

**CASE 11197:** In the matter of the hearing called by the Oil Conservation Division upon its own motion for an order creating, extending horizontal and vertical limits, and redesignating certain pools in Chaves and Lea Counties, New Mexico.

- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Bell Lake-Delaware Pool. The discovery well is the Strata Production Company Papagayo Federal Well No. 1 located in Unit M of Section 27, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

**TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM**

Section 27: SW/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the Casey-San Andres Pool. The discovery well is the Yates Petroleum Corporation Burton AER Well No. 1 located in Unit J of Section 26, Township 16 South, Range 37 East, NMPM. Said pool would comprise:

**TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM**

Section 26: SE/4

- (c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the West Knowles-Strawn Pool. The discovery well is the Anson Gas Corporation Anderson 33 Well No. 1, bottom hole location in Unit G of Section 33, Township 16 South, Range 38 East, NMPM. Said pool would comprise:

**TOWNSHIP 16 SOUTH, RANGE 38 EAST, NMPM**

Section 33: NE/4

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Grayburg production and designated as the Northeast Lea-Grayburg Pool. The discovery well is the Mallon Oil Company Mallon 34 Federal Well No. 1 located in Unit D of Section 34, Township 19 South, Range 34 East, NMPM. Said pool would comprise:

**TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM**

Section 34: NW/4

- (e) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Southeast Lusk-Atoka Gas Pool. The discovery well is the Fina Oil & Chemical Company Federal HH 33 Well No. 1 located in Unit G of Section 33, Township 19 South, Range 32 East, NMPM. Said pool would comprise:

**TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM**

Section 33: N/2

- (f) EXTEND the vertical limits of the Hardy-Simpson Pool in Lea County, New Mexico, to include the Ellenburger formation and redesignate said pool as the Hardy Simpson-Ellenburger Pool.

- (g) EXTEND the Chaveroo-San Andres Pool in Chaves County, New Mexico, to include therein:

**TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM**

Section 24: NE/4

- (h) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM**

Section 22: N/2

- (i) EXTEND the Northeast Lea-Delaware Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM**

Section 34: E/2

**TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM**

Section 3: NE/4

- (j) EXTEND the East Livingston Ridge-Delaware Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM**

Section 10: W/2

- (k) EXTEND the East Lusk-Delaware Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM**

Section 1: W/2

Section 2: NE/4

- (l) EXTEND the Mesa Verde-Delaware Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM**

Section 7: NW/4

- (m) EXTEND the Red Hills-Bone Spring Pool in Lea County, New Mexico, to include therein:

**TOWNSHIP 25 SOUTH, RANGE 34 EAST, NMPM**

Section 6: SW/4

Section 7: SE/4

- (n) EXTEND the West Red Tank-Delaware Pool in Lea County, New Mexico, to include therein:

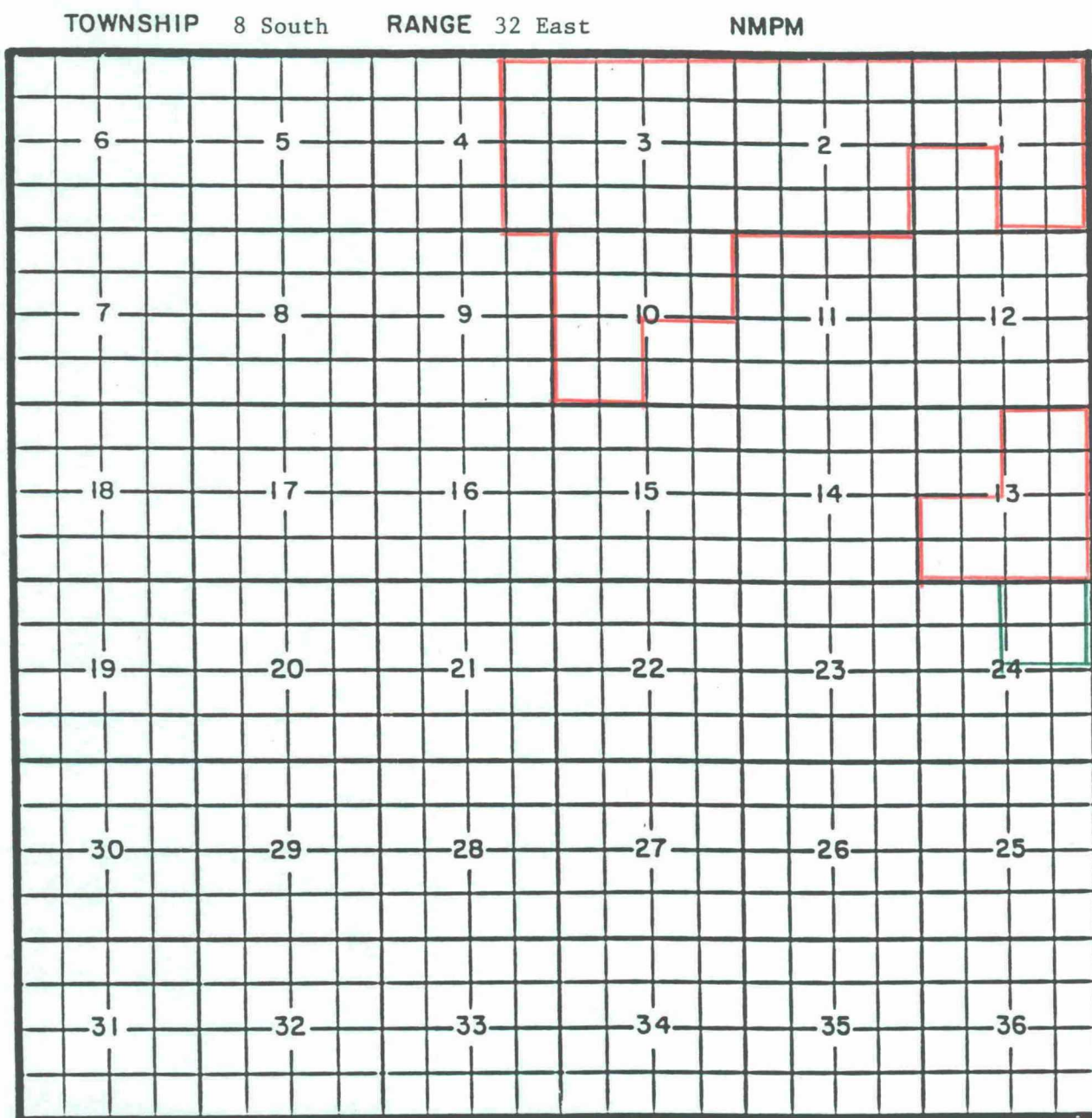
**TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM**

Section 14: SE/4

Section 34: NW/4

COUNTY CHAVES

POOL CHAVEROO-SAN ANDRES



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Shell James A00 Federal Well No. 1 located in Unit H of Section 24, Township 8 South, Range 32 East, NMPM. It was completed October 24, 1994, in the San Andres formation. The top of the perforations is at 4,268 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 24: NE/4

