

Case 10561

DISTRICT I  
NOMENCLATURE ADVERTISEMENT FOR SEPTEMBER, 1992

In the matter of the application of the Oil Conservation Division of the Energy, Minerals and Natural Resources Department upon its own motion for an order for the creation and extensions of certain existing pools in Eddy and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to 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 Strawn production and designated as the ~~Big Dog~~<sup>East</sup> Dog-Strawn Pool. The discovery well is the Charles B. Gillespie Jr. Hamilton Federal Well No. 1 located in Unit O of Section 33, Township 15 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM ✓  
Section 33: SE/4

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the East Caprock-Mississippian Gas Pool. The discovery well is the WOG Inc. State Well No. 1 located in Unit A of Section 11, Township 11 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 11 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 11: N/2

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Grayburg production and designated as the Lone Ranger-Grayburg Pool. The discovery well is the Pogo Producing Company Buffalo Federal Well No. 1 located in Unit B of Section 11, Township 19 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 11: NE/4

(d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Rattlesnake Flat-Delaware Pool. The discovery well is the Yates Petroleum Corporation Arapaho AKP Federal Well No. 1 located in Unit O of Section 29, Township 26 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 26 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 29: SE/4

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the West Triste Draw-Delaware Pool. The discovery well is the Harvard Petroleum Corporation State IG Well No. 1 located in Unit B of Section 32, Township 23 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 29: S/2  
Section 32: NE/4

(f) EXTEND the North Airstrip-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM ✓  
Section 23: NE/4

Nomenclature Advertisement for September, 1992

(g) EXTEND the North Anderson Ranch-Wolfcamp Pool In Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 15: W/2  
Section 16: SE/4

(h) EXTEND the ARAB-C-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 5: Lots 9, 10, 15 and 16

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 33: S/2  
Section 34: S/2

(j) EXTEND the Buffalo-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 32: SW/4

(k) EXTEND the Buffalo-Yates Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 2: NE/4

(l) EXTEND the Corbin-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 7: NE/4

(m) EXTEND the South Corbin-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM ✓  
Section 16: NE/4  
Section 29: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM ✓  
Section 15: NW/4  
Section 16: NE/4  
Section 22: NW/4

(o) EXTEND the Lost Tank-Delaware Pool in Eddy & Lea Counties, New Mexico, to include therein:

Nomenclature Advertisement for September, 1992

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM ✓

Section 19: SW/4

Section 30: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM ✓

Section 1: NW/4

Section 2: NE/4

(q) EXTEND the Querecho Plains-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM ✓

Section 24: SW/4

(r) EXTEND the Red Hills-Wolfcamp Gas Pool in Lea County, New Mexico, to include therein:

7 TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM ✓

Section 21: ~~S/2~~ All

(s) EXTEND the Rhodes Yates-Seven Rivers Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM ✓

Section 5: SW/4

Section 6: SE/4

(t) EXTEND the Teague-Blinbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM ✓

Section 34: SE/4

(u) EXTEND the Teas-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM ✓

Section 13: S/2

(v) EXTEND the Tonto-Bone Spring Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM ✓

Section 9: SE/4

Section 15: W/2

Section 16: NE/4

(w) EXTEND the North Tulk-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 32 EAST, NMPM ✓

Section 20: SE/4

Section 28: E/2 and NW/4

Section 29: NE/4

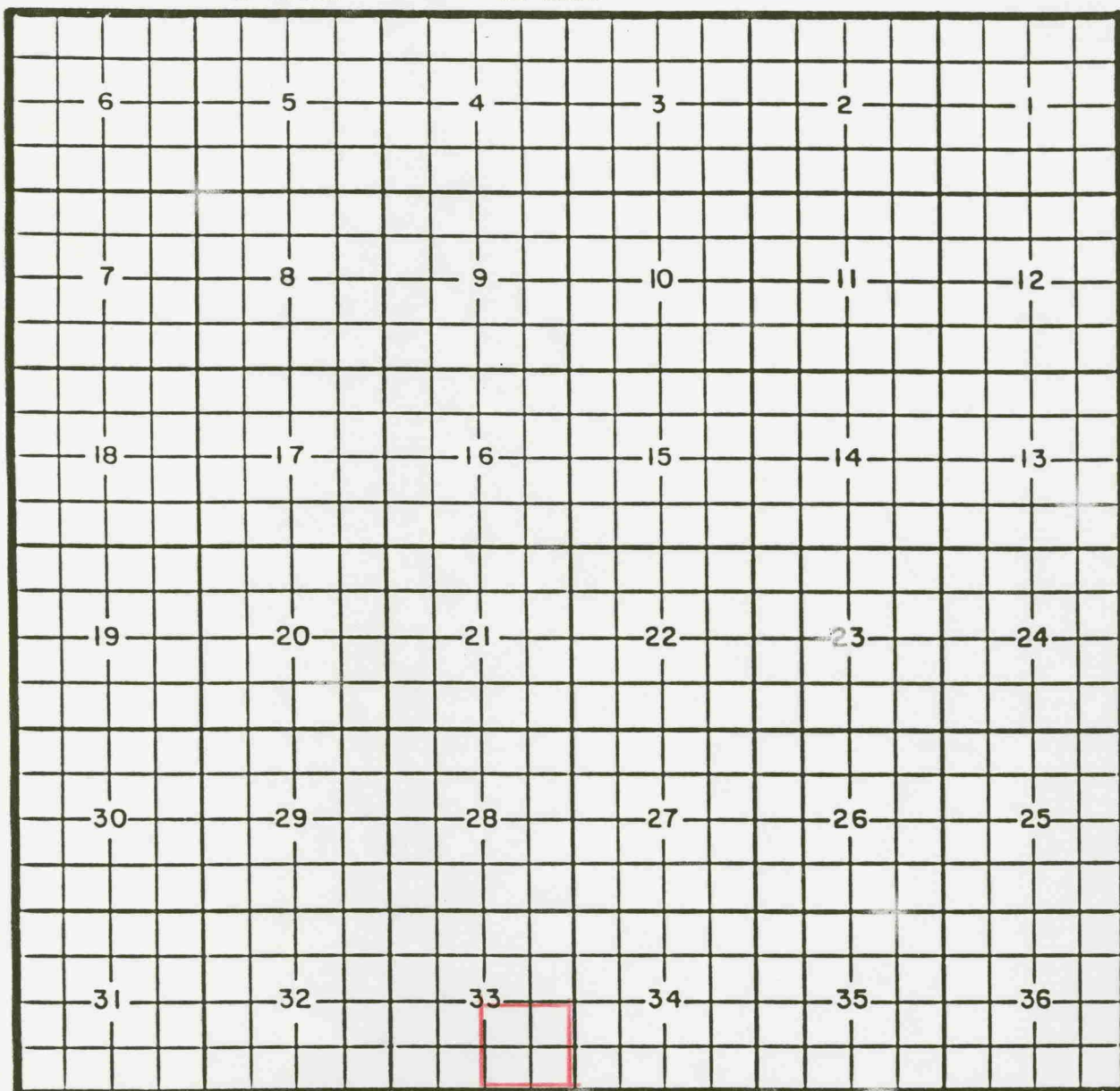
COUNTY LEA

POOL EAST BIG DOG-STRAWN

TOWNSHIP 15 South

RANGE 35 East

NMPM



PURPOSE: One completed oil well capable of producing.

Charles B. Gillespie Jr. Hamilton Federal Well No. 1 located in Unit 0 of Section 33, Township 15 South, Range 35 East, NMPM. It was completed June 8, 1992, in the Strawn formation. The top of the perforations is at 11,500 feet.

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



CASE NO. 10561 (b) CREATION OF A NEW GAS POOL

COUNTY LEA

POOL EAST CAPROCK-MISSISSIPPIAN GAS

TOWNSHIP 11 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 completed gas well capable of producing.

WOG Inc. State Well No. 1 located in Unit A of Section 11, Township 11 South, Range 32 East, NMPM. It was completed April 29, 1992, in the Atoka formation. The top of the perforations is at 10,558 feet.

Proposed pool boundary outlined in red. Section 11: N/2

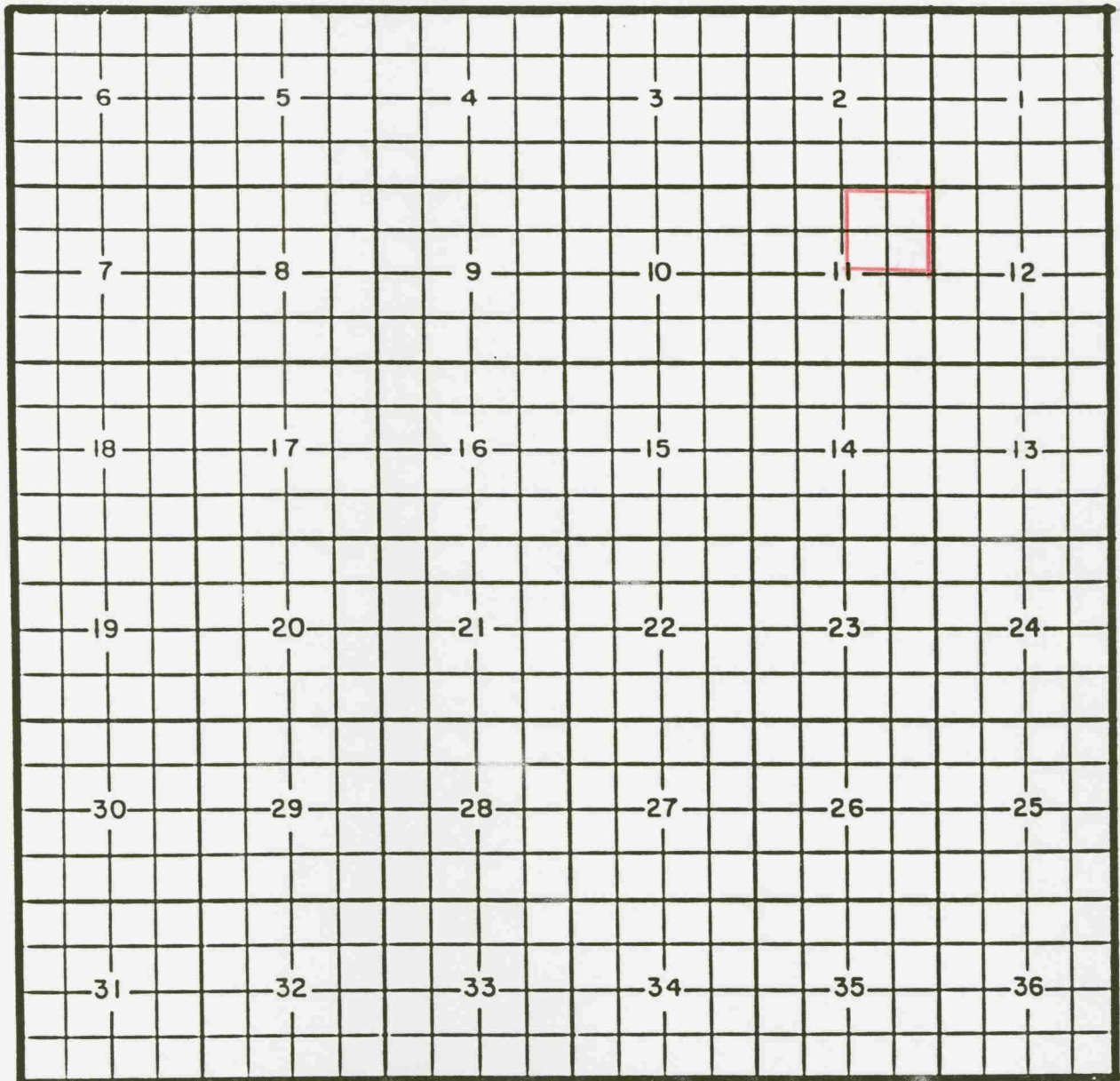
COUNTY LEA

POOL LONE RANGER-GRAYBURG

TOWNSHIP 19 South

RANGE 33 East

NMPM



PURPOSE: Once completed oil well capable of producing  
Pogo Producing Company Buffalo Federal Well No. 1 located in Unit B of Section  
11, Township 19 South, Range 33 East, NMPM. It was completed July 1, 1992, in  
the Grayburg formation. The top of the perforations is at 4,935 feet.

