

Case No.

1338

Application, Transcript,
Small Exhibits, Etc.

CASE 1338: SOUTHEASTERN NEW MEXICO
NOMENCLATURE

BEFORE THE
OIL CONSERVATION COMMISSION
November 14, 1957

IN THE MATTER OF:

CASE NO. 1338

TRANSCRIPT OF PROCEEDINGS

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

BEFORE THE
OIL CONSERVATION COMMISSION
November 14, 1957

IN THE MATTER OF:

Southeastern New Mexico nomenclature case calling for an order for the creation of new pools and the extension of existing pools in Lea and Eddy Counties, New Mexico.

- (a) Create a new oil pool for Yates production, designated as the South Lusk Pool and described as:

Township 19 South, Range 32 East
SW/4 of Section 29

- (b) Create a new oil pool for Siluro-Devonian production, designated as the Shugart Siluro-Devonian Pool and described as:

Township 18 South, Range 31 East
SE/4 of Section 27

- (c) Extend the Crossroads Slaughter Pool to include:

Township 9 South, Range 36 East
W/2 W/2 of Section 29

- (d) Extend the Drinkard Pool to include:

Township 22 South, Range 37 East
W/2 NE/4 of Section 27

- (e) Extend the Eumont Gas Pool to include:

Township 20 South, Range 37 East
S/2 NE/4 of Section 12
SW/4 of Section 24

- (f) Extend the North Gladiola-Devonian Pool to include:

Township 12 South, Range 38 East
NE/4 & N/2 SW/4 of Section 8

- (g) Extend the West Henshaw-Grayburg Pool to include:

Township 16 South, Range 30 East
E/2 of Section 18
N/2 NE/4 of Section 19

- (h) Extend the Justis Ellenburger Pool to include:

Township 25 South, Range 37 East
SE/4 of Section 13
NW/4 of Section 24

- (i) Extend the Maljamar Pool to include:

Township 17 South, Range 33 East
N/2 of Section 17
S/2 SW/4 of Section 34

- (j) Extend the Pearl Queen Pool to include:

Township 19 South, Range 35 East
W/2 & S/2 SE/4 of Section 27

- (k) Extend the San Simon Pool to include:

Township 21 South, Range 35 East
S/2 SE/4 of Section 29
NE/4 of Section 32

- (l) Extend the Shugart Pool to include:

Township 18 South, Range 31 East
N/2 SW/4 of Section 26

- (m) Extend the Square Lake Pool to include:

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

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

Township 16 South, Range 36 East
Lots 12 & 13 of Section 6

BEFORE:

Honorable Edwin L. Mechem
Mr. A. L. Porter
Mr. Murray Morgan

TRANSCRIPT OF PROCEEDINGS

MR. PORTER: The meeting will come to order, please.

(Witness sworn.)

RANDALL MONTGOMERY

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

DIRECT EXAMINATION

BY: MR. COOLEY:

Q State your name and position, please.

A Randall Montgomery, proration manager for the New Mexico Oil Conservation Commission.

Q Mr. Montgomery, in your official capacity for the New Mexico Oil Conservation Commission, have you had an opportunity to make a study for the creation of new pools and extension of existing pools in Lea and Eddy County, New Mexico?

A I have.

Q Do you have any recommendations concerning the creation of a new oil pool for Yates production in Township 19 South, Range 32 East?

A I have. I recommend that be created as advertised, being the SW/4 of Section 29, Township 19 South, Range 32 East. The

discovery well in this field was the Texas Company Bowman Federal No. 1 in Unit N of Section 29, completed in the Yates on 9/21/57. Top of perforation, 2628.

Q What do you recommend as the vertical limits of the proposed South Lusk Pool?

A Yates Formation.

Q Do you have any recommendations concerning the creation of a new gas pool for Siluro-Devonian production?

A I do. However, due to an error, an inadvertent error in advertising, -- we advertised it as an oil pool, and it should have been a gas pool-- it is my recommendation that that portion of the case be readvertised.

MR. NUTTER: Do you recommend that that be dismissed, Mr. Montgomery?

A I do.

Q Do you have any recommendations concerning the extension of the Crossroads Slaughter Pool?

A I have. I recommend that the Crossroads Slaughter pool be extended as advertised, and also an unadvertised portion, being the S/2 SW/4 of Section 20, Township 9 South, Range 36 East.

Q What are your recommendations concerning the Drinkard Pool?

A That that pool be extended as advertised.

Q What are your recommendations concerning the Eumont Gas

Pool?

A That that pool be extended as advertised.

Q Do you have any recommendations concerning the North
Gladiola-Devonian Pool?

A I recommend that that pool be extended as advertised.

Q What are your recommendations concerning the West
Henshaw-Grayburg Pool?

A I recommend that that pool be extended as advertised.

Q Do you have any recommendations concerning the Justis
Ellenburger Pool?

A I recommend that pool be extended as advertised.

Q What are your recommendations concerning the extension
of the Maljamar pool?

A That that pool be extended as advertised.

Q Do you have any recommendations concerning the extension
of the Pearl Queen Pool?

A I recommend that pool be extended as advertised.

Q What are your recommendations concerning the San Simon
Pool?

A I recommend that pool be extended as advertised.

Q Do you have any recommendations concerning the Shugart
Pool?

A That that pool be extended as advertised.

Q What are your recommendations concerning the Square Lake
Pool?

A I recommend that pool be extended as advertised.

Q What are your recommendations concerning the Townsend-Wolfcamp Pool?

A That that pool be extended as advertised.

Q Do you have any further recommendations in this hearing?

A No, I do not.

Q Have you prepared an exhibit to substantiate your recommendations in this case?

A I have. They have been marked A through N, with exception of B, which I recommended that portion be dismissed.

MR. COOLEY: I move at this time admission of Exhibits A and C through N.

MR. PORTER: Without objection, they will be admitted. Anyone else have any questions of the witness? If not, the witness may be excused.

(Witness excused.)

MR. PORTER: We will take the case under advisement and take up next Case 1339.

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

I, J. A. Trujillo, Court Reporter, 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 by me, and the same is a true and correct record to the best of my knowledge, skill and ability.

Witness my Hand and Seal, this 6th day of December, 1957, in the City of Albuquerque, County of Bernalillo, State of New Mexico.

J. A. Trujillo
J. A. TRUJILLO

My Commission Expires:

October 5, 1960

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. 1338
Order No. R-1089

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on November 14, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 27th day of November, 1957, the Commission, a quorum being present, having considered the testimony presented and the exhibits received, 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 Yates formation, said pool to bear the designation South Lusk Pool. Said South Lusk Pool was discovered by the The Texas Company Bowman Federal No. 1, located in the SE/4 SW/4 Section 29, Township 19 South, Range 32 East, NMPM. It was completed September 27, 1957. The top of the perforations is at 2,628 feet.

(3) That the proposed creation of a new pool in Eddy County, New Mexico, for the production of oil from the Siluro-Devonian formation, advertised as the Shugart Siluro-Devonian Pool should be dismissed for readvertisement.