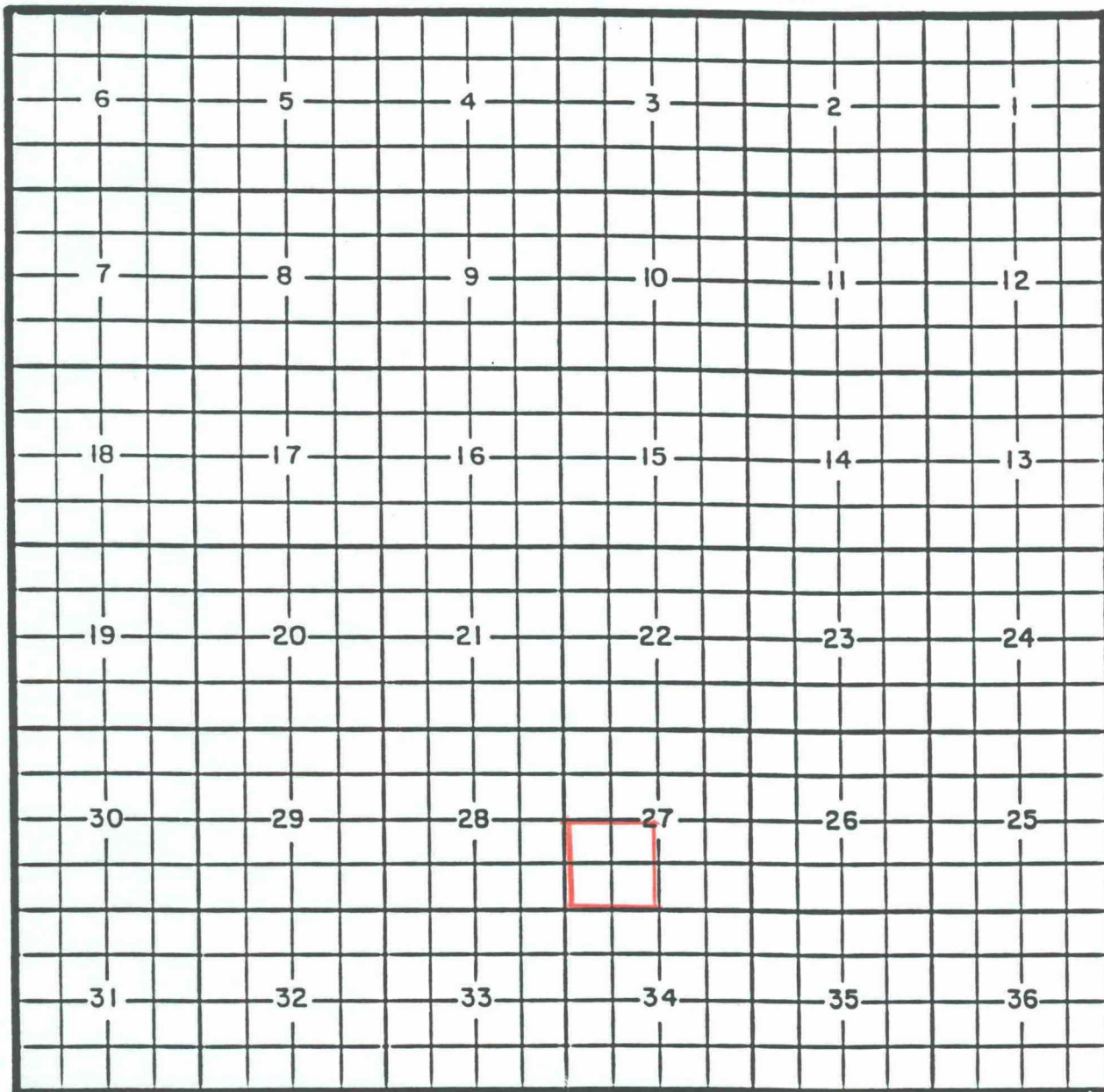
COUNTY LEA

POOL BELL LAKE-DELAWARE

TOWNSHIP 23 South

RANGE 34 East

NMPM



PURPOSE: One completed oil well capable of producing.

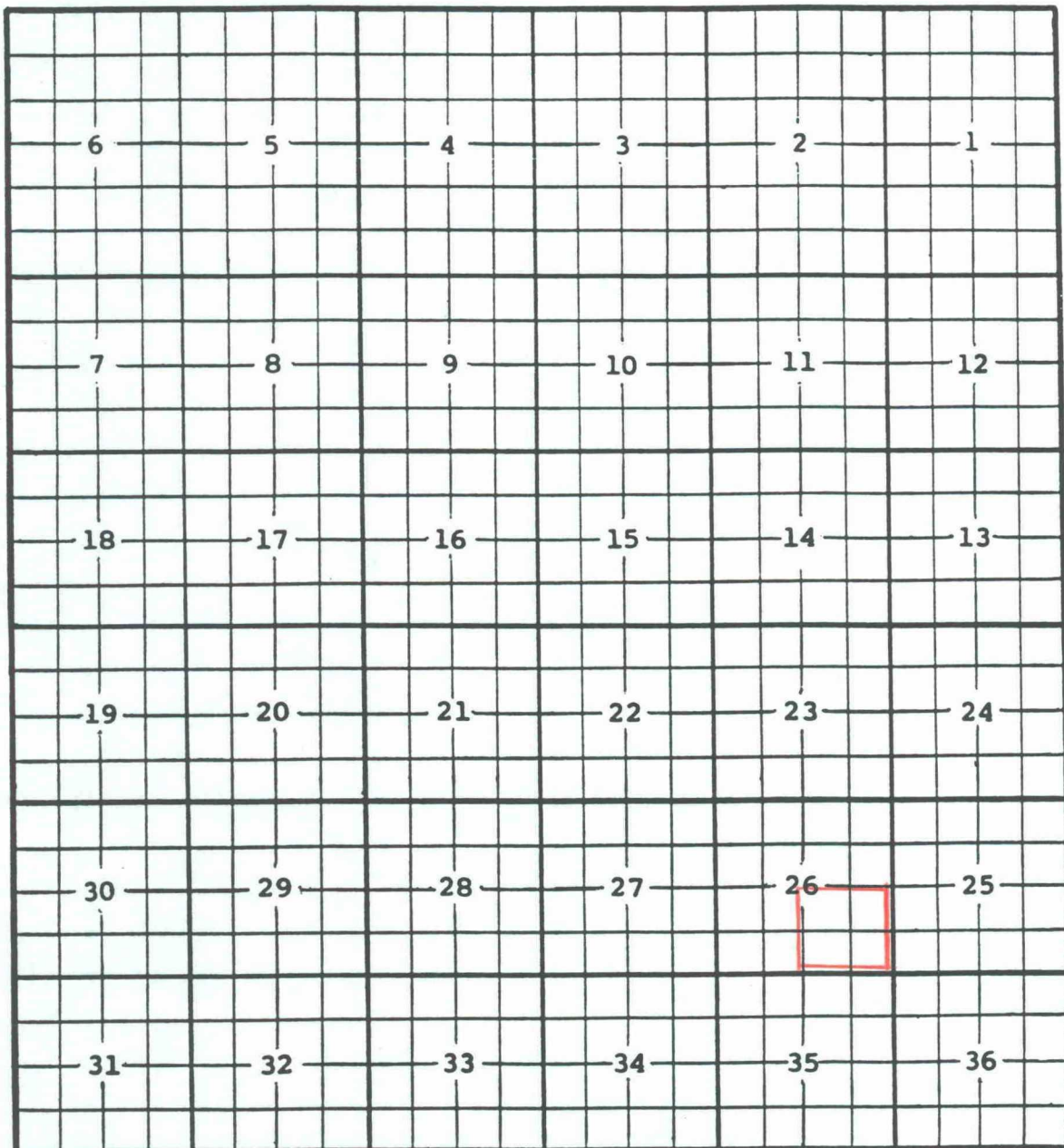
Strata Production Company Papagayo Federal Well No. 1 located in Unit M of Section 27, Township 23 South, Range 34 East, NMPM. It was completed September 7, 1994, in the Delaware formation. The top of the perforations is at 6,892 ft.