Proposed pool boundary outlined in red. Section 11: NE/4



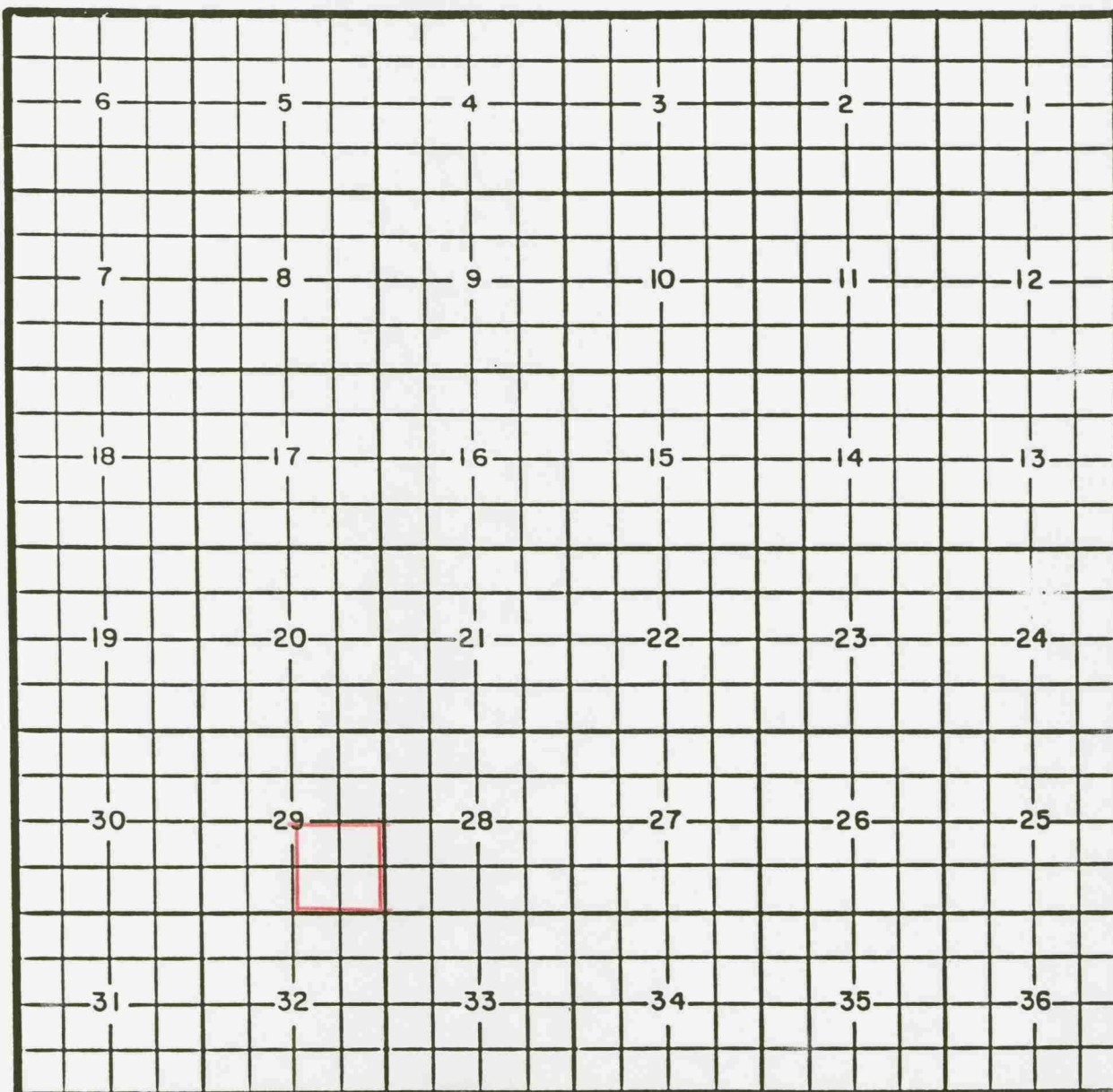
COUNTY LEA

POOL RATTLESNAKE FLAT-DELAWARE

TOWNSHIP 26 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Arapaho AKP Federal Well No. 1 located in Unit 0 of Section 29, Township 26 South, Range 33 East, NMPM. It was completed April 28, 1992, in the Delaware formation. The top of the perforations is at 4,820 feet.

