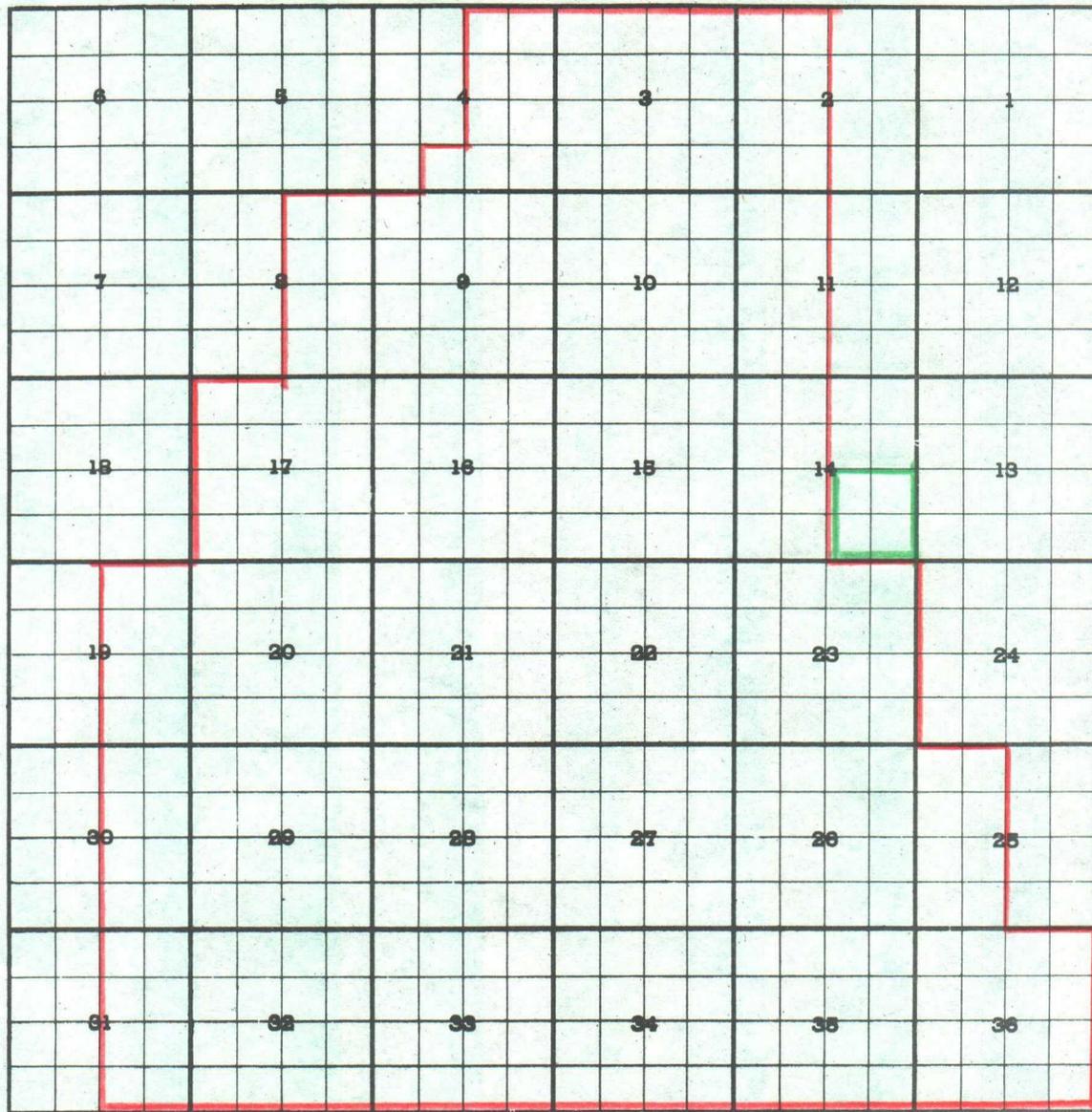
C. W. Trainer Reeves #1 in Unit F of Sec. 23-18-35 Comp in Penn-
sylvanian 9/7/57 top perf. 10,096

Pool Boundary Colored in Red _____

Proposed Extension Colored in Green: SE/4 of Section 14
N/2 of Section 23

County LEA Pool TUBB GAS

TOWNSHIP 21 *South*, RANGE 37 *East*, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Gulf Oil Corp. Naomi Keenum #2 in Unit O of Sec. 14-21-37
Comp in Tubb 11/20/57 top perf 6110

Pool Boundary Colored in Red

Proposed Extension Colored in Green: SE/4 of Section 14