(4) That there is need for certain extensions to the Crossroads Slaughter Pool, the Drinkard Pool, the Eumont Gas Pool, the North Gladiola-Devonian Pool, the Justis-Ellenburger Pool, the Pearl-Queen Pool, the San Simon Pool, and the Townsend-Wolfcamp Pool, all in Lea County, New Mexico, to the West Henshaw-Grayburg Pool, the Shugart Pool, and the Square Lake Pool, all in Eddy County, New Mexico, and to the Maljamar Pool in Lea and Eddy Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 29: SW/4

(b) That the proposed creation of a new pool in Eddy County, New Mexico, for the production of oil from the Siluro-Devonian formation, advertised as the Shugart Siluro-Devonian Pool, be and the same is hereby dismissed.

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

TOWNSHIP 9 SOUTH, RANGE 36 EAST, NMPM
Section 20: S/2 SW/4
Section 29: W/2 W/2

(d) That the Drinkard 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 27: W/2 NE/4

(e) That the Eumont Gas 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 37 EAST, NMPM
Section 12: S/2 NE/4
Section 24: SW/4

(f) That the North Gladiola-Devonian 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 38 EAST, NMPM
Section 8: NE/4 & N/2 SW/4

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

TOWNSHIP 16 SOUTH, RANGE 30 EAST, NMPM
Section 18: E/2
Section 19: N/2 NE/4

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Case No. 1338
Order No. R-1089

(h) That the Justis-Ellenburger 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 37 EAST, NMPM
Section 13: SE/4
Section 24: NW/4

(i) That the Maljamar Pool in Lea and Eddy Counties, 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 17: N/2
Section 34: S/2 SW/4

(j) 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 19 SOUTH, RANGE 35 EAST, NMPM
Section 27: W/2 & S/2 SE/4

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

TOWNSHIP 21 SOUTH, RANGE 35 EAST, NMPM
Section 29: S/2 SE/4
Section 32: NE/4

(l) That the Shugart 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 31 EAST, NMPM
Section 28: N/2 SW/4

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

TOWNSHIP 16 SOUTH, RANGE 29 EAST, NMPM
Section 36: W/2 S/2

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM
Lots 12 & 13 of Section 6

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Case No. 1338
Order No. R-1089

IT IS FURTHER ORDERED:

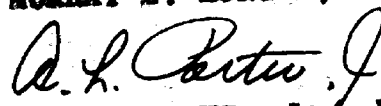
That the effective date of this order and of all of the creations and extensions included herein shall be December 1, 1957.

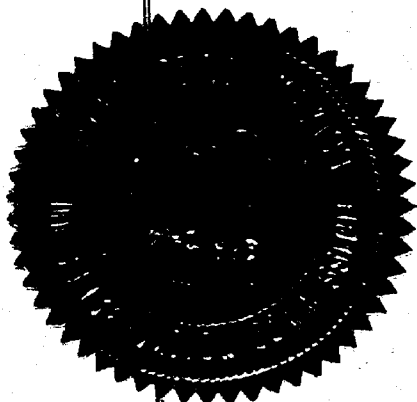
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


EDWIN L. MECHEM, Chairman


MURRAY E. MORGAN, Member


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



1r/

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 and extension of existing pools in Lea 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.

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Yates production, designated as the South Lusk Pool and described as:

Township 19 South, Range 32 East
SW/4 of Section 29

and such other, etc.

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

Township 18 South, Range 31 East
SE/4 of Section 27

and such other, etc.

(c) Extend the Crossroads Slaughter Pool Boundary in Lea County, New Mexico, to include therein:

Township 9 South, Range 36 East
W/2 W/2 of Section 29

and such other, etc.

(d) Extend the Drinkard Pool Boundary in Lea County, New Mexico, to include therein:

Township 22 South, Range 37 East
W/2 NE/4 of Section 27

and such other, etc.

(e) Extend the Eumont Gas Pool Boundary in Lea County, New Mexico, to include therein:

Township 20 South, Range 37 East
S/2 NE/4 of Section 12
SW/4 of Section 24

and such other, etc.

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OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

(f) Extend the North Gladiola-Devonian Pool Boundary in Lea County, New Mexico, to include therein:

Township 12 South, Range 38 East
NE/4 & N/2 SW/4 of Section 8

and such other, etc.

(g) Extend the West Henshaw-Grayburg Pool Boundary in Eddy County, New Mexico, to include therein:

Township 16 South, Range 30 East
E/2 of Section 18
N/2 NE/4 of Section 19

and such other, etc.

(h) Extend the Gustis Ellenburger Pool Boundary in Lea County, New Mexico, to include therein:

Township 25 South, Range 37 East
SE/4 of Section 13
NW/4 of Section 24

and such other, etc.

(i) Extend the Maljamar Pool Boundary in Lea County, New Mexico, to include therein:

Township 17 South, Range 33 East
N/2 of Section 17
S/2 SW/4 of Section 34

and such other, etc.

(j) Extend the Pearl Queen Pool Boundary in Lea County, New Mexico, to include therein:

Township 19 South, Range 35 East
W/2 & S/2 SE/4 of Section 27

and such other, etc.

(k) Extend the San Simon Pool Boundary in Lea County, New Mexico, to include therein:

Township 21 South, Range 35 East
S/2 SE/4 of Section 29
NE/4 of Section 32

and such other, etc.

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OIL CONSERVATION COMMISSION

HOBBS, NEW MEXICO

(1) Extend the Shugart Pool boundary in Eddy County, New Mexico, to include therein:

Township 18 South, Range 31 East
N/2 S/4 of Section 26

and such other, etc.

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

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

and such other, etc.

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

Township 16 South, Range 36 East
Lots 12 & 13 of Section 6

and such other, etc.

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Case 1338: (A) Creation of a new pool

County LEA Pool SOUTH LUSK
O-5 YATES

TOWNSHIP 19 South, RANGE 32 East, NEW MEXICO PRINCIPAL MERIDIAN

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	37	38	39

Purpose: Create a new pool for the inclusion of-

The Texas Company Bowman Federal #1 in Unit N of Sec. 29-19-32

Comp in Yates 9/27/57 top perf. 2628

Proposed Pool Boundary colored in red: SW/4 of Section 29

PART THIS UNADVERTISED

Poe CROSSROADS SLAUGHTER

[illegible]

Magnolia Pet. Co. Santa Fe D #2 in Unit D of Sec. 29-9-36

Comp in San Andres 8/20/57 top perf 4810'

of Sec. 20-9-36 Comp in San Andres 10/24/57 top perf. 4860'