Proposed pool boundary outlined in red. Section 29: SE/4

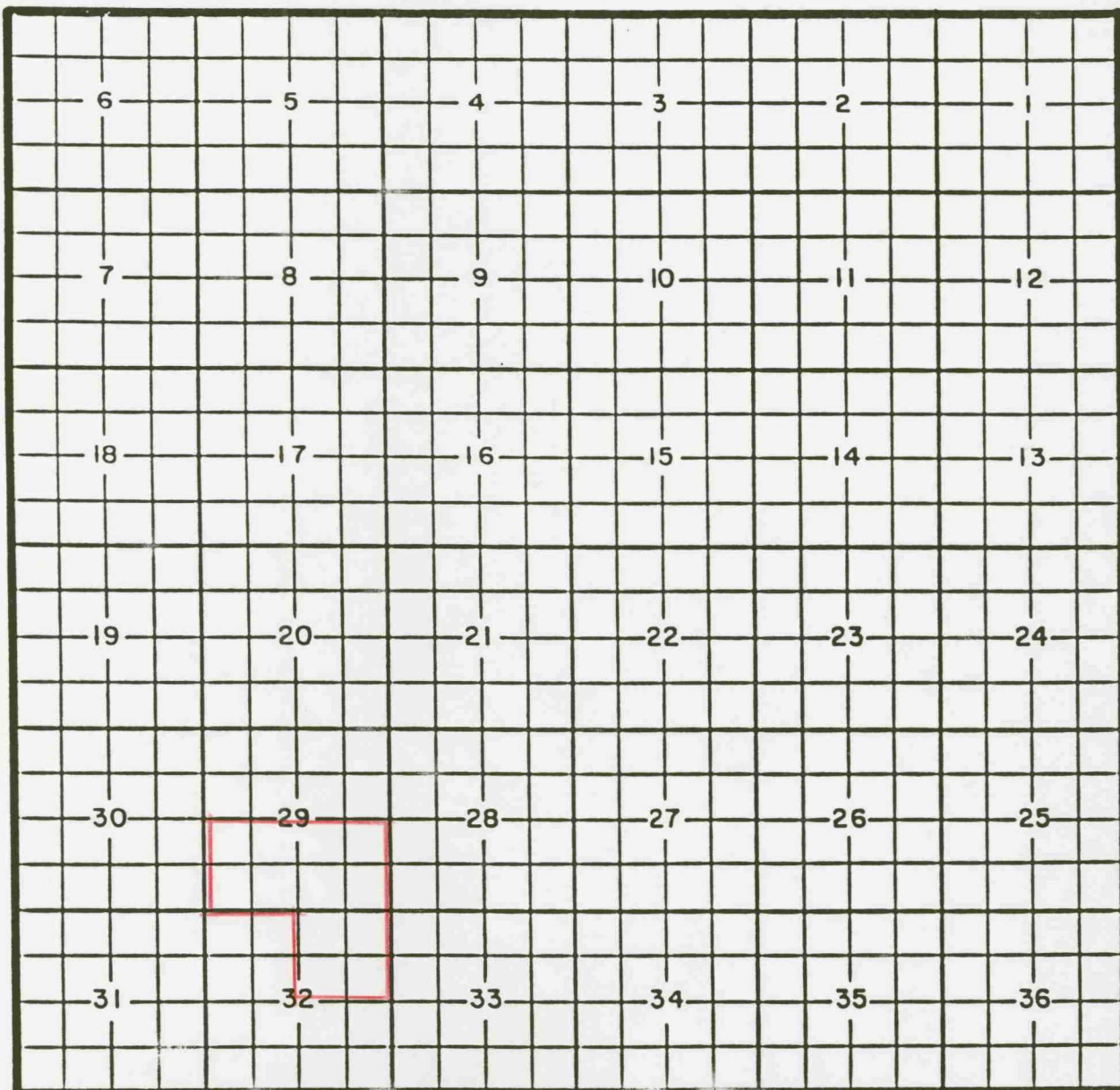
COUNTY LEA

POOL WEST TRISTE DRAW-DELAWARE

TOWNSHIP 23 South

RANGE 32 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

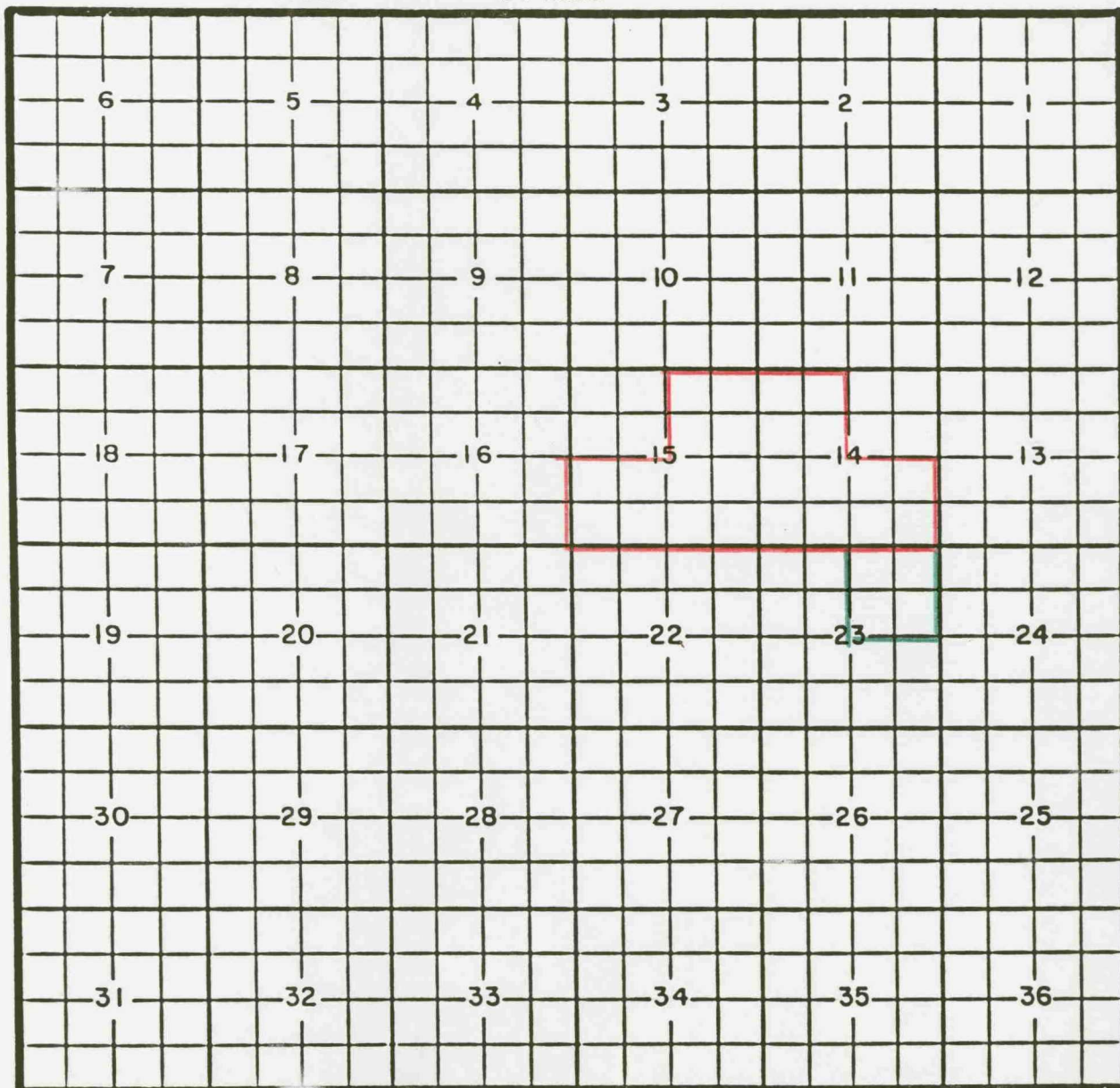
Harvard Petroleum Corp. State IG Well No. 1 located in Unit B of Section 32, Township 23 South, Range 32 East, NMPM. It was completed April 8, 1992, in the Delaware formation. The top of the perforations is at 7,992 feet. Harvard Petroleum Corp. James Federal Well No. 2 located in Unit N of Section 29, Township 23 South, Range 32 East, NMPM. It was completed June 30, 1992, in the Delaware formation. The top of the perforations is at 4,753 feet.

Proposed pool boundary outlined in red. Section 29: S/2



COUNTY LEA POOL NORTH AIRSTRIIP-BONE SPRING

TOWNSHIP 18 South RANGE 34 East NMPM



PURPOSE: One completed oil well capable of producing.

Meridian Oil Inc. Tonto 23 Well No. 1 located in Unit B of Section 23, Township 18 South, Range 34 East, NMPM. It was completed June 6, 1992, in the Bone Spring formation. The top of the perforations is at 9,681 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 23: NE/4

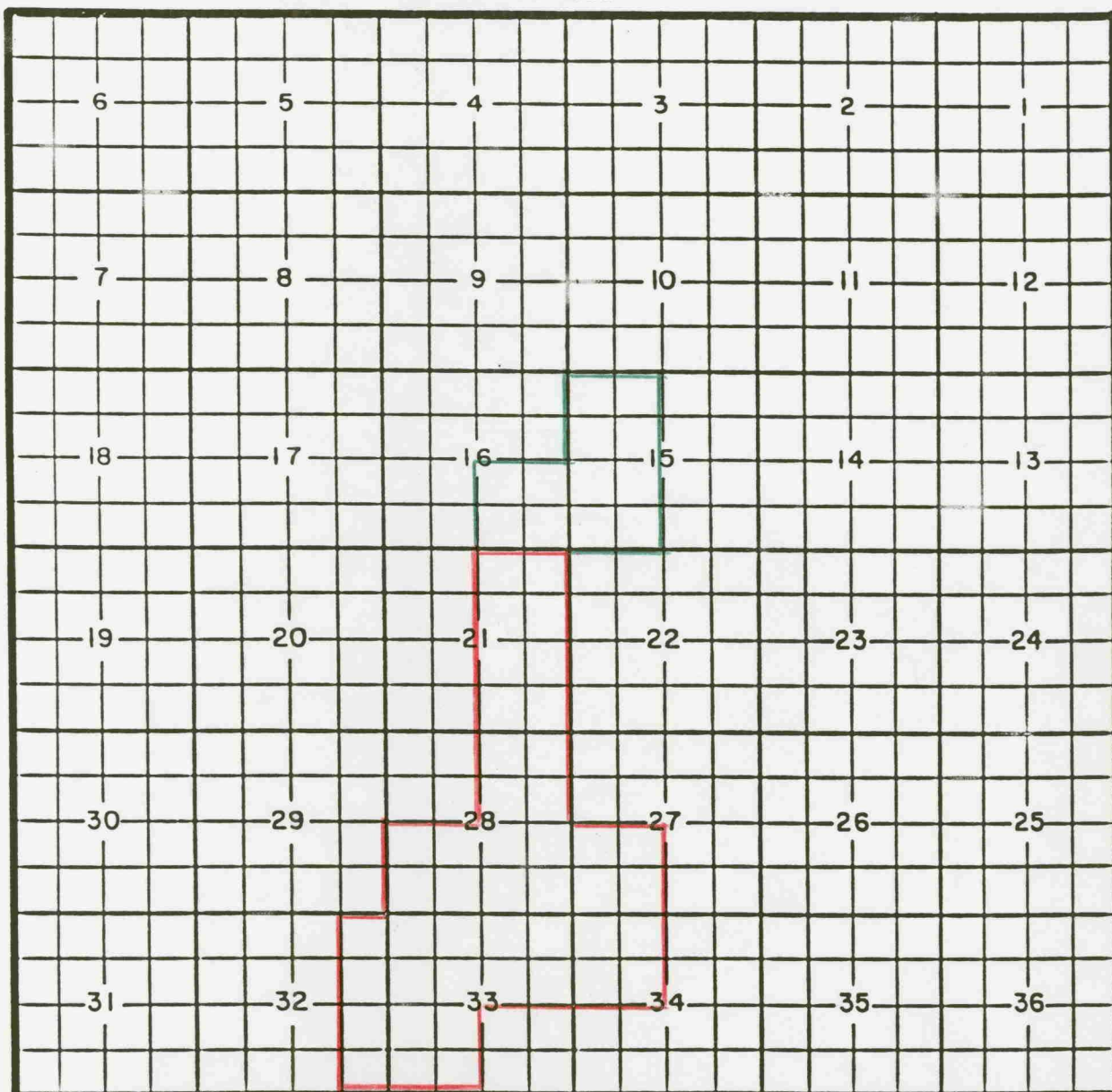
COUNTY LEA

POOL NORTH ANDERSON RANCH-WOLFCAMP

TOWNSHIP 15 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

H. L. Brown Jr. Lovelady State Well No. 1 located in Unit E of Section 15, Township 15 south, Range 32 East, NMPM. It was completed October 17, 1985, in the Wolfcamp formation. The top of the perforations is at 9,812 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 15: W/2

Section 16: SE/4



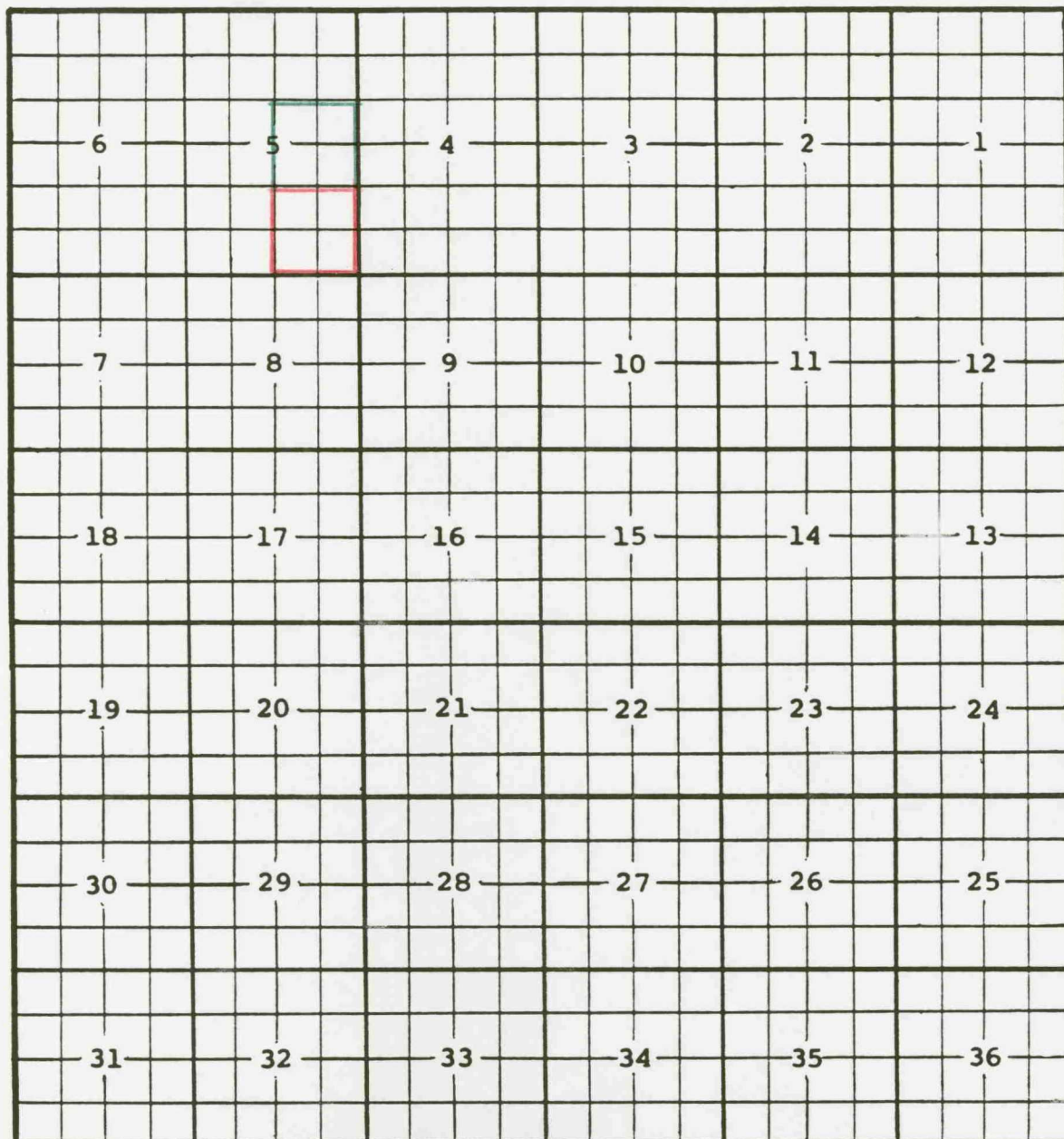
COUNTY LEA

POOL ARAB-C-SAN ANDRES

TOWNSHIP 16 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Juandell ALG Well No. 1 located in Unit P of Section 5, Township 16 South, Range 33 East, NMPM. It was completed August 1, 1992, in the San Andres formation. The top of the perforations is at 5,677 feet.

Pool boundary outlined in red.