Proposed pool boundary outlined in red. Section 27: SW/4



COUNTY LEA POOL CASEY-SAN ANDRES

TOWNSHIP 16 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Burton AER Well No. 1 located in Unit J of Section 26, Township 16 South, Range 37 East, NMPM. It was completed June 3, 1994, in the San Andres formation. The top of the perforations is at 4,966 feet.

Proposed pool boundary outlined in red. Section 26: SE/4

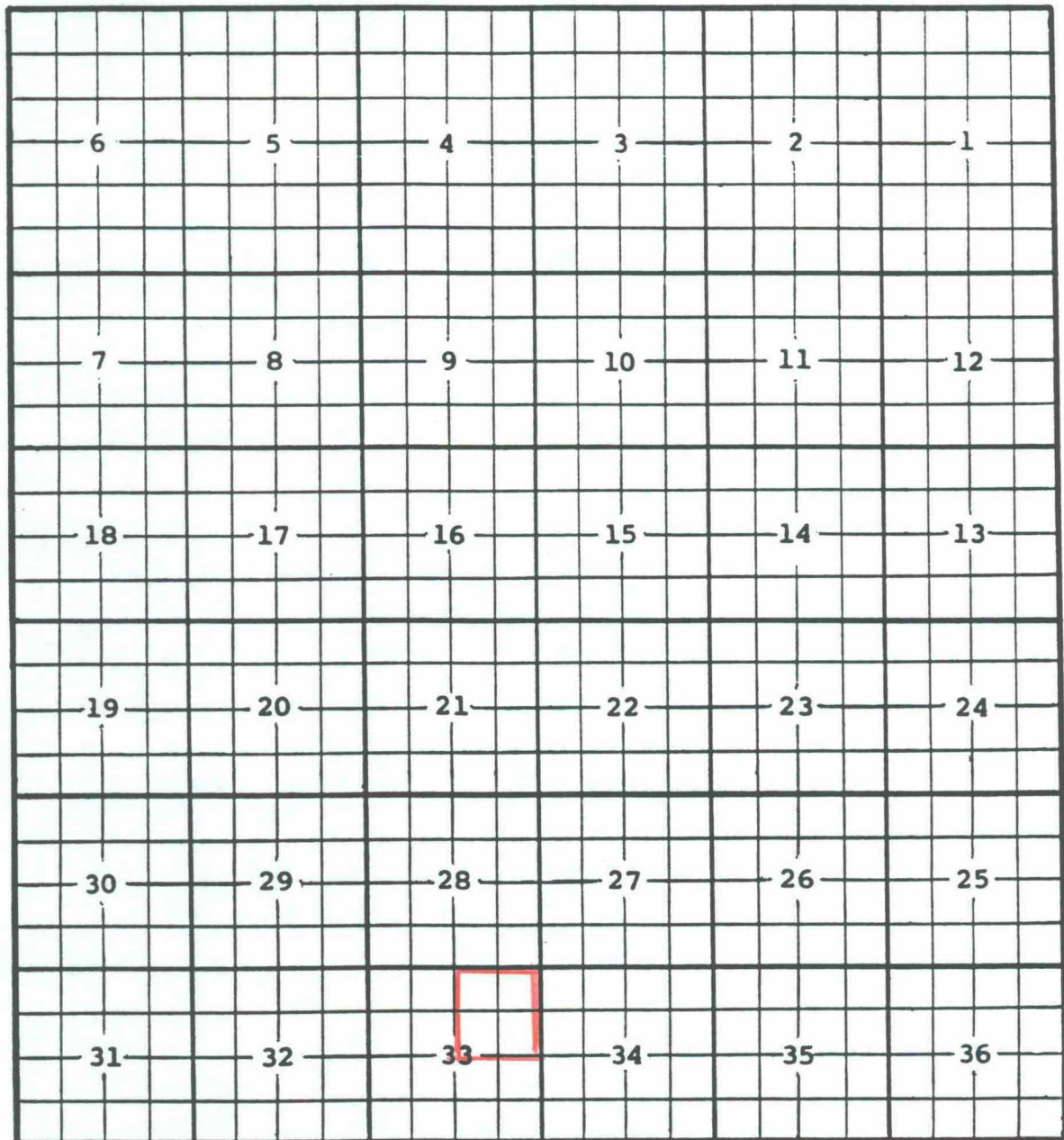
COUNTY LEA

POOL WEST KNOWLES-STRAWN

TOWNSHIP 16 South

RANGE 38 East

NMPM



PURPOSE: One completed oil well capable of producing.

Anson Gas Corporation Anderson 33 Well No. 1, bottom hole location, Unit G of Section 33, Township 16 South, Range 38 East, NMPM. It was completed October 12, 1994, in the Strawn formation. The top of the perforations is at 11,321 feet.

Proposed pool boundary outlined in red. Section 33: NE/4



COUNTY LEA

POOL NORTHEAST LEA-GRAYBURG

TOWNSHIP 19 South

RANGE 34 East

NMPM

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

PURPOSE: One completed oil well capable of producing.

Mallon Oil Company Mallon 34 Federal Well No. 1 located in Unit D of Section 34, Township 19 South, Range 34 East, NMPM. It was completed October 6, 1994, in the Grayburg formation. The top of the perforations is at 5,094 feet.

Proposed pool boundary outlined in red. Section 34: NW/4

COUNTY LEA

POOL SOUTHEAST LUSK-ATOKA GAS

TOWNSHIP 19 South

RANGE 32 East

NMPM

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

PURPOSE: One completd gas well capable of producing.

Fina Oil & Chemical Company Federal HH 33 Well No. 1 located in Unit G of Section 33, Township 19 South, Range 32 East, NMPM. It was completed August 1, 1994, in the Atoka formation. The top of the perforations is at 12,040 feet.