Proposed Extension Colored in Green: W/2 W/2 of Section 29

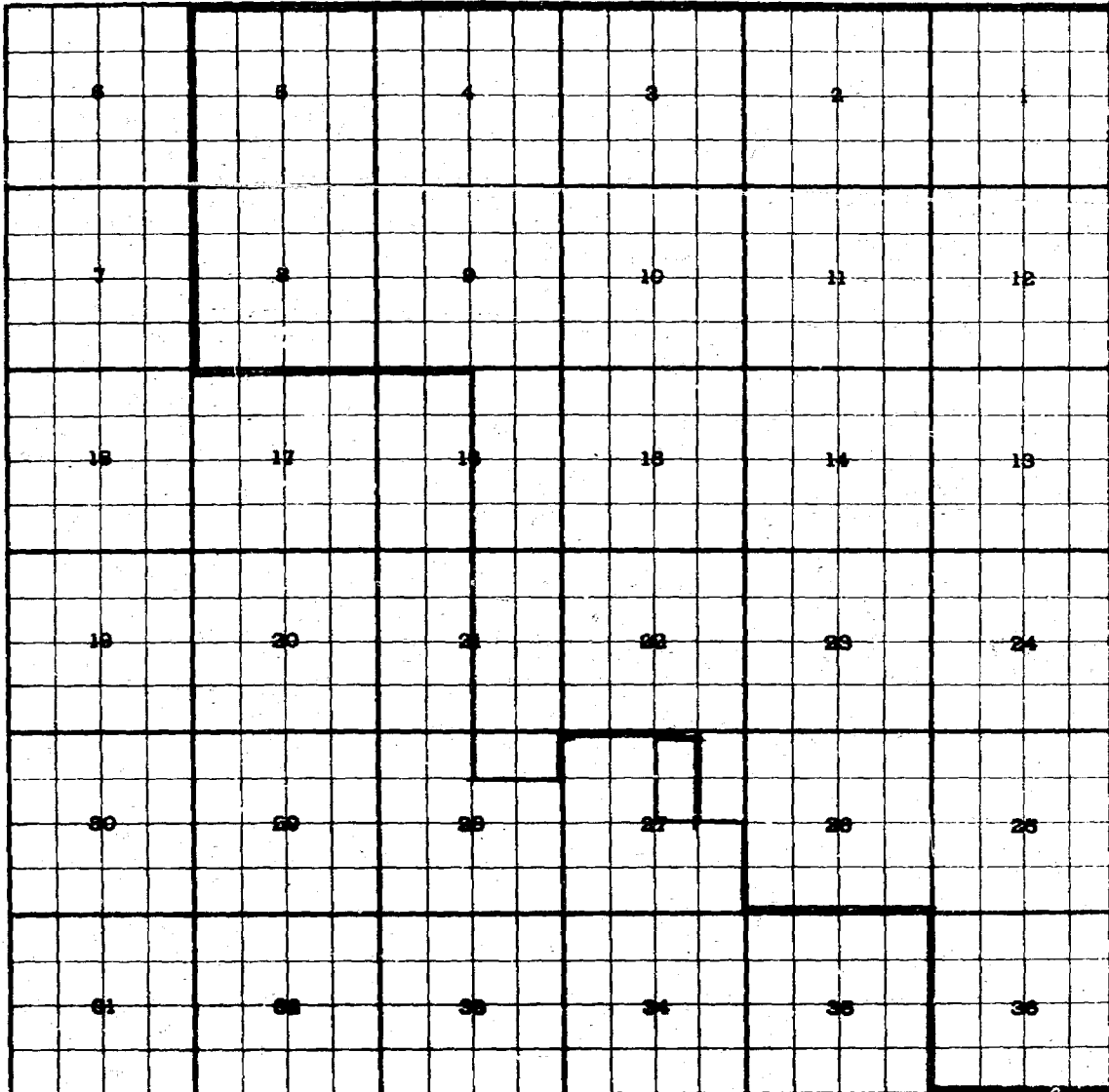
UNADVERTISED: S/2 SW/4 of Section 20

Case 1338: (D) Extension of an existing pool

County LEA Pool DRINKARD

6-7 Drinkard

TOWNSHIP 22 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Skelly Oil Co. J. V. Baker #11 in Unit B of Sec. 27-22-37

Comp in Drinkard 8/20/57 top perf 6410'

Pool Boundary Colored in Red

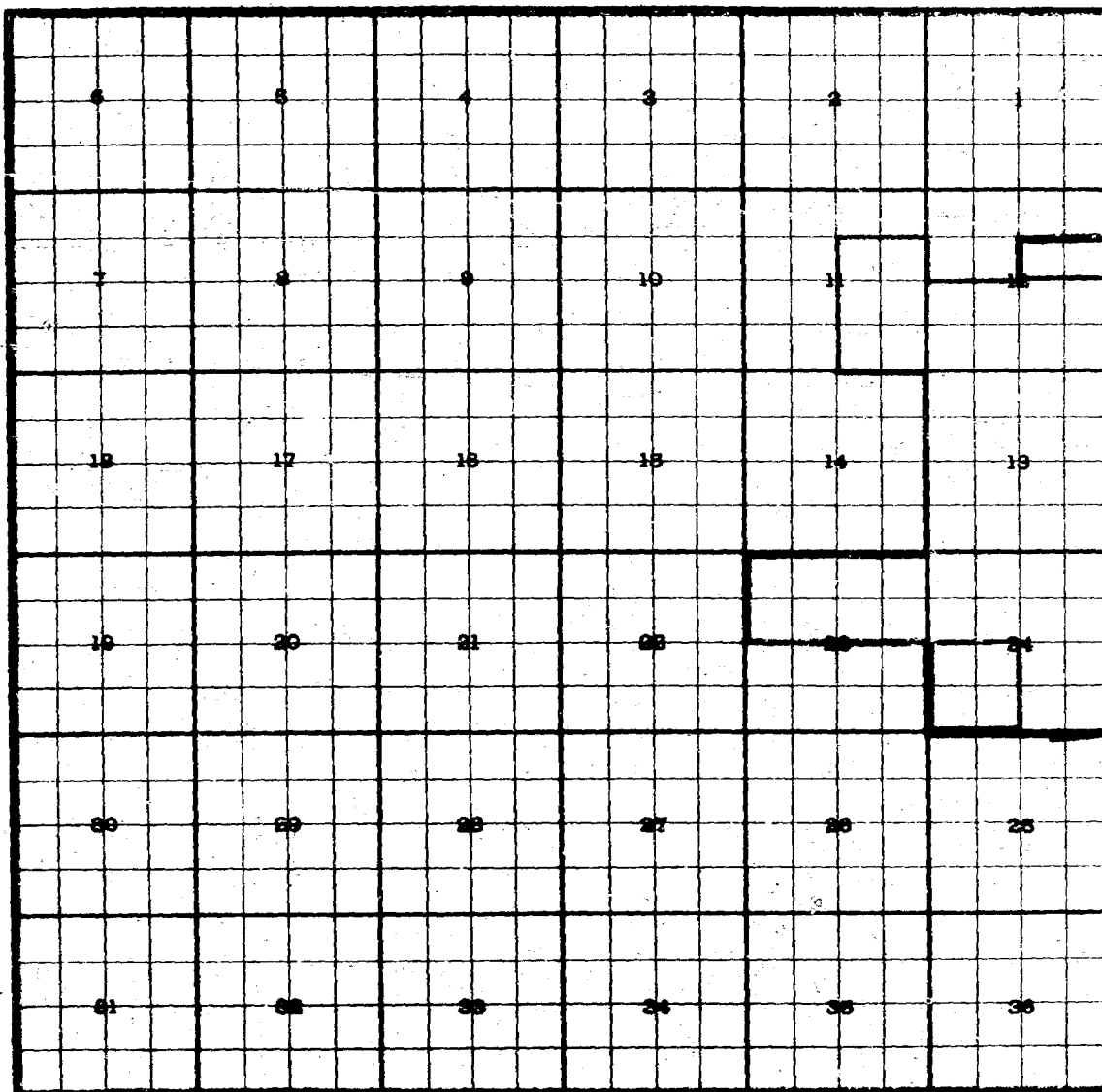
Proposed Extension Colored in Green: W/2 NE/4 of Section 27