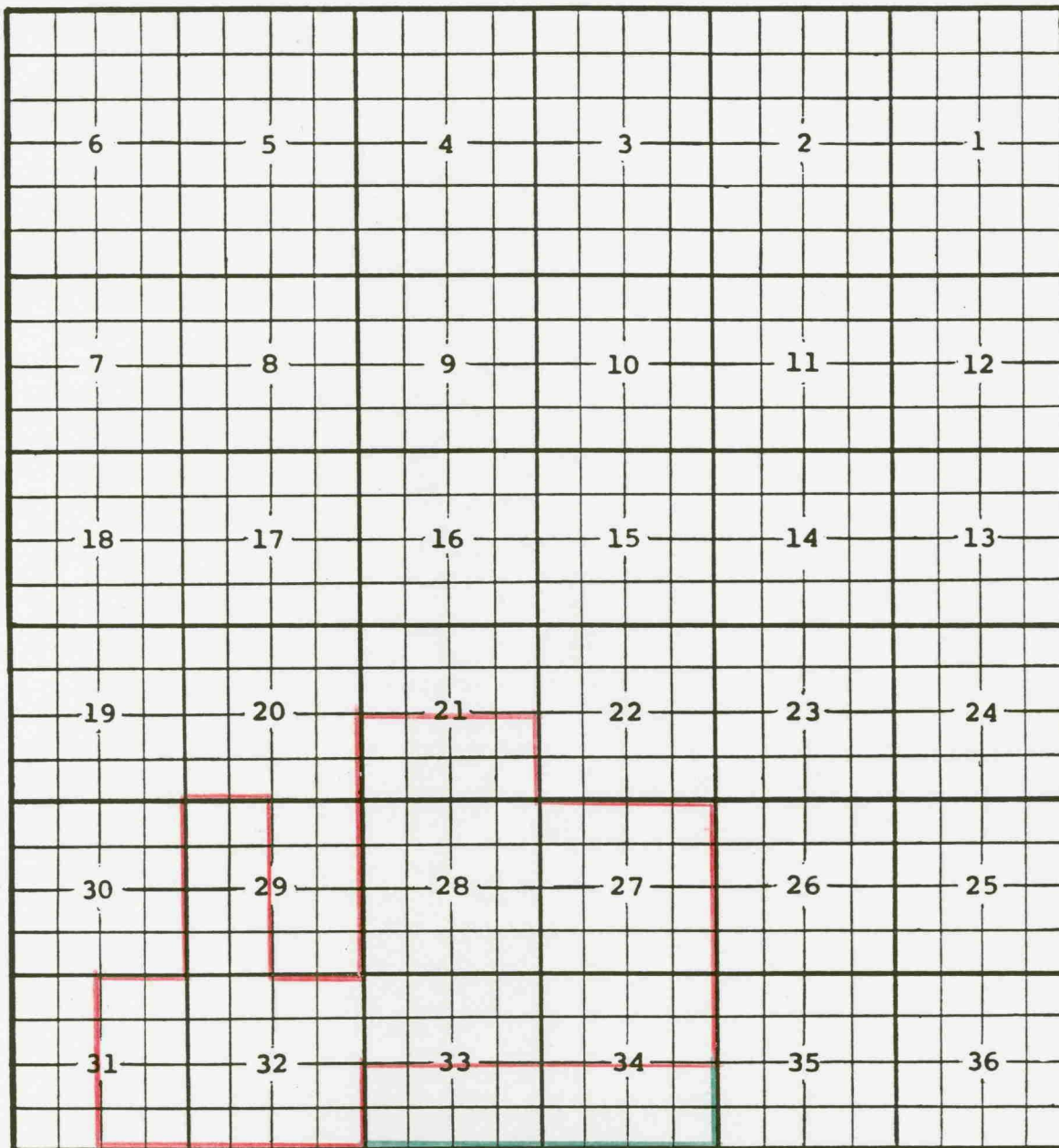
Proposed pool extension outlined in green. Section 5: Lots 9, 10, 15 and 16

COUNTY LEA POOL BILBREY-MORROW GAS

TOWNSHIP 21 South

RANGE 32 East

NMPM



PURPOSE: One completed gas well capable of producing.

Phillips Petroleum Company bilbrey 34 Federal Com Well No. 1 located in Unit N of Section 34, Township 21 South, Range 32 East, NMPM. It was completed March 24, 1992, in the Morrow formation. The top of the perforations is at 14,467 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 33: S/2

Section 34: S/2

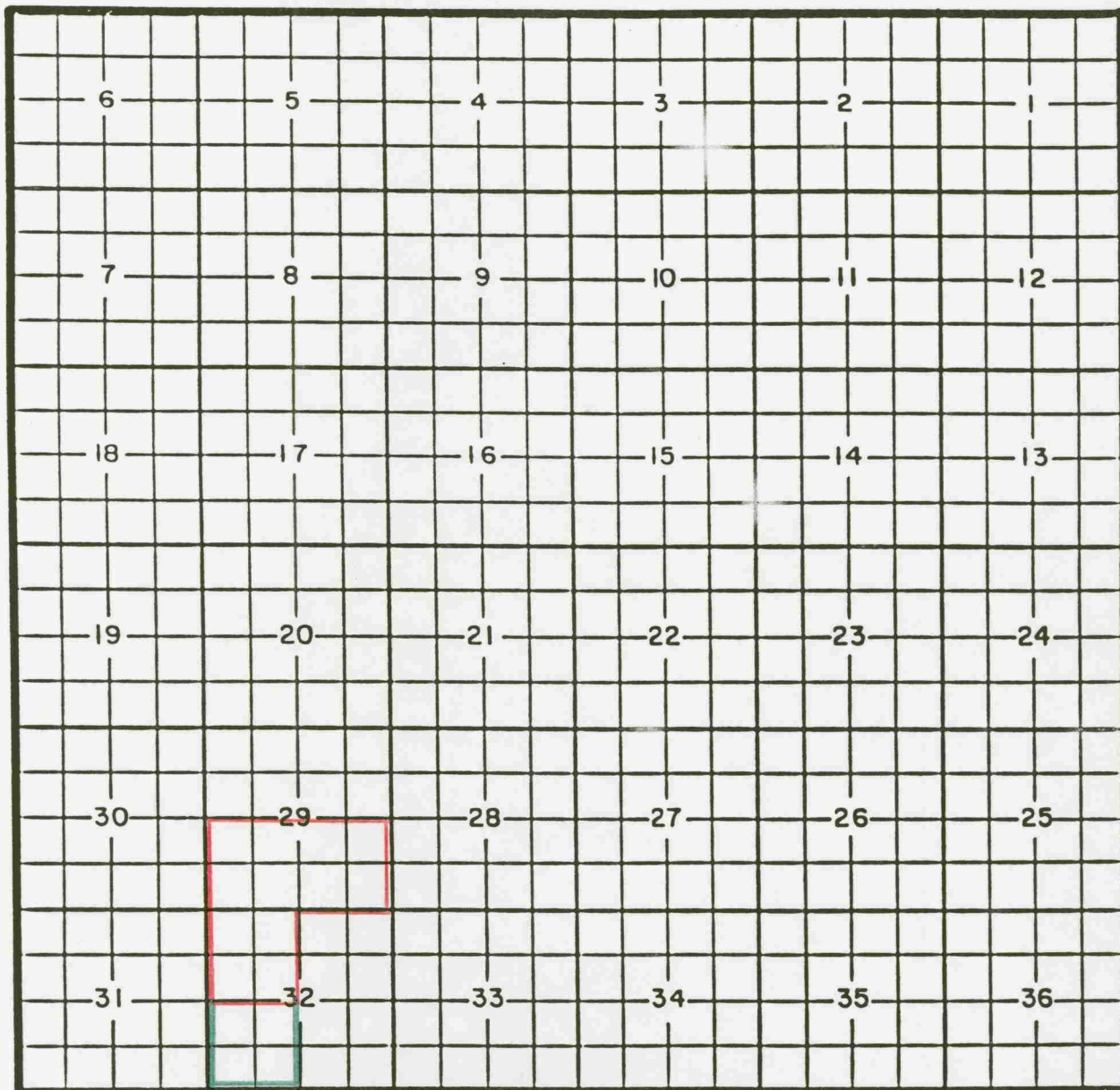


COUNTY LEA

POOL BUFFALO-QUEEN

TOWNSHIP 18 South RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Chi Operating Inc. Bison State Well No. 1 located in Unit L of Section 32, Township 18 South, Range 33 East, NMPM. It was completed May 23, 1992, in the Queen formation. The top of the perforations is at 4,448 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 32: SW/4

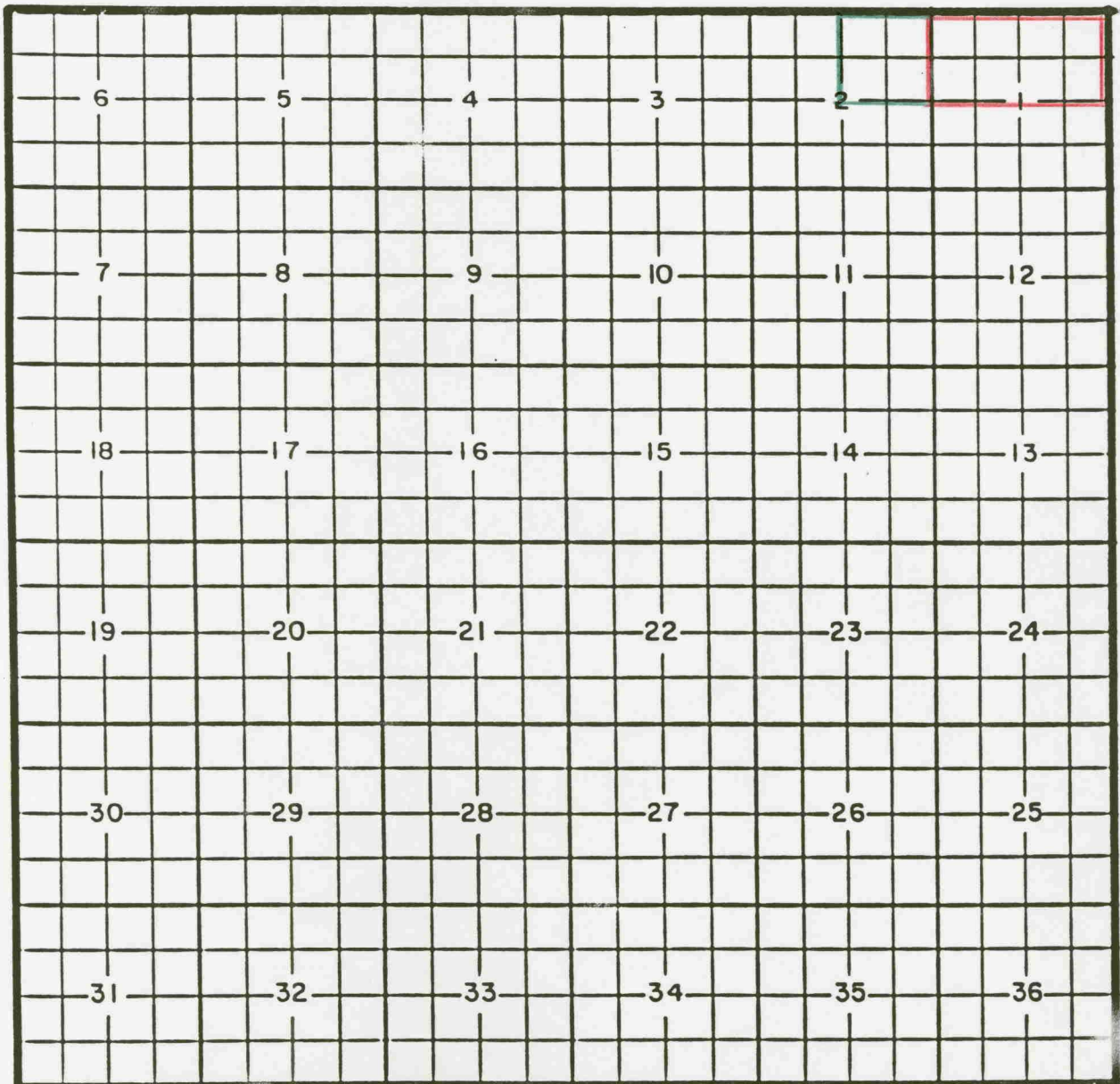
COUNTY LEA

POOL BUFFALO-YATES

TOWNSHIP 19 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Mitchell Energy Corporation Cochise 2 State Well No. 1 located in Unit H of Section 2, Township 19 South, Range 32 East, NMPM. It was completed August 9, 1992, in the Yates formation. The top of the perforations is at 3,440 feet.