Proposed pool boundary outlined in red. Section 33: N/2



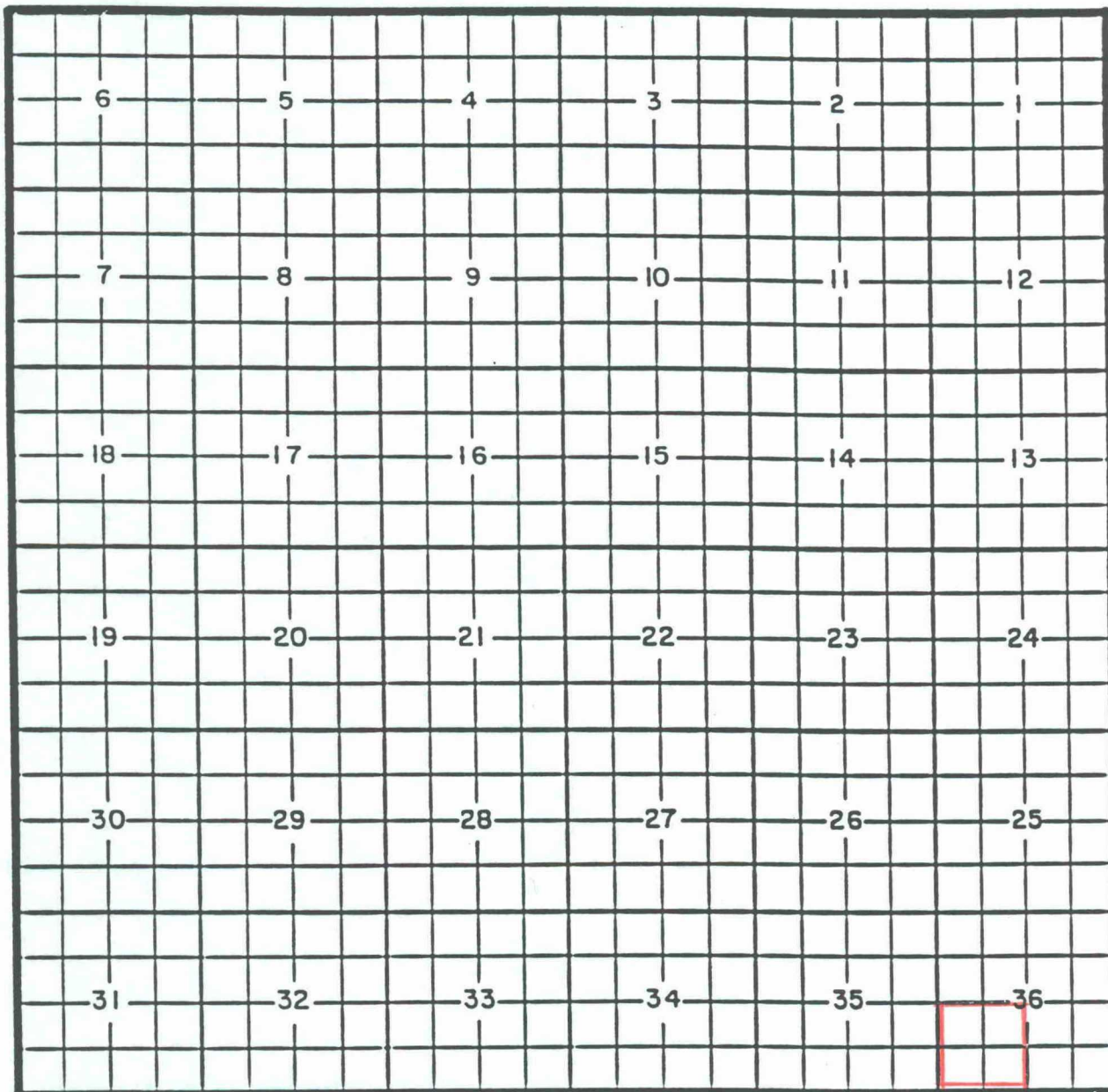
COUNTY LEA

POOL HARDY-SIMPSON

TOWNSHIP 20 South

RANGE 37 East

NMPM



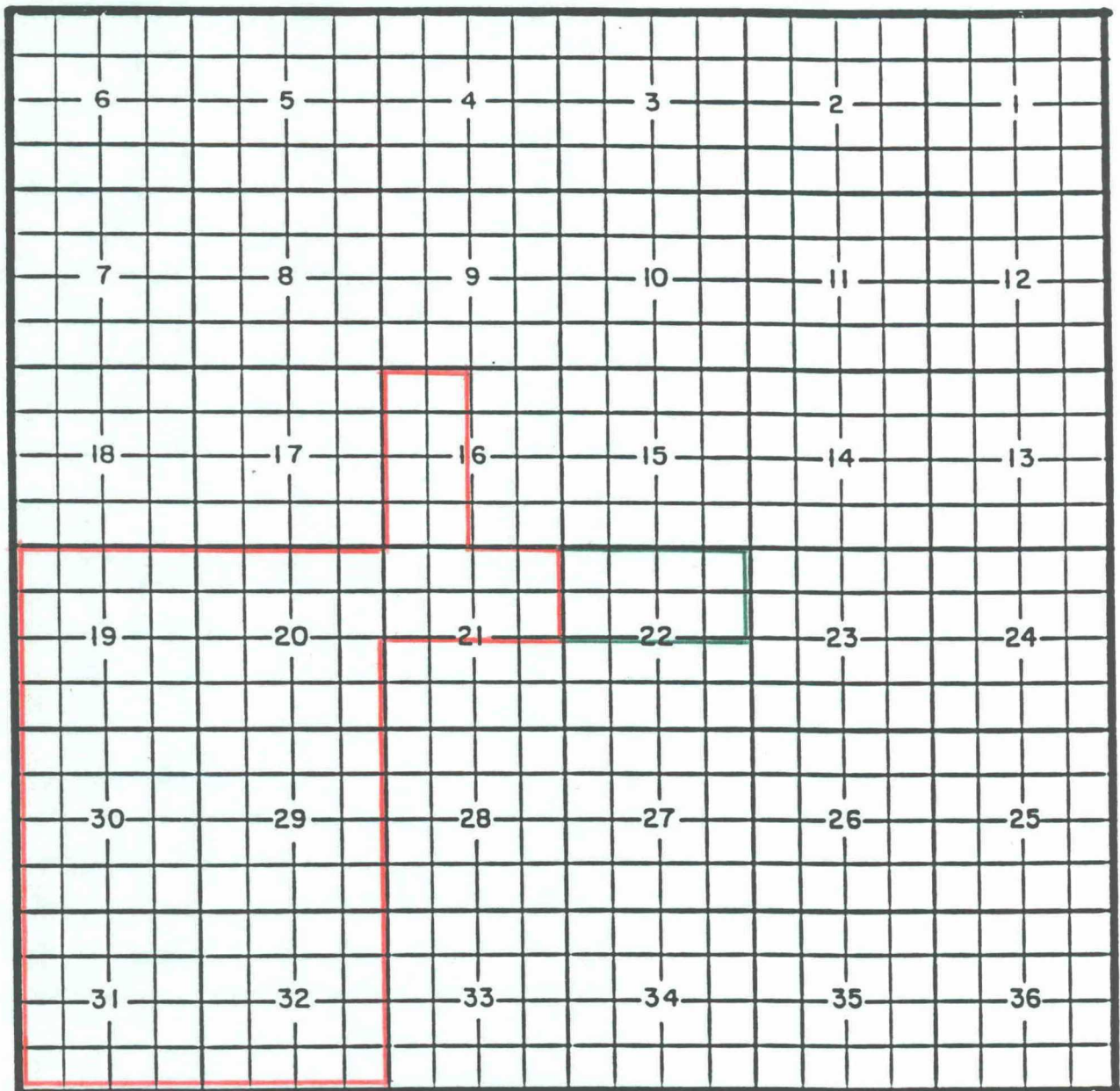
PURPOSE: Extension of the vertical limits of the Hardy-Simpson Pool to include the Ellenburger formation and redesignation to the Hardy Simpson-Ellenburger Pool

Pool boundary outlined in red.



COUNTY LEA POOL GEM-MORROW GAS

TOWNSHIP 19 South RANGE 33 East NMPM



PURPOSE: One completed gas well capable of producing.