Case 1338: (E) Extension of an existing pool

County LEA Pool EUMONT GAS

0-5 Queen

TOWNSHIP 20 South, RANGE 37 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

The Texas Co. C. H. Weir "A" #6 in Unit G of Section 12-20-37

Comp in Queen 8/23/57 top perf 3744

Continental Oil Co. SEMU Eumont #67 in Unit K of Section 24-20-37

Comp in Queen 5/31/57 top perf 3608

Pool Boundary Colored in Red

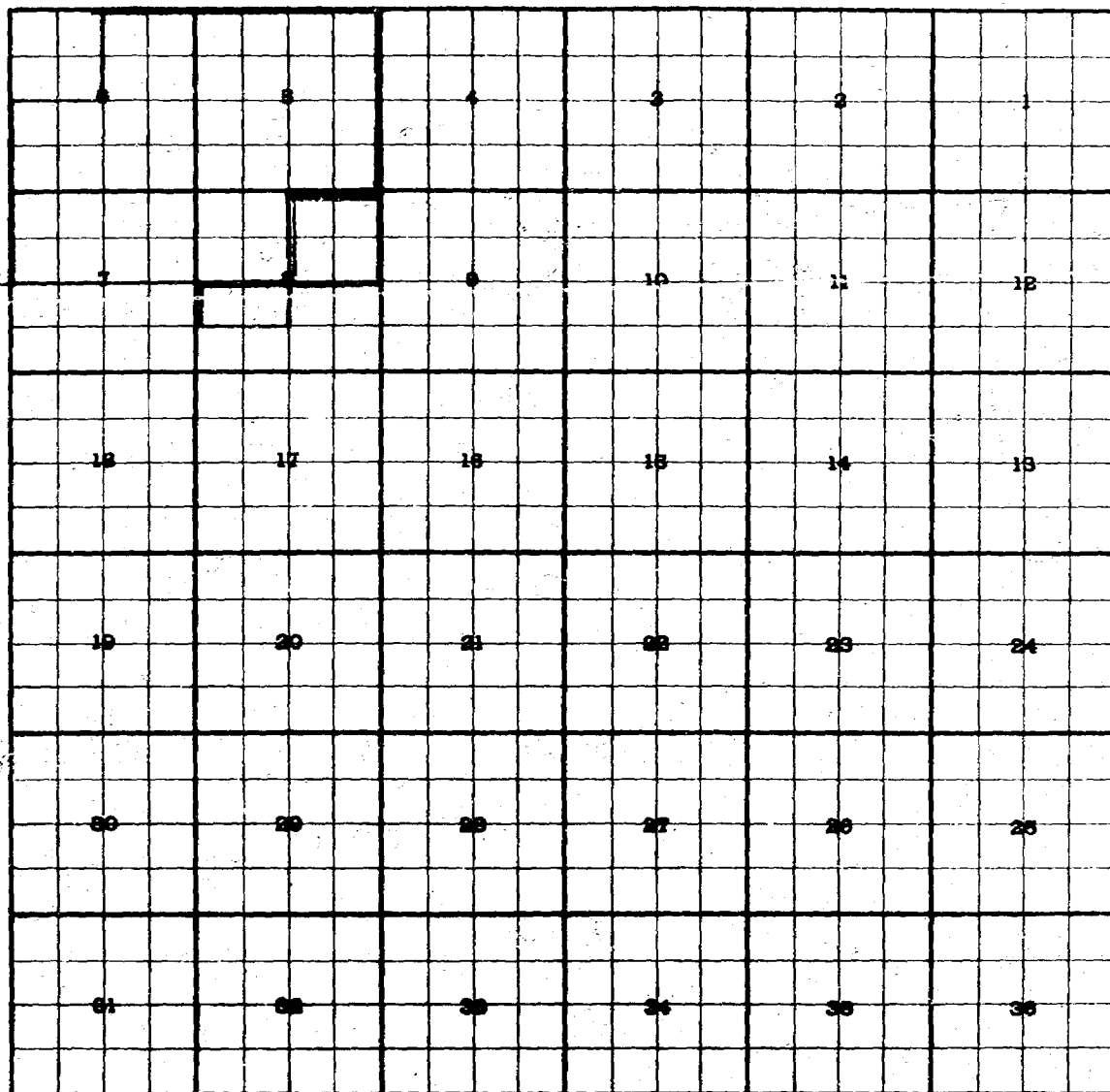
Proposed Extension Colored in Green: S/2 NE/4 of Section 12

SW/4 of Section 24

Case 1338: (F) Extension of an existing pool

County LEA Pool NORTH GLADICLA-DEVONIAN

12-13 Devonian

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

Purpose: Extend the pool for the inclusion of-

Sunray Mid-Continent Oil Co. G. Hall #1 in Unit L of Sec. 8-12-38

Comp in Devonian 9/14/57 top perf 11,996

Pool Boundary colored in Red

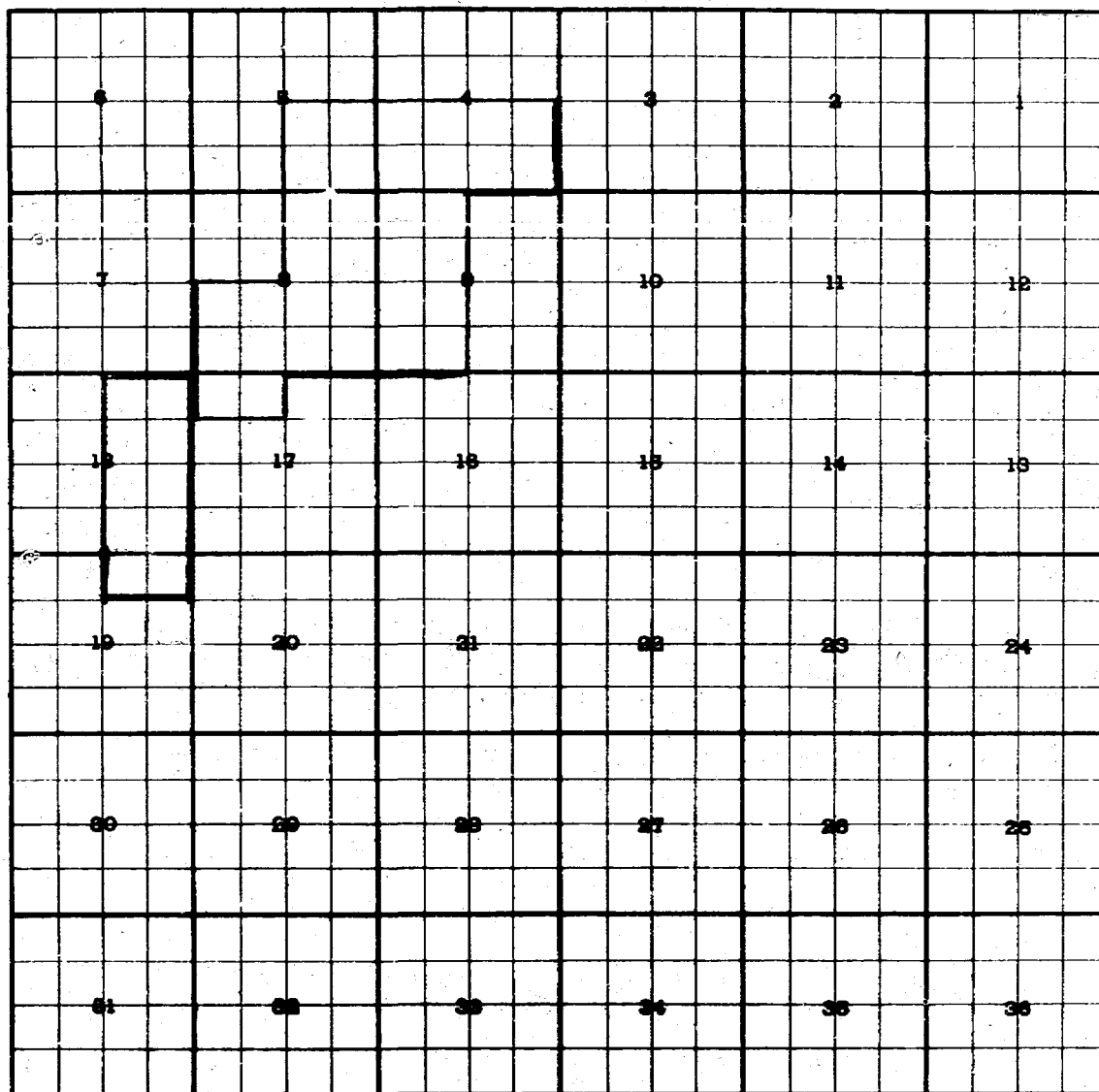
Proposed Extension colored in Green: NE/4 & N/2 SW/4 of Section 8