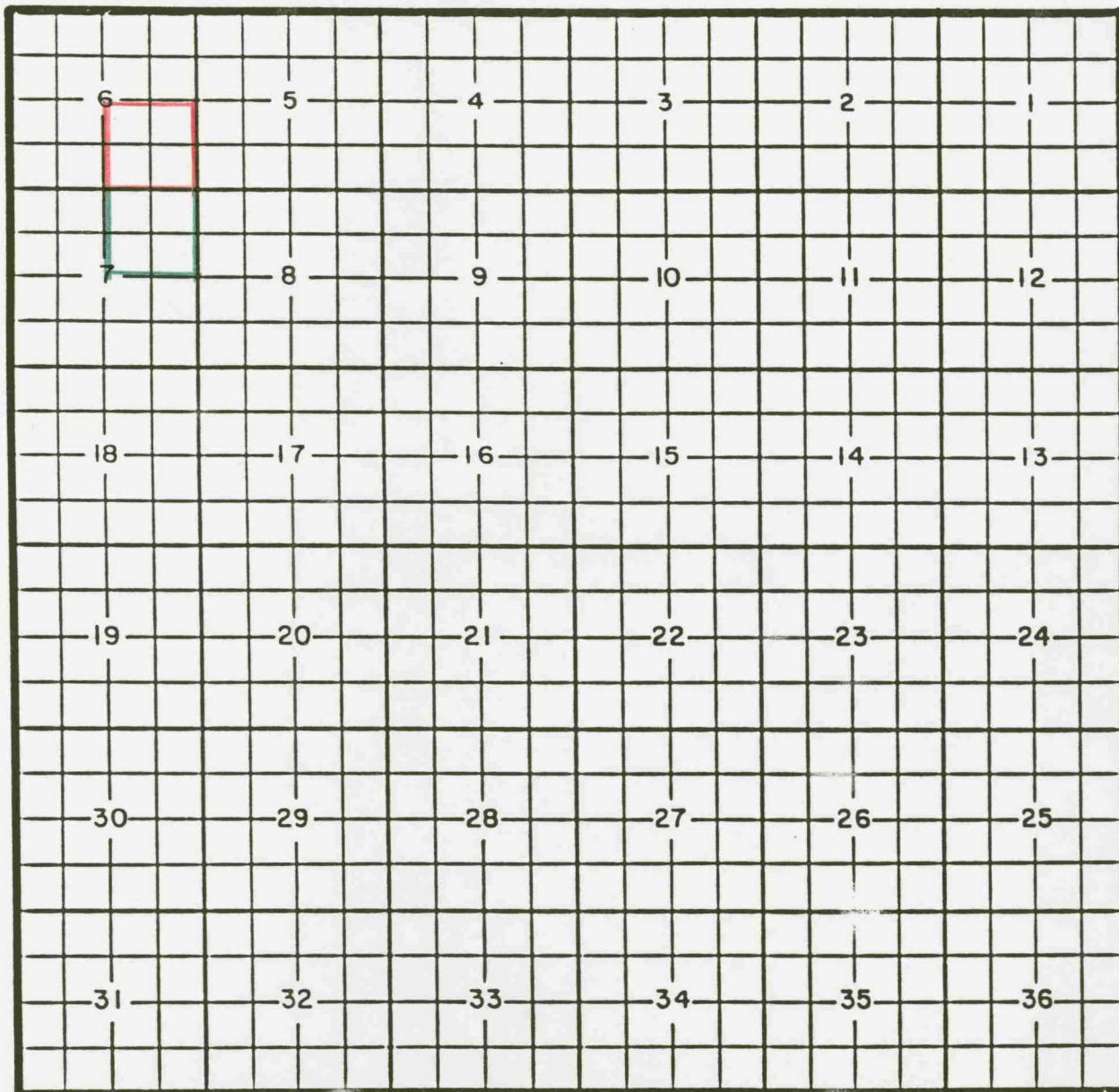
Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 2: NE/4



COUNTY LEA POOL CORBIN-BONE SPRING

TOWNSHIP 18 South RANGE 33 East NMPM



PURPOSE: One completed oil well capable of producing.

Southland Royalty Company West Corbin Federal Well No. 30 located in Unit H of Section 7, Township 18 South, Range 33 East, NMPM. It was completed June 27, 1992, in the Bone Spring formation. The top of the perforations is at 9,914 feet.

Pool boundary outlined in red.

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

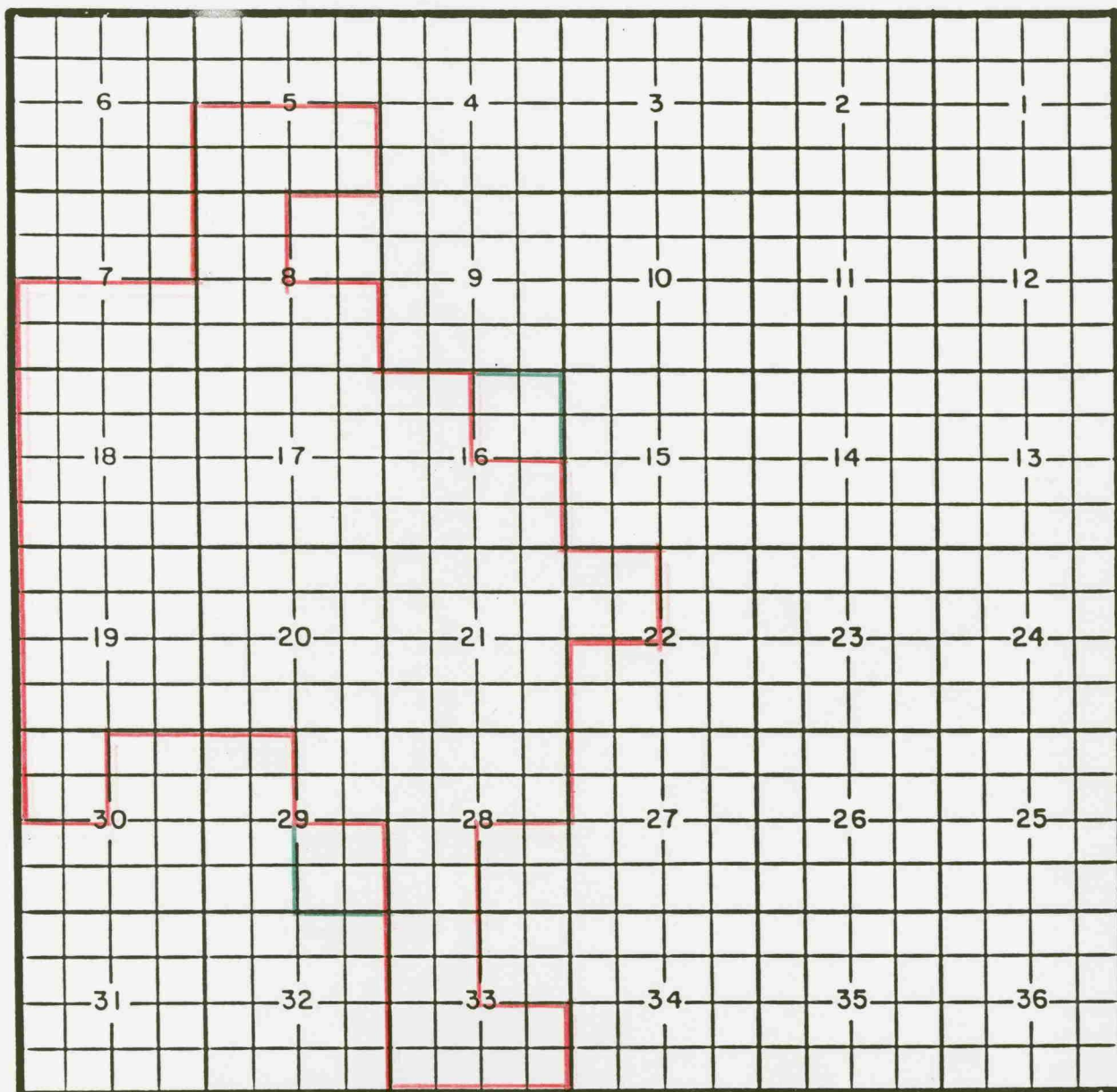
COUNTY LEA

POOL SOUTH CORBIN-WOLFCAMP

TOWNSHIP 18 South

RANGE 33 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Meridian Oil Inc. Corbin State Well No. 2 located in Unit H of Section 16, Township 18 South, Range 33 East, NMPM. It was completed June 6, 1992, in the Wolfcamp formation. The top of the perforations is at 11,202 feet. Matador Operating Co. Arco Federal 29 Com Well No. 1 located in Unit I of Section 29, Township 18 South, Range 33 East, NMPM. It was completed June 26, 1992, in the Wolfcamp formation. The top of the perforations is at 11,150 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 16: NE/4; Section 29: SE/4