Santa Fe Energy Operating Partners L.P. Amethyst 22 Federal Well No. 1 located in Unit C of Section 22, Township 19 South, Range 33 East, NMPM. It was completed April 12, 1994, in the Morrow formation. The top of the perforations is at 13,248 feet

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 2 N/2

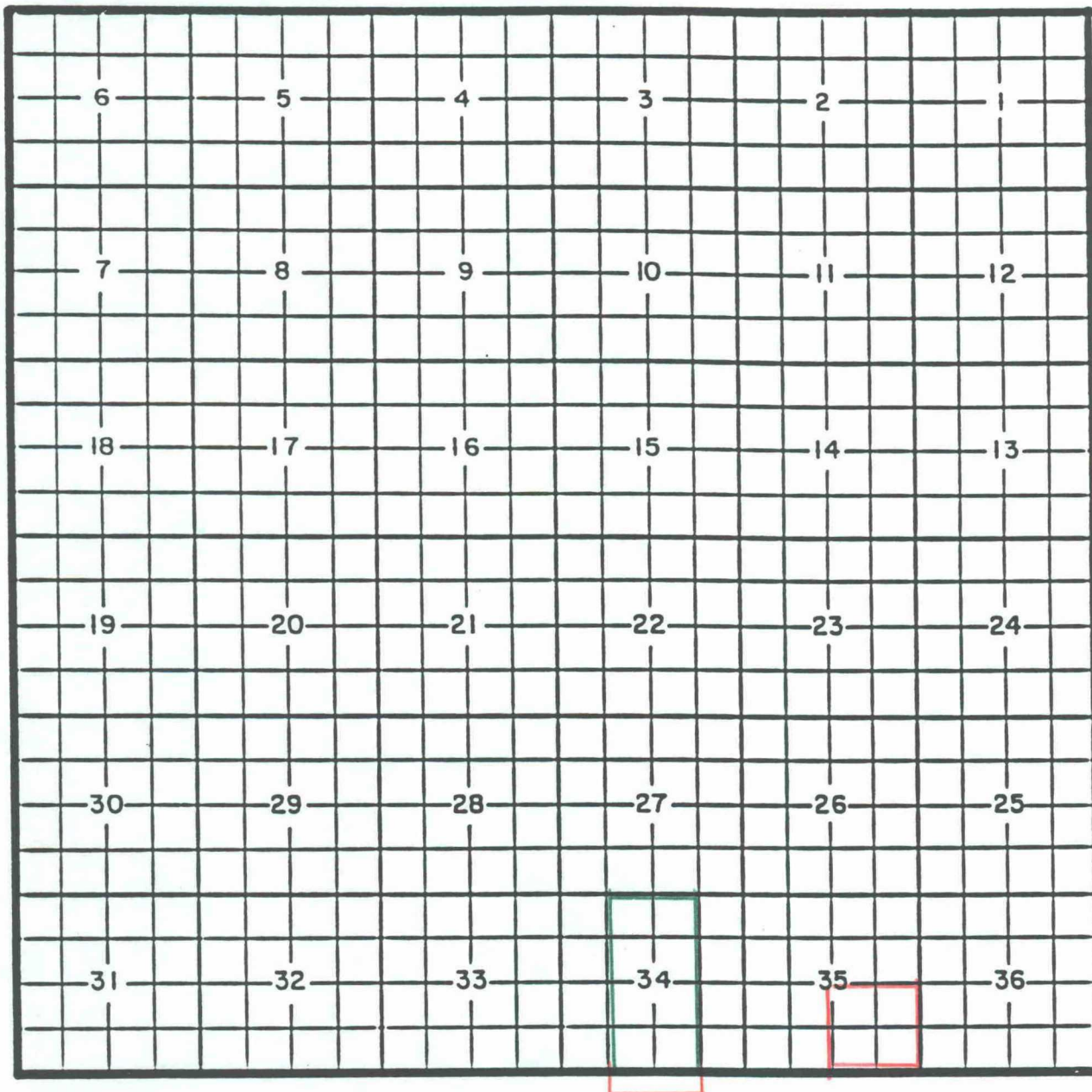
COUNTY LEA

POOL NORTHEAST LEA-DELAWARE

TOWNSHIP 19 South

RANGE 34 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Mallon Oil Co. Mallon 34 Federal Well No. 3 located in Unit I of Section 34, T19S, R34E, completed November 25, 1994, in the Delaware formation. The top of the perforations is at 5,842 feet. Mallon Oil Co. Mallon 34 Federal Well No. 2 located in Unit A of Section 34, T19S, R34E, completed October 30, 1994, in the Delaware formation. The top of the perforations is at 5,878 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 34: E/2



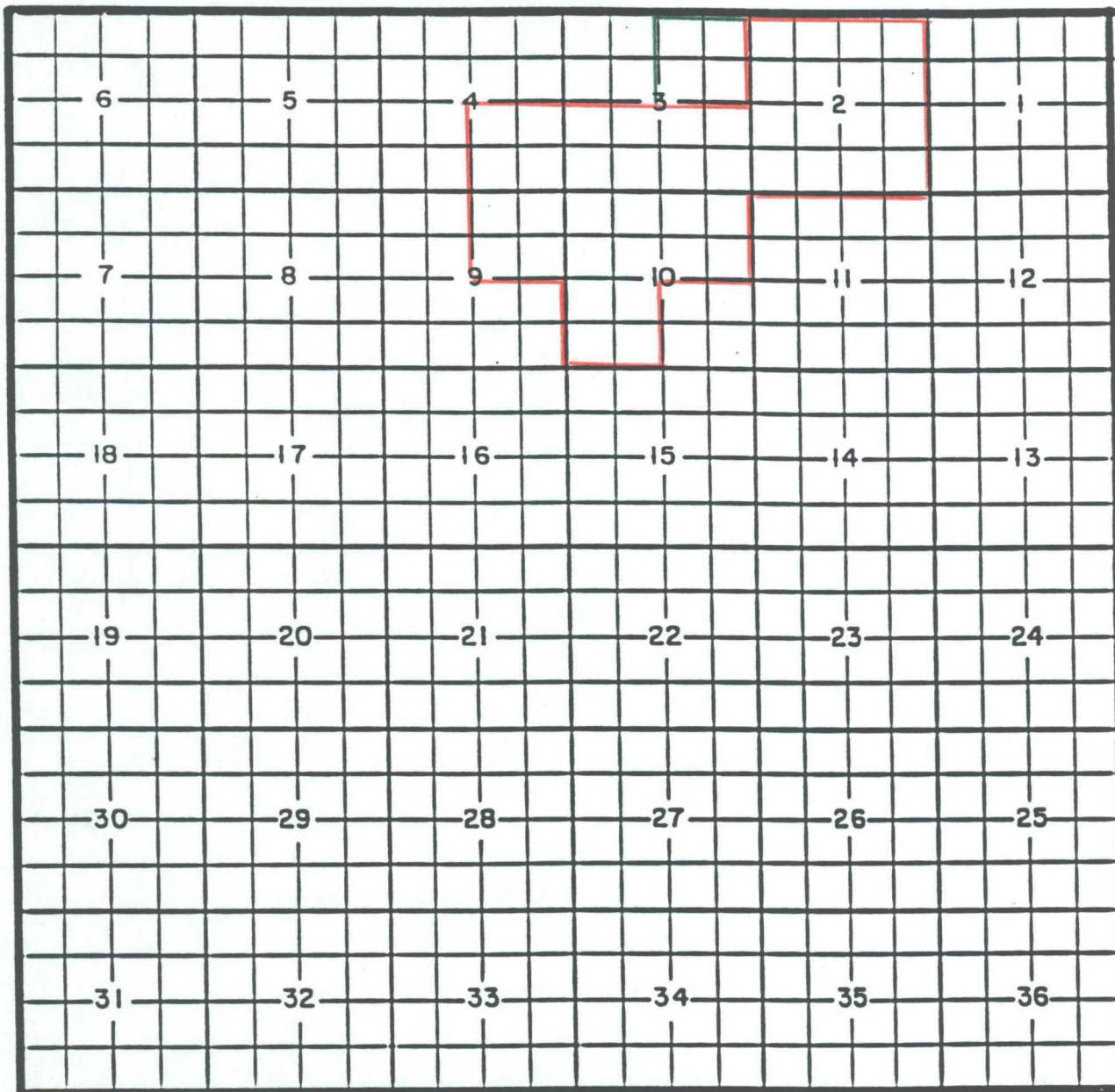
COUNTY LEA

POOL NORTHEAST LEA-DELAWARE

TOWNSHIP 20 South

RANGE 34 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Mallon Oil Co. Mallon 34 Federal Well No. 3 located in Unit I of Section 34, T19S, R34E, completed November 25, 1994, in the Delaware formation. The top of the perforations is at 5,842 feet. Mallon Oil Co. Mallon 34 Federal Well No. 2 located in Unit A of Section 34, T19S, R34E, completed October 30, 1994, in the Delaware formation. The top of the perforations is at 5,878 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 3: NE/4