Case 1338: (G) Extension of an existing pool

County EDDY Pool WEST HENSHAW-GRAYBURG

0-5 Grayburg

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



Purpose: Extend the pool boundary for the inclusion of-

Leonard Oil Co. Federal Hagerty #2 in Unit 0 of Section 18-16-30
Com p in Premier

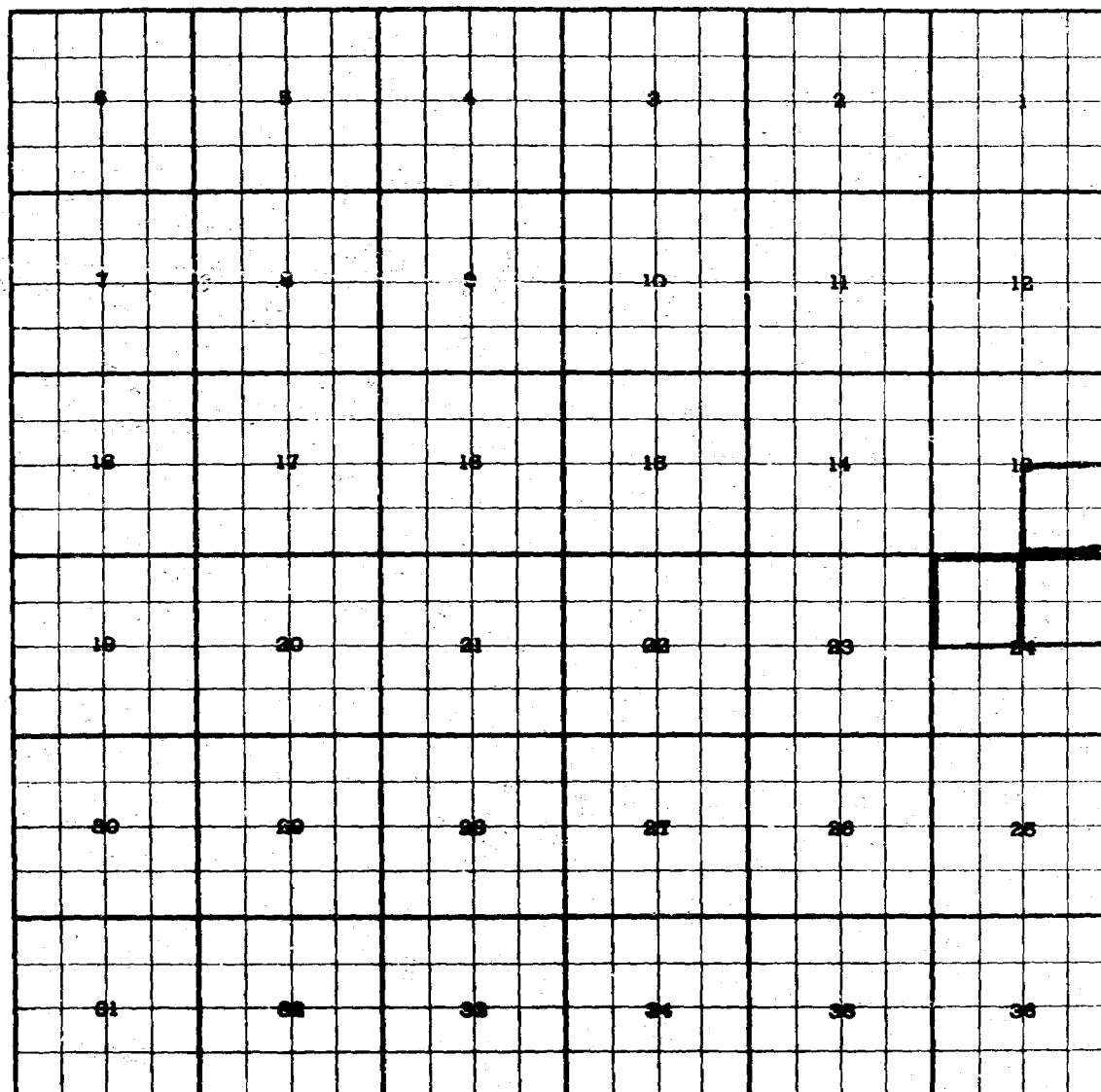
Pool Boundary in Red

Proposed Extension Colored in Green: E/2 of Section 18
N/2 NE/4 of Section 19

Case 1338: (H) Extension of an existing pool

County LEA Pool JUSTIS ELLENBURGER
8-9 Ellenburger

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



Purpose: Extend the pool boundary for the inclusion of-

Gulf Oil Corp. Learcy McBuffington #3 in Unit C of Sec. 13-25-37

Comp in Ellenburger 9/10/57 top perf 8100

Western Natural Gas Co. Wimberley #2 in Unit C of Sec. 24-25-37

Comp in Ellenburger 10/1/57 top perf 8184

Pool Boundary Colored in Red

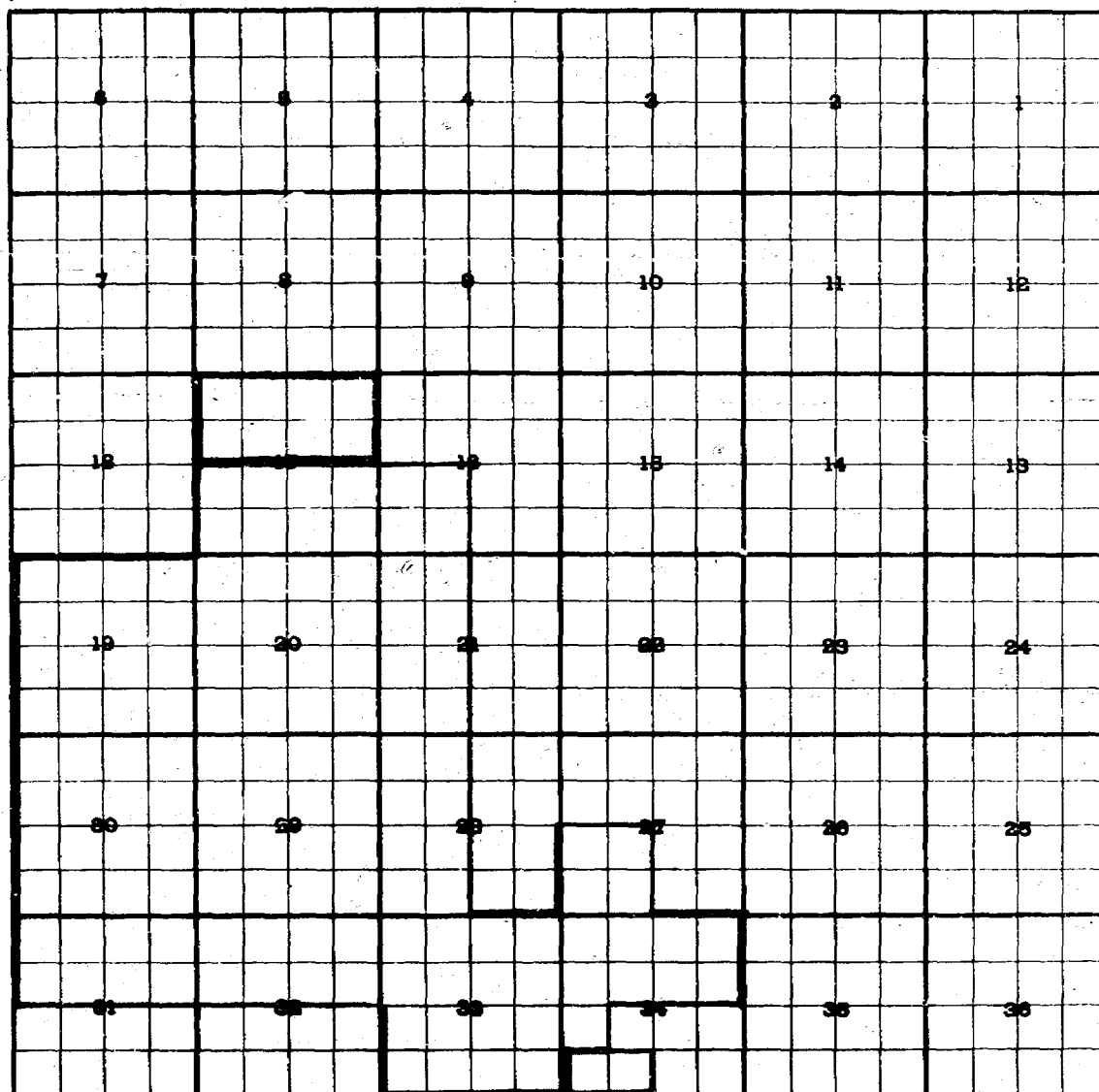
Proposed Extension colored in Green: SE/4 of Section 13