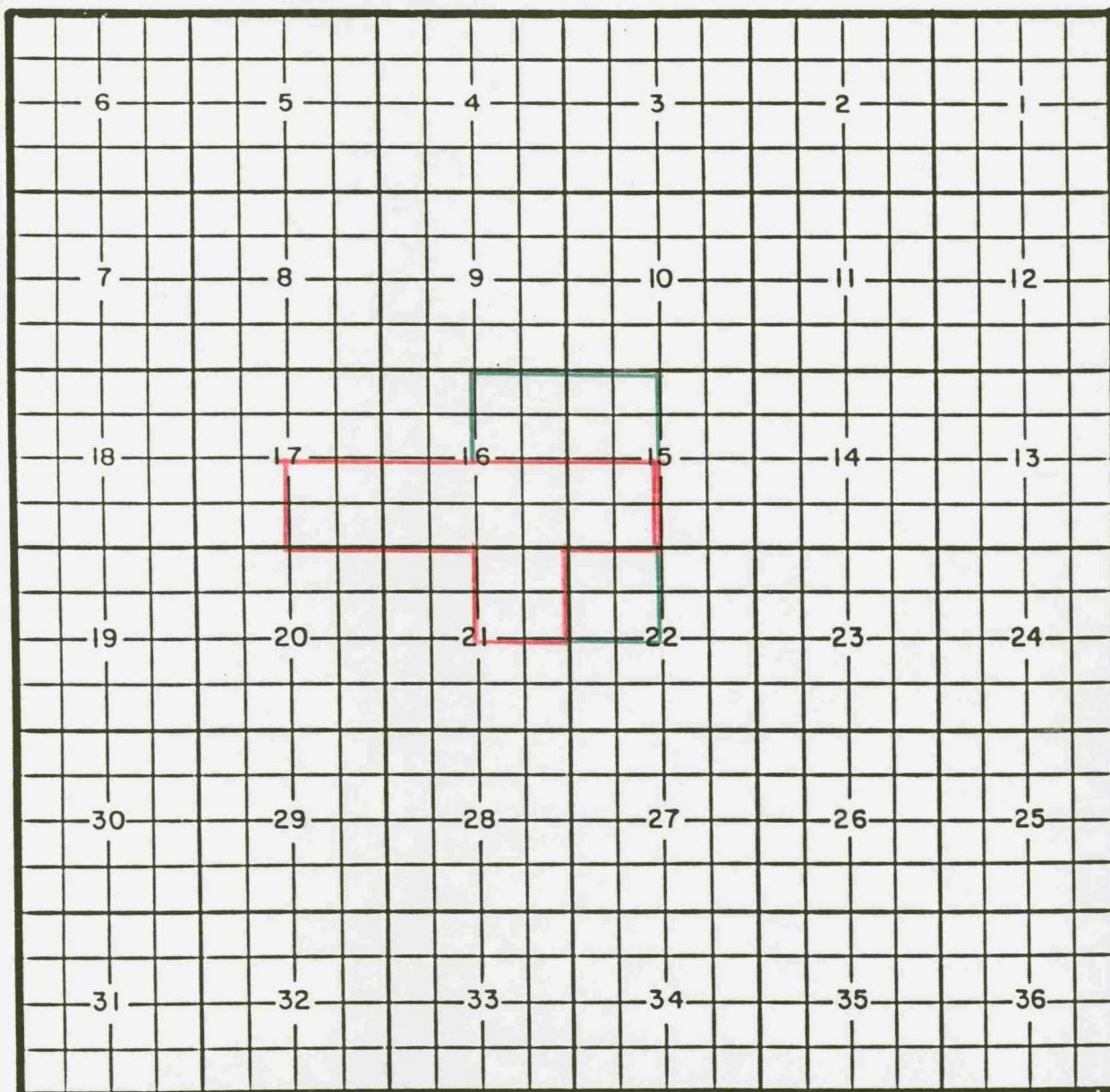
COUNTY LEA

POOL EAST LIVINGSTON RIDGE-DELAWARE

TOWNSHIP 22 South

RANGE 32 East

NMPM



PURPOSE: Three completed oil wells capable of producing.

Strata Prod. Co. Paisano Fed #1-E, 15-22-32 Completed 4/22/92. Top Perfs 7,278 ft.

Yates Petro Corp. Kiwi AKX St #3-H, 16-22-32 Completed 6/28/92. Top perfs 7,117 ft.

Strata Prod. Co. Cercion Fed #2-D, 22-22-32 Completed 7/18/92. Top perfs 6,995 ft.

Pool boundary outlined in red.

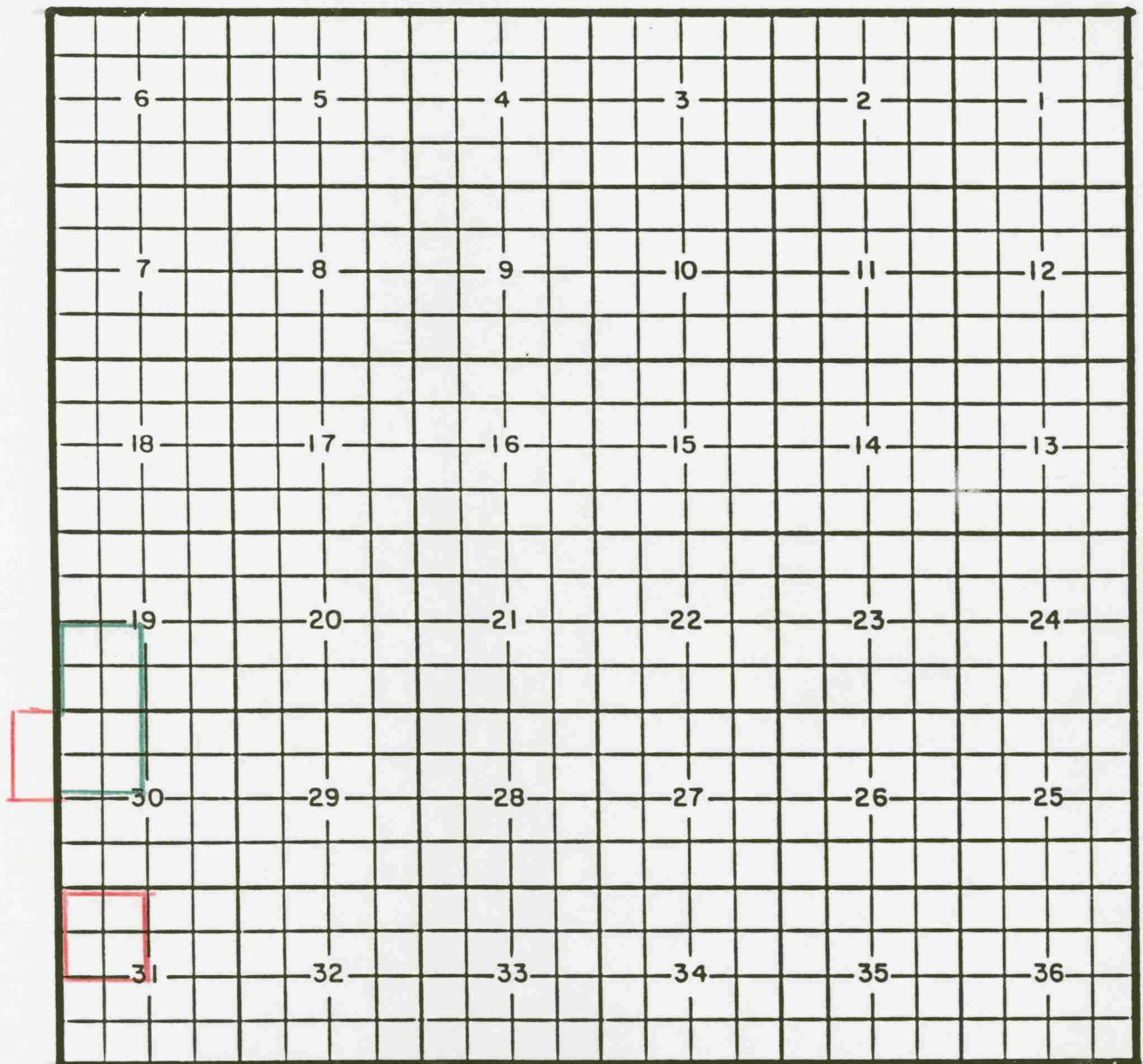
Proposed pool extension outlined in green. Section 15: NW/4

Section 16: NE/4

Section 22: NW/4

COUNTY LEA POOL LOST TANK-DELAWARE

TOWNSHIP 21 South RANGE 32 East NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Bonneville AKK Federal Well No. 2 located in Unit M of Section 19, Township 21 South, Range 32 East, NMPM. It was completed June 10, 1992, in the Delaware formation. The top of the perforations is at 6,661 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 19: SW/4

Section 30: NW/4



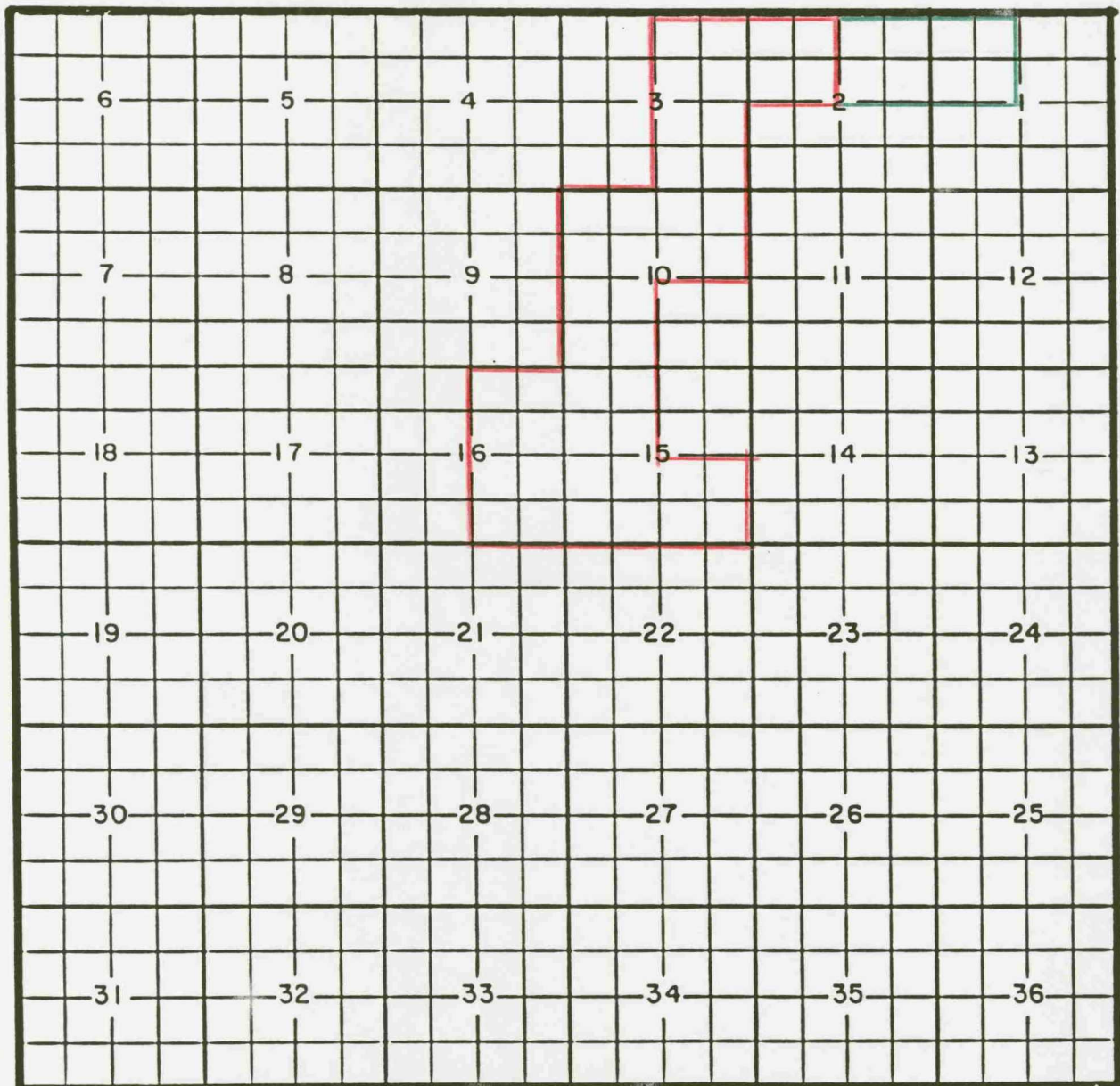
COUNTY LEA

POOL East Lusk-Wolfcamp

TOWNSHIP 19 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Mitchell Energy Corporation Cochise "1" Federal well No. 1 located in Unit E of Section 1, Township 19 South, Range 32 East, NMPM. it was completed July 29, 1992, in the Wolfcamp formation. The top of the perforations is at 11,104 feet.