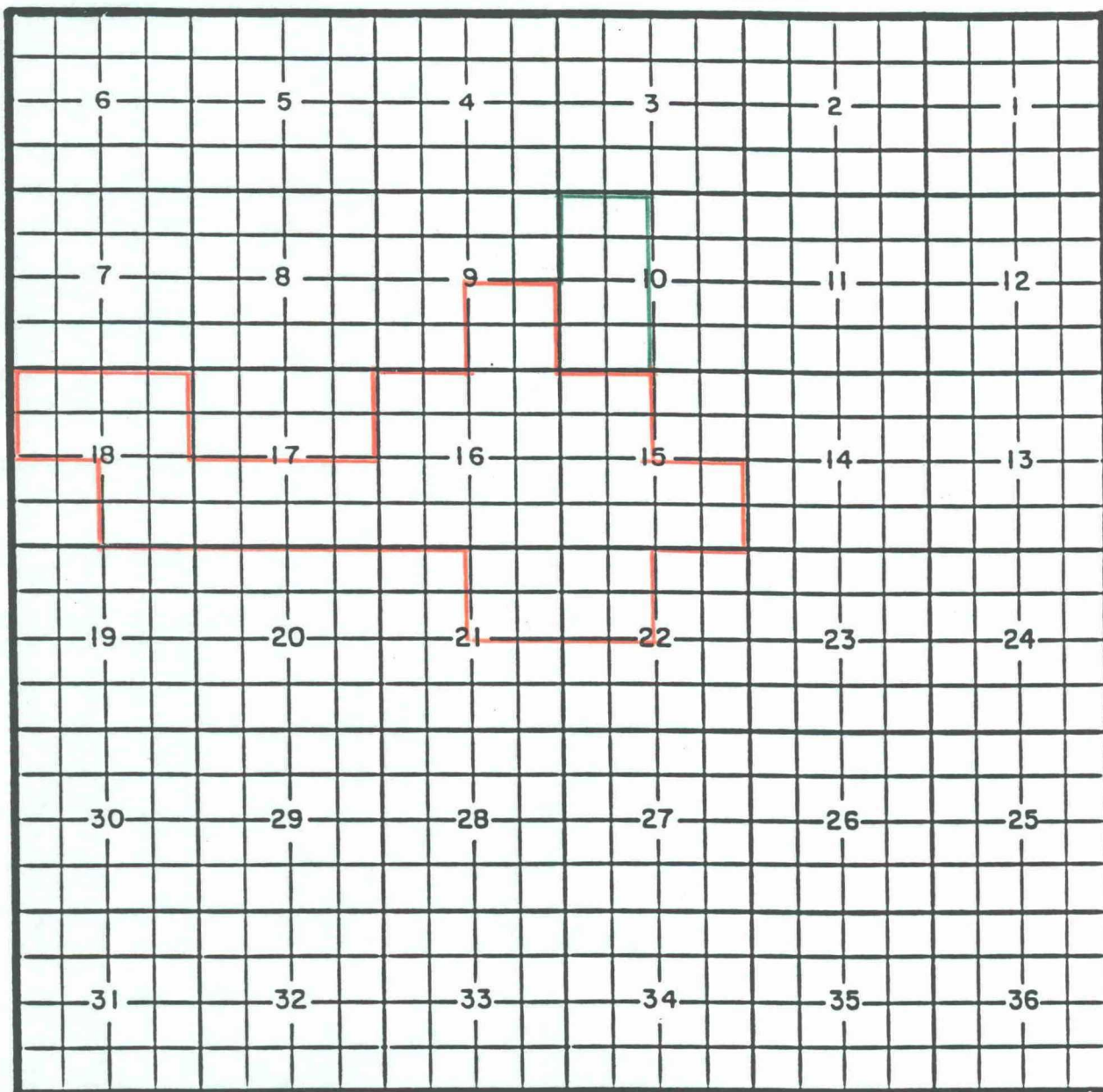
COUNTY LEA

POOL EAST LIVINGSTON RIDGE-DELAWARE

TOWNSHIP 22 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

WTI 1993 LTD. Barr None Federal Well No. 1 located in Unit E of Section 10, Township 22 South, Range 32 East, NMPM. It was completed February 2, 1994, in the Delaware formation. The top of the perforations is at 7,166 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 10: W/2