NW/4 of Section 24

Case 1338: (I) Extension of an existing pool

County LEA Pool MALJAMAR
0-5 Grayburg & San Andres

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



Purpose: Extend the pool for the inclusion of-

Murphy H. Baxter State 17 #2 in Unit B of Sec. 17-17-33 Comp in Grayburg

9/9/57 top perf 4226

State 17 #3 in Unit C of Sec. 17-17-33 Comp in Grayburg

9/30/57 top perf 4218

State 17 #7 in Unit G of Sec 17-17-33 Comp in Grayburg

10/7/57 top perf 4244

Carper Drilling Co. Wyatt #3 in Unit N of Sec 34-17-33 Comp in Grayburg

8/6/57 top perf 4667

Pool Boundary Colored in Red

Proposed Extension Colored in Green: N/2 of Section 17

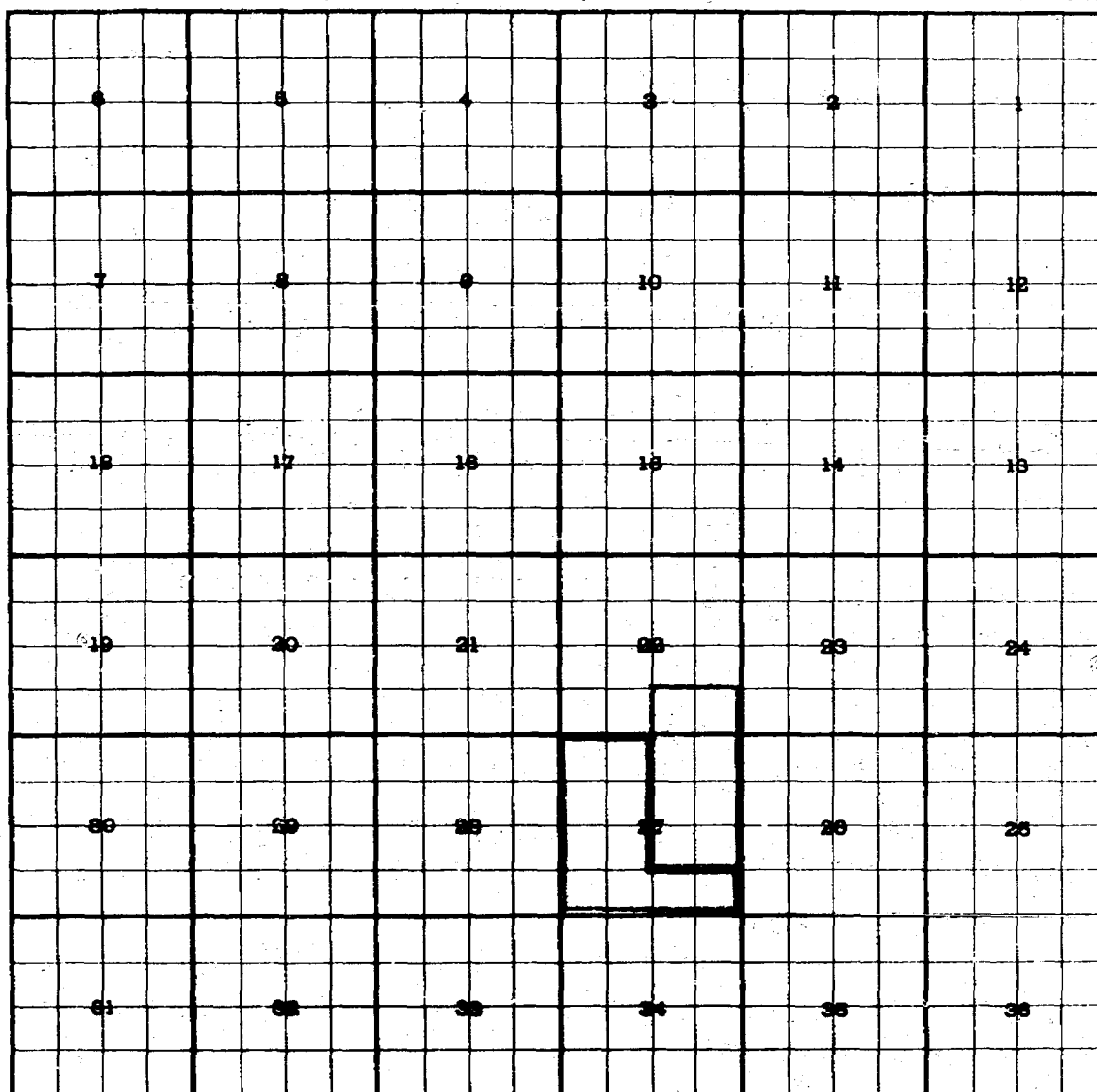