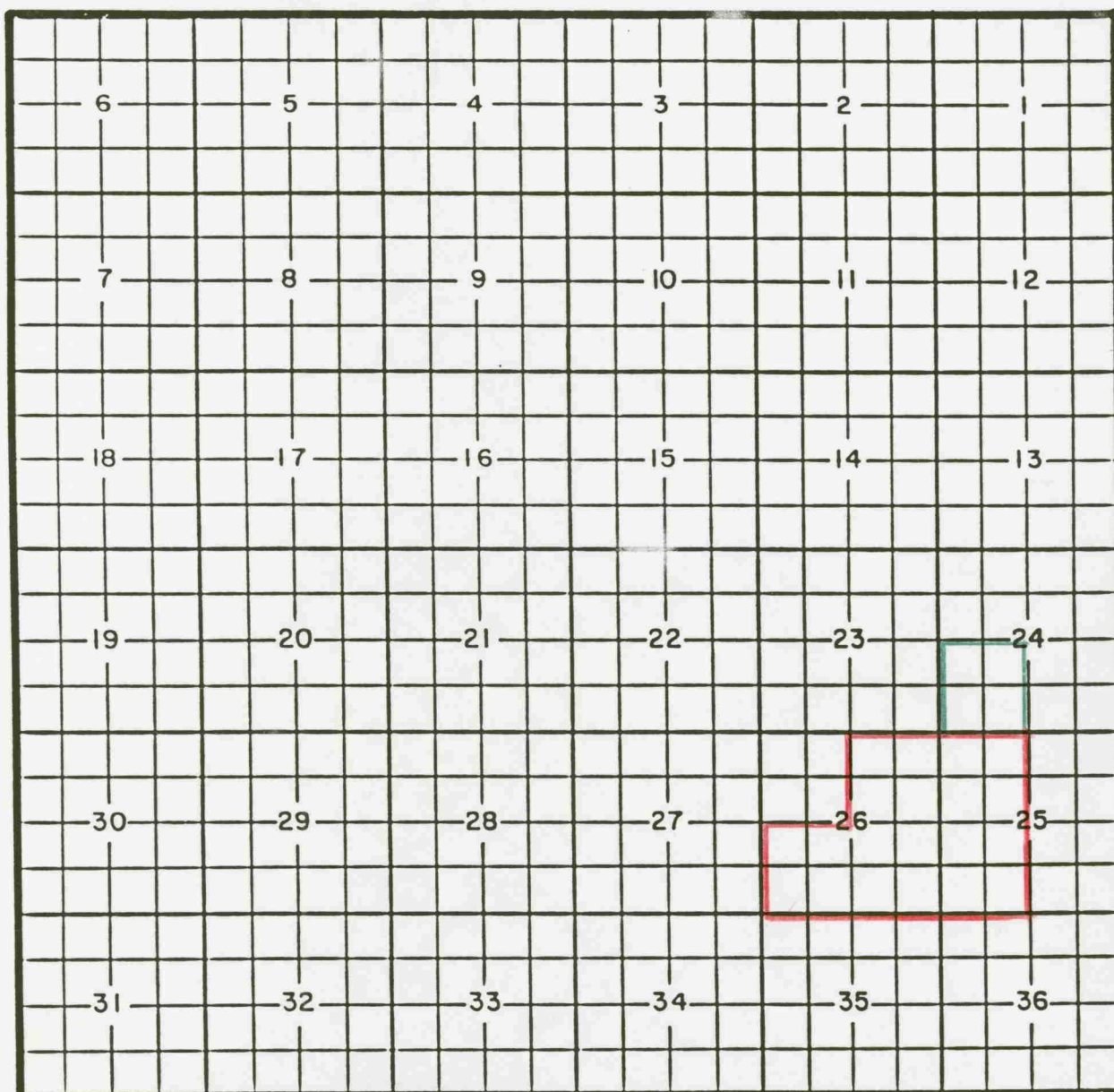
Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 1: NW/4

Section 2: NE/4

COUNTY LEA POOL QUERECHO PLAINS-DELAWARE

TOWNSHIP 18 South RANGE 32 East NMPM



PURPOSE: One completed oil well capable of producing.

Marathon Oil Company French Federal Well No. 1 located in Unit M of Section 24, Township 18 South, Range 32 East, NMPM. It was completed March 13, 1992, in the Delaware formation. The top of the perforations is at 6,650 feet.

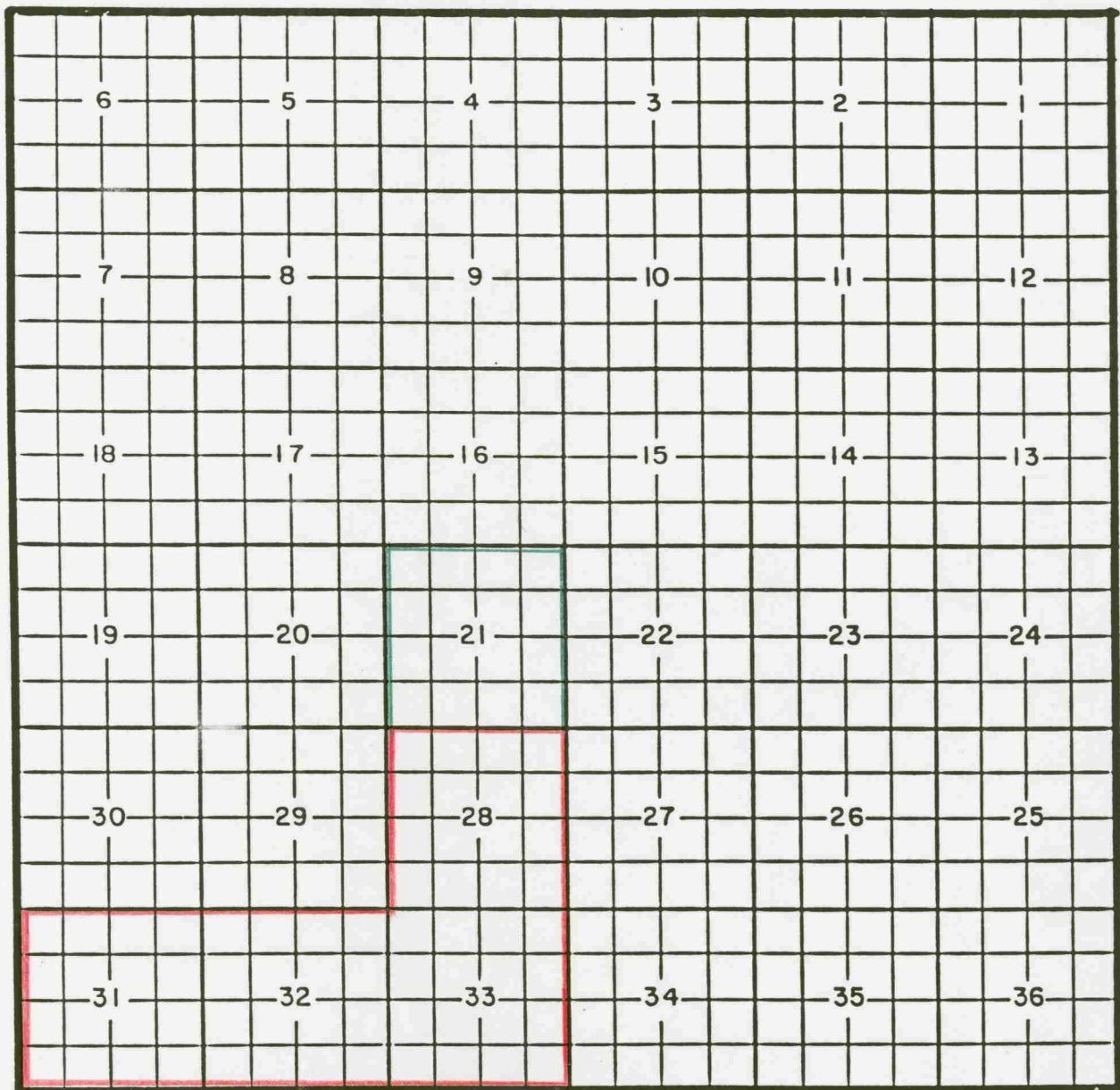
Pool boundary outlined in red.

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



COUNTY LEA POOL RED HILLS-WOLFCAMP GAS

TOWNSHIP 25 south RANGE 33 East NMPM



PURPOSE: One completed gas well capable of producing.

Enron Oil & Gas Company Brinninstool 21 Federal Well No. 1 located in Unit 0 of Section 21, Township 25 south, Range 33 East, NMPM. It was completed July 9, 1992, in the Wolfcamp formation. The top of the perforations is at 13,666 feet.

Pool boundary outlined in red.