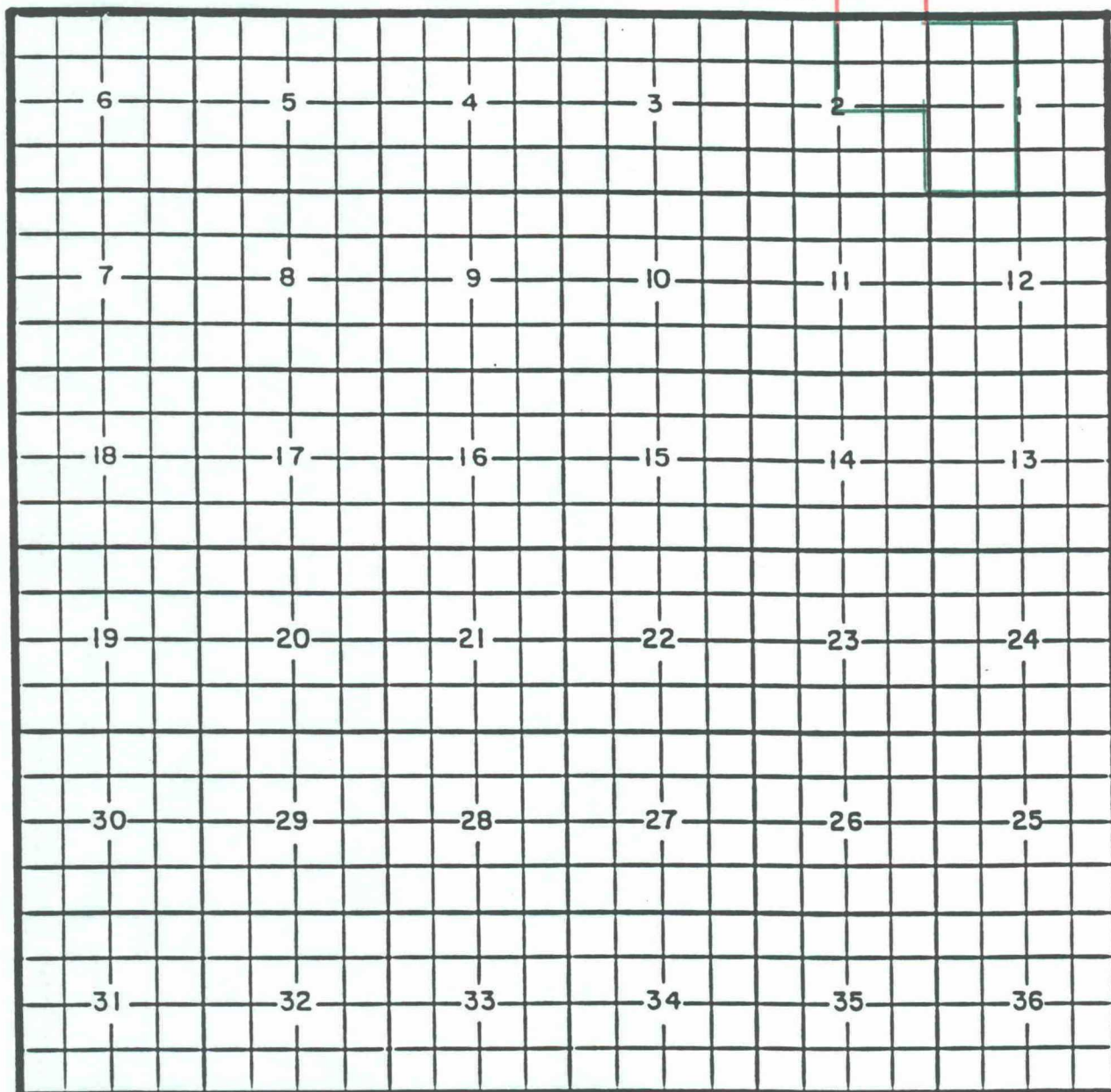
COUNTY LEA

POOL EAST LUSK-DELAWARE

TOWNSHIP 20 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Snyder AKY Well No. 1 located in Unit L of Section 1, Township 20 South, Range 32 East, NMPM. It was completed November 2, 1994, in the Delaware formation. The top of the perforations is at 4,868 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 1: W/2

Section 2: NE/4

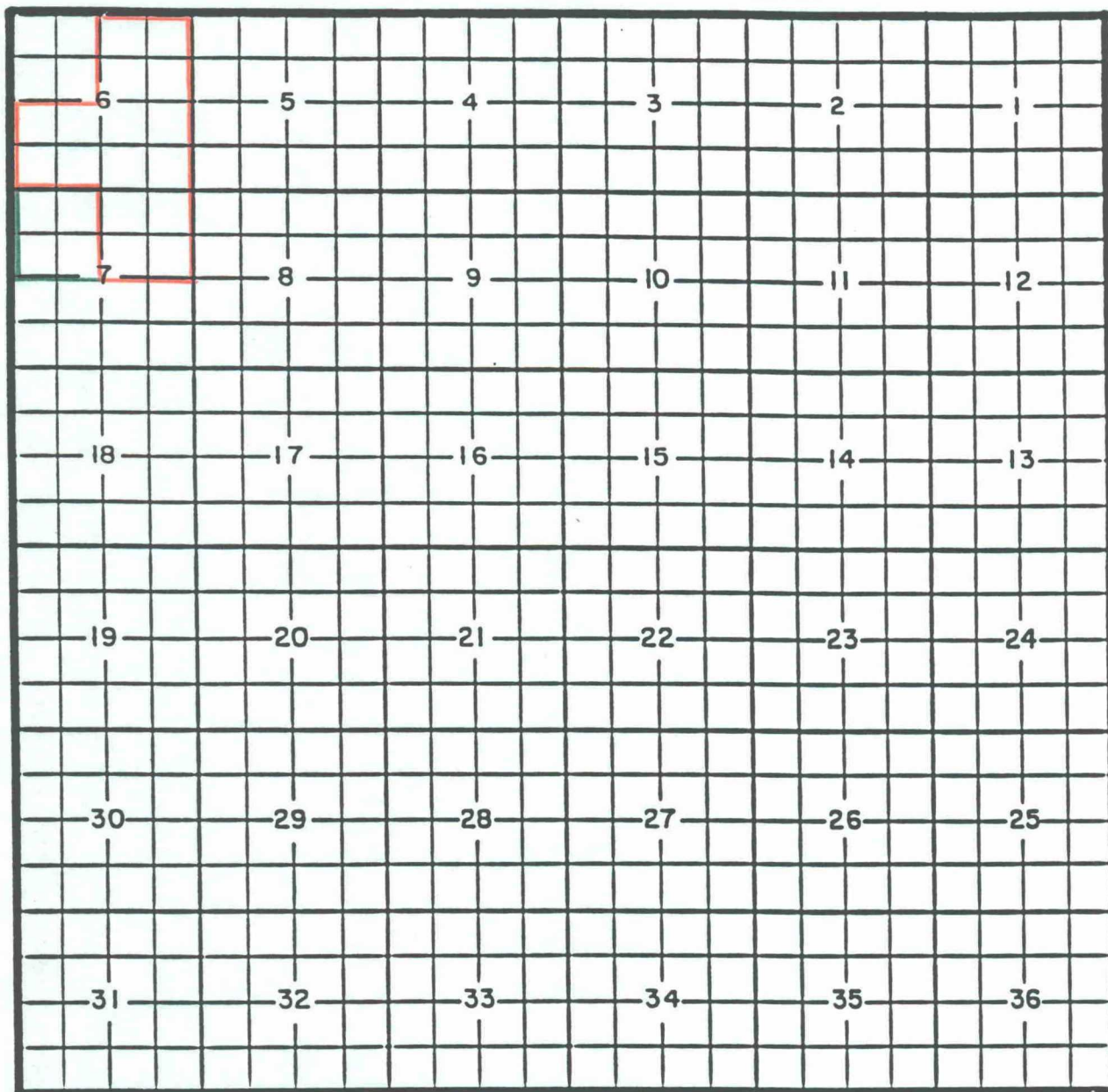
COUNTY LEA

POOL MESA VERDE-DELAWARE

TOWNSHIP 24 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Enron Oil & Gas Company Mesa Verde 7 Federal Well No. 2 located in Unit C of Section 7, Township 24 South, Range 32 East, NMPM. It was completed September 21, 1994, in the Delaware formation. The top of the perforations is at 8,531 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 7: NW/4