S/2 SW/4 of Section 34

Case 1338: (J) Extension of an existing pool

County LEA Pool PEARL QUEEN

0-5 Queen

TOWNSHIP 19 South, RANGE 35 East, NEW MEXICO PRINCIPAL MERIDIAN



Purpose: Extend the pool boundary for the inclusion of-

Shell Oil Co. State PA #1 in Unit K of Section 27-19-35

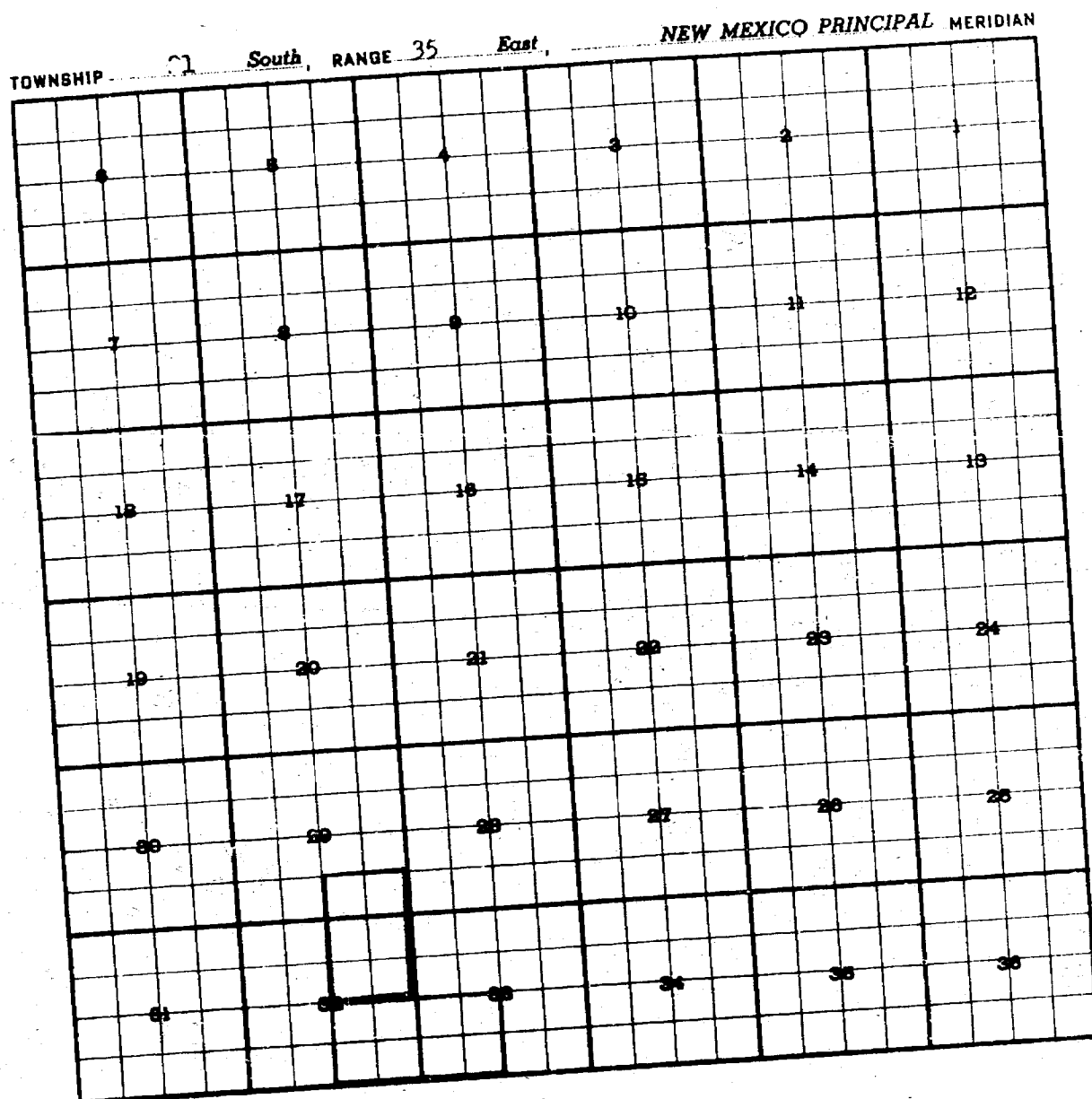
Comp in Queen 9/8/57 top perf 4707

Pool Boundary Colored in Red

Proposed Extension Colored in Green: W/2 & S/2 SE/4 of Section 27

Case 1338: (K) Extension of an existing pool

County LEA Pool SAN SIMON
O-5 Yates



Purpose: Extend the pool boundary for the inclusion of-
Resler & Sheldon Phillips State #1 in Unit P of Sec. 29-31-35
Comp in Yates 9/29/57 top perf 3800