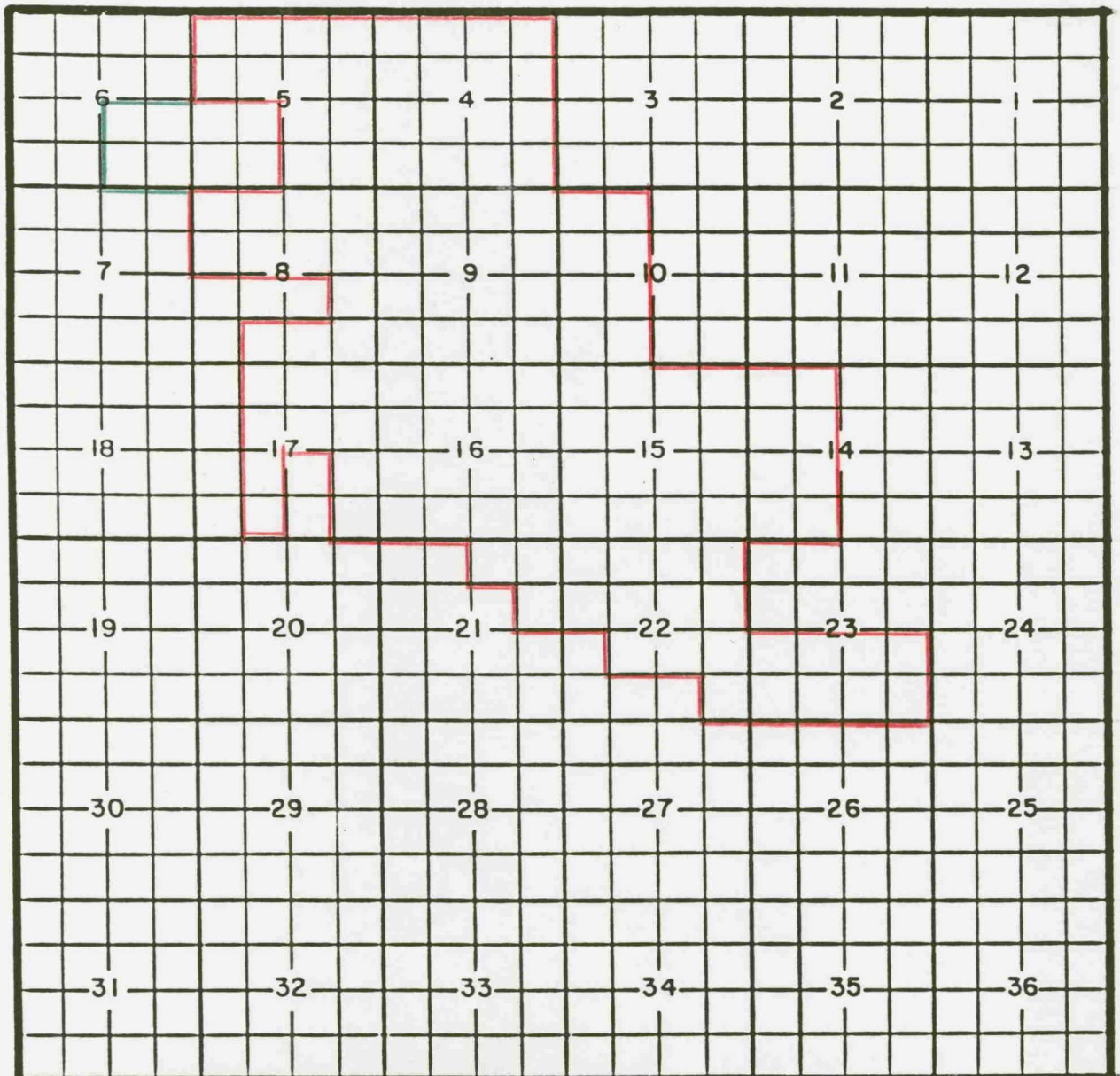
Proposed pool extension outlined in green. Section 21: All

COUNTY LEA

POOL RHODES YATES-SEVEN RIVERS GAS

TOWNSHIP 26 South RANGE 37 East

NMPM



PURPOSE: One completed gas well capable of producing.

Meridian Oil Inc. C. W. Shepherd Federal Well No. 10 located in Unit P of Section 6, Township 26 South, Range 37 East, NMPM. it was completed July 24, 1992, in the Yates formation. The top of the perforations is at 2,861 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 5: SW/4

Section 6: SE/4

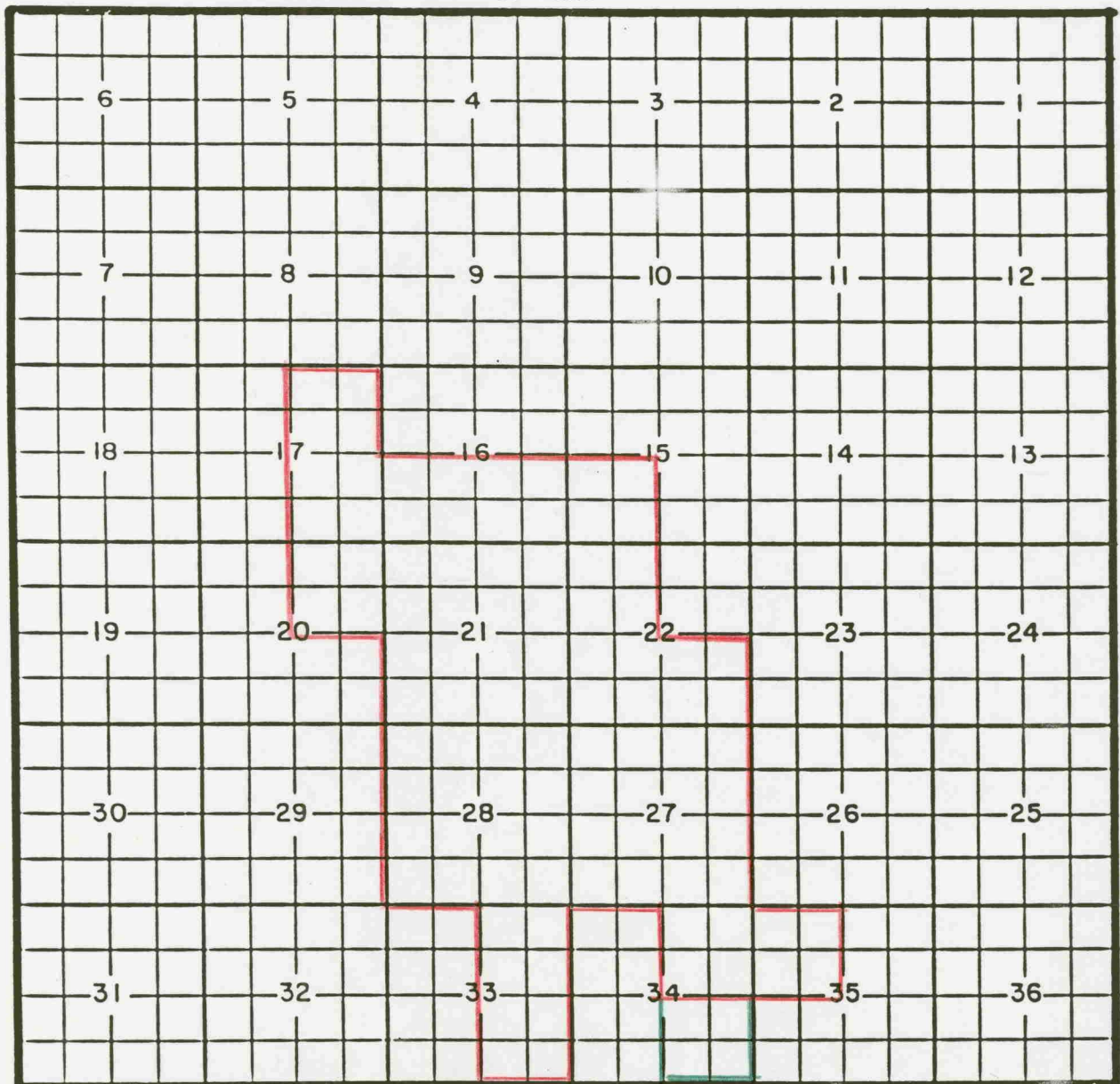


POOL      TEAGUE-BLINEBRY

TOWNSHIP 23 South

RANGE 37 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Plains Petroleum Operating Company E.C. Hill D Federal Well No. 6 located in Unit I  
of Section 34, Township 23 South, Range 37 East, NMPM. It was completed May 10,  
1992, in the Blinebry formation. The top of the perforations is at 5,379 feet.

Plains Petroleum Operating Company E.C. Hill "B" Federal Well No. 7 located in Unit J of Section 34, Township 23 South, Range 37 East, NMPM. It was completed July 23, 1992, in the Blinbry formation. The top of the perforations is at 5,297 ft.

Pool boundary outlined in red.

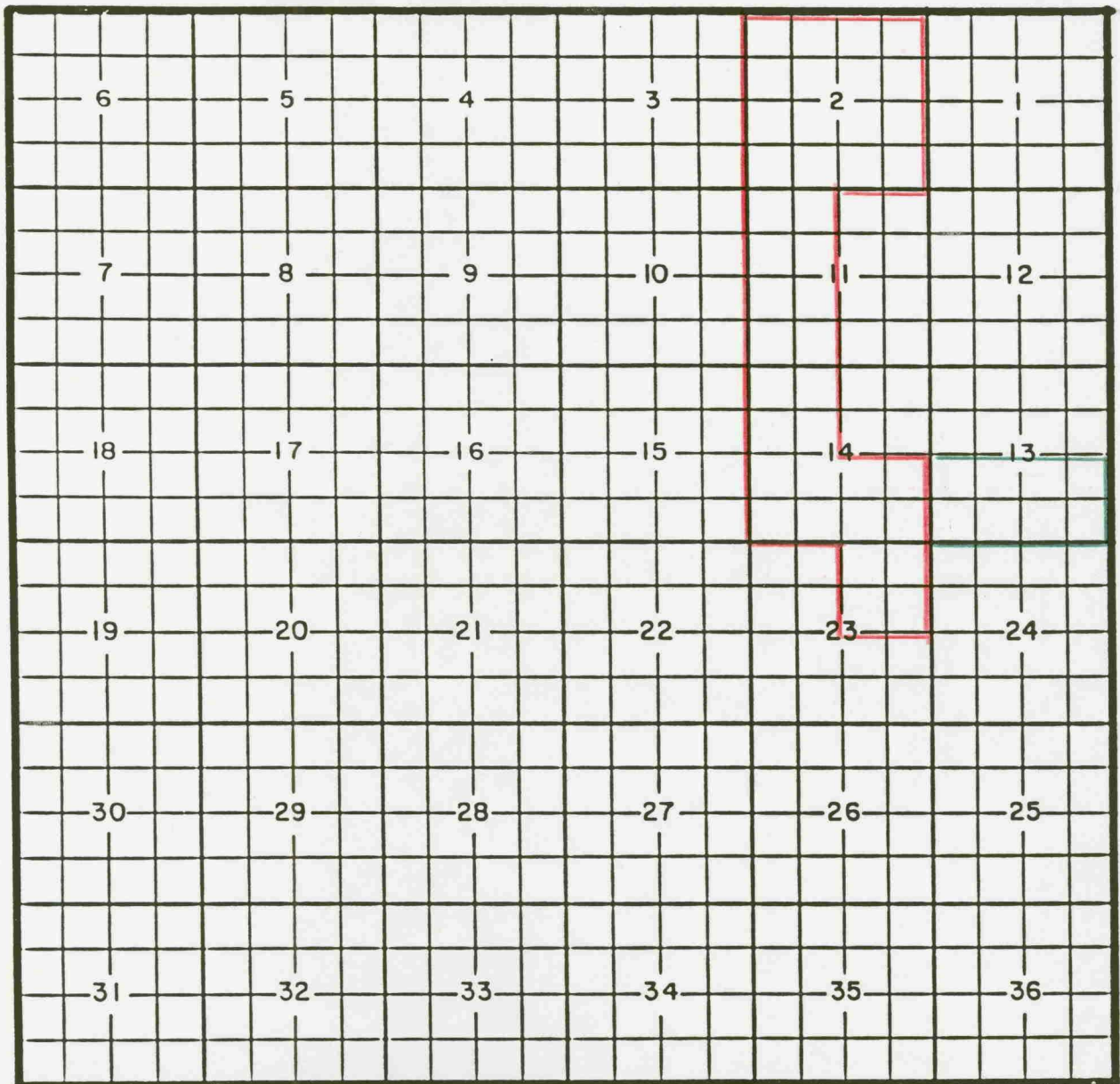
Proposed pool extension outlined in green. Section 34: SE/4

COUNTY LEA

POOL TEAS-BONE SPRING

TOWNSHIP 20 South RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Collins & Ware Inc. Sharp Nose Federal Well No. 1 located in Unit J of Section 13, Township 20 South, Range 33 East, NMPM. It was completed June 20, 1992, in the Bone Spring formation. The top of the perforations is at 9,422 feet.