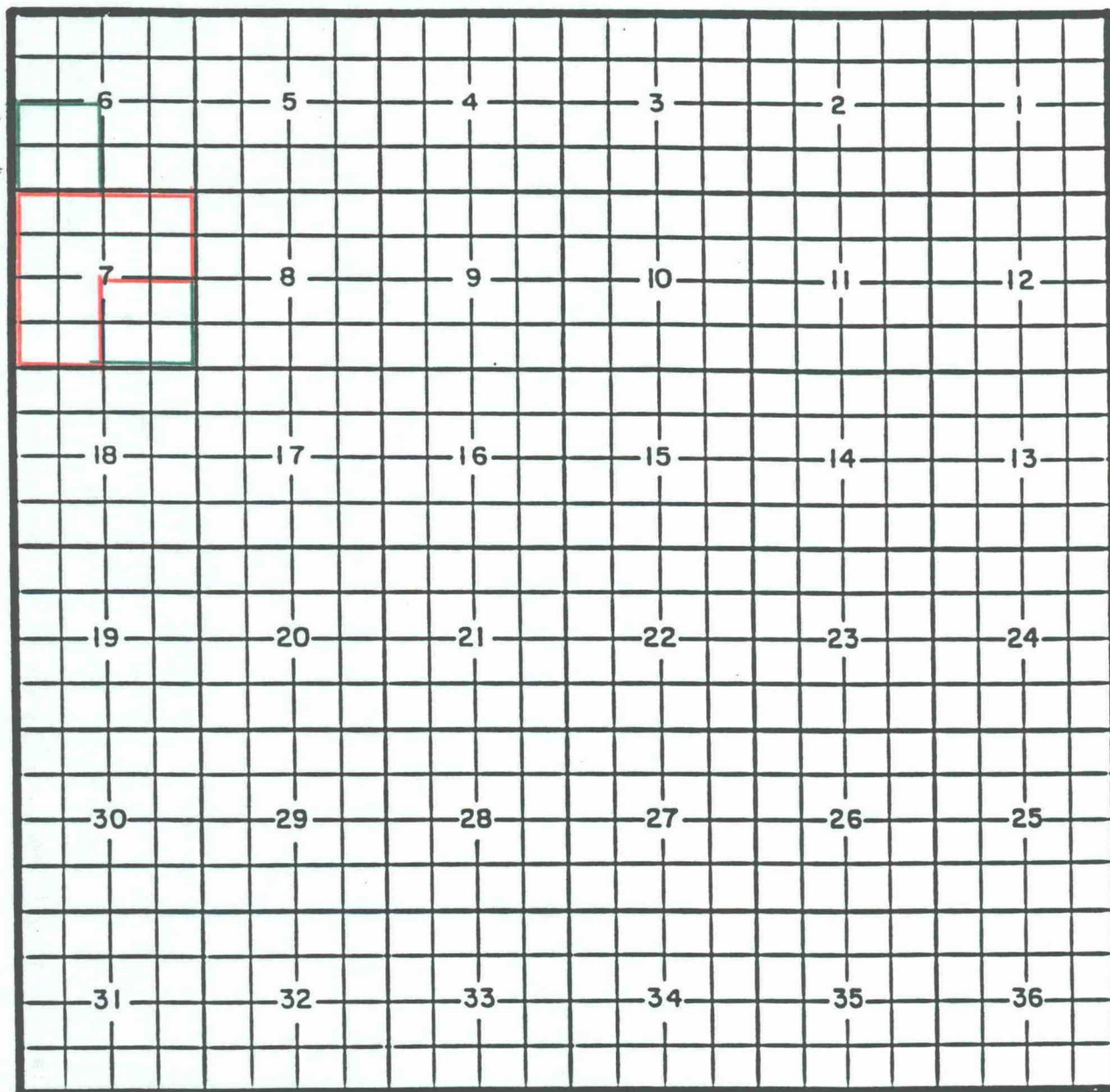
COUNTY LEA

POOL RED HILLS-BONE SPRING

TOWNSHIP 25 South

RANGE 34 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Enron Oil & Gas Co. Half 6 Federal Well No. 2 located in Unit N of Section 6, T25S, R34E, completed October 31, 1994, in the Bone Spring formation. The top of the perforations is at 12,270 feet. Enron Oil & Gas Co. Red Hills 7 Federal Well No. 1 located in Unit O of Section 7, T25S, R34E, completed October 11, 1994, in the Bone Spring formation. The top of the perforations is at 12,236 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 6: SW/4

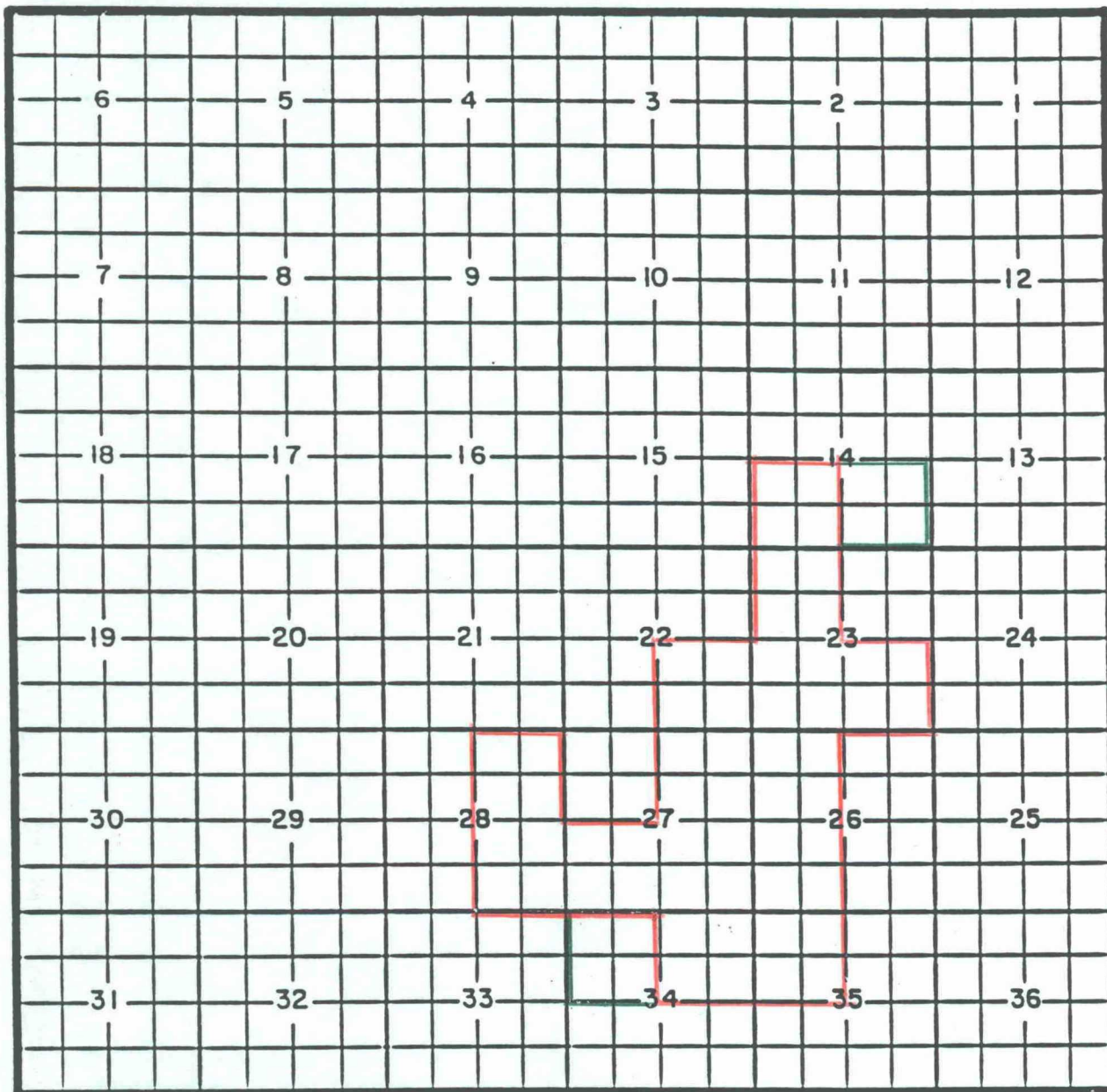
Section 7: SE/4

COUNTY LEA

POOL WEST RED TANK-DELAWARE

TOWNSHIP 22 South RANGE 32 East

NMPM



PURPOSE: Three completed oil wells capable of producing.

Meridian Oil Inc. Red Tank Fed #5-O, 14-22-32, completed 7/15/94. Top perfs 8,456'.

Meridian Oil Inc. Red Tank Fed #6-J, 14-22-32, completed 8/14/94. Top perfs 8,476'.

Pogo Prod. Co. Red Tank 34 Fed #14-C, 34-22-32, completed 10/27/94. Top perfs 8,378

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 14: SE/4

Section 34: NW/4