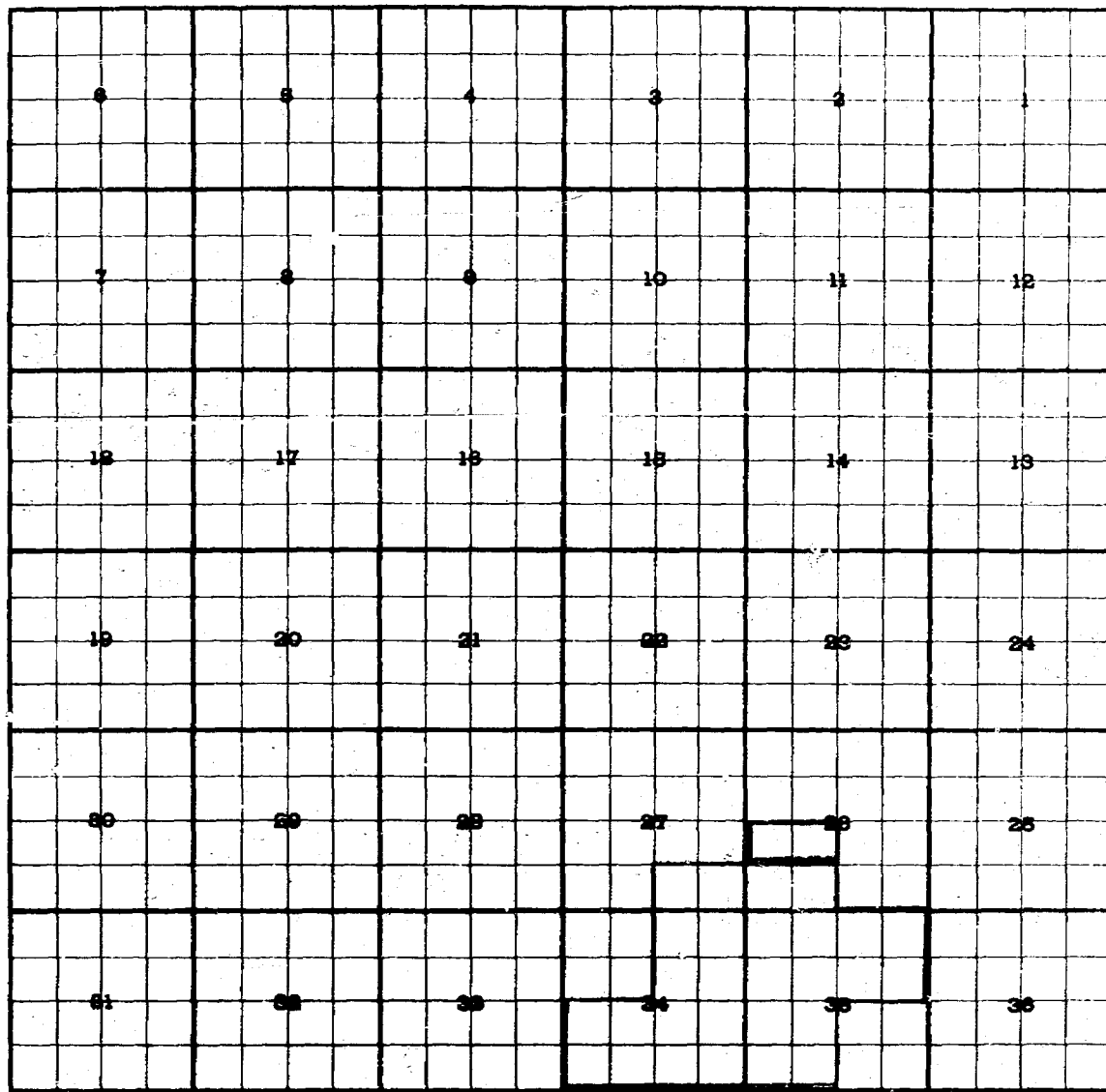
Pool Boundary Colored in Red
Proposed Extension Colored in Green: ~~XXX~~ S/2 SE/4 of Section 29
NE/4 of Section 32

Case 1338: (L) Extension of an existing pool

County EDDY Pool SHUGART

0-5 Queen

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



Purpose: Extend the pool boundary for the inclusion of-

Thomas F. Welch Hinkle B #2-26 in Unit B of Sec. 26-18-31

Comp in Queen 8/17/57 top perf 3750

Pool Boundary Colored in Red

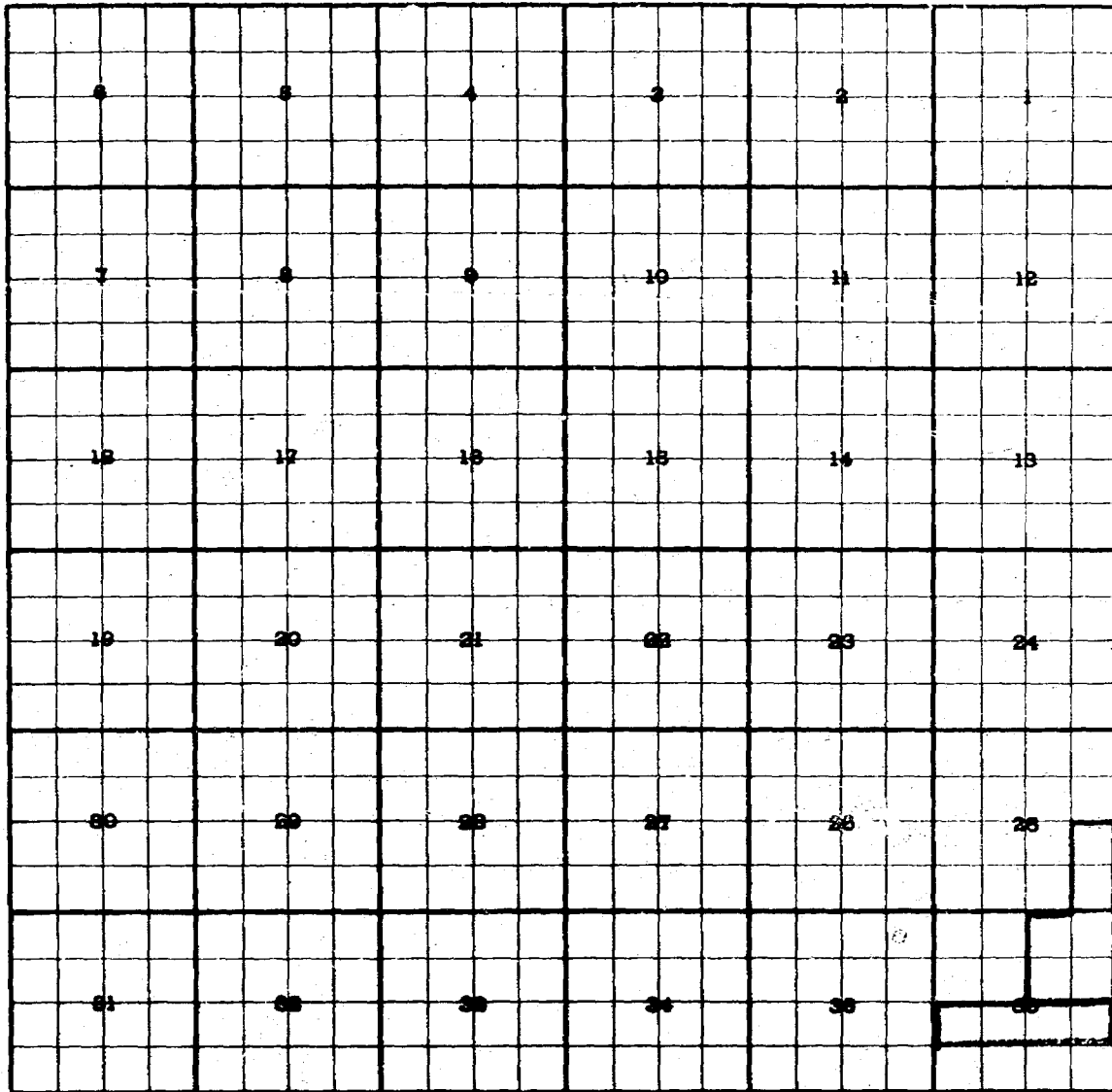
Proposed Extension Colored in Green: N/2 SW/4 of Section 26

Case 1338: (M) Extension of an existing pool

County EDDY Pool SQUARE LAKE

0-5 Grayburg

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



Purpose: Extend the pool boundary for the inclusion of-

Neil E. Salsich Hollis State #1 in Unit L of Sec. 36-16-29

Comp in Grayburg 8/29/57 top perf 2467

Pool Boundary Colored in Red

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

Case 1338: (N) Extension of an existing pool

County LEA Pool TOWNSEND-WOLFCAMP
10-11 Wolfcamp

TOWNSHIP 16 South, RANGE 36 East, NEW MEXICO PRINCIPAL MERIDIAN

Purpose: Extend the pool boundary for the inclusion of-

Texas Pacific Coal & Oil Co. State T #1 in Unit M of Sec. 6-16-36

Comp in Wolfcamp 8/17/57 top perf 10,650

Pool Boundary Colored in Red

Proposed Extension Colored in Green: Lots 12 & 13 of Section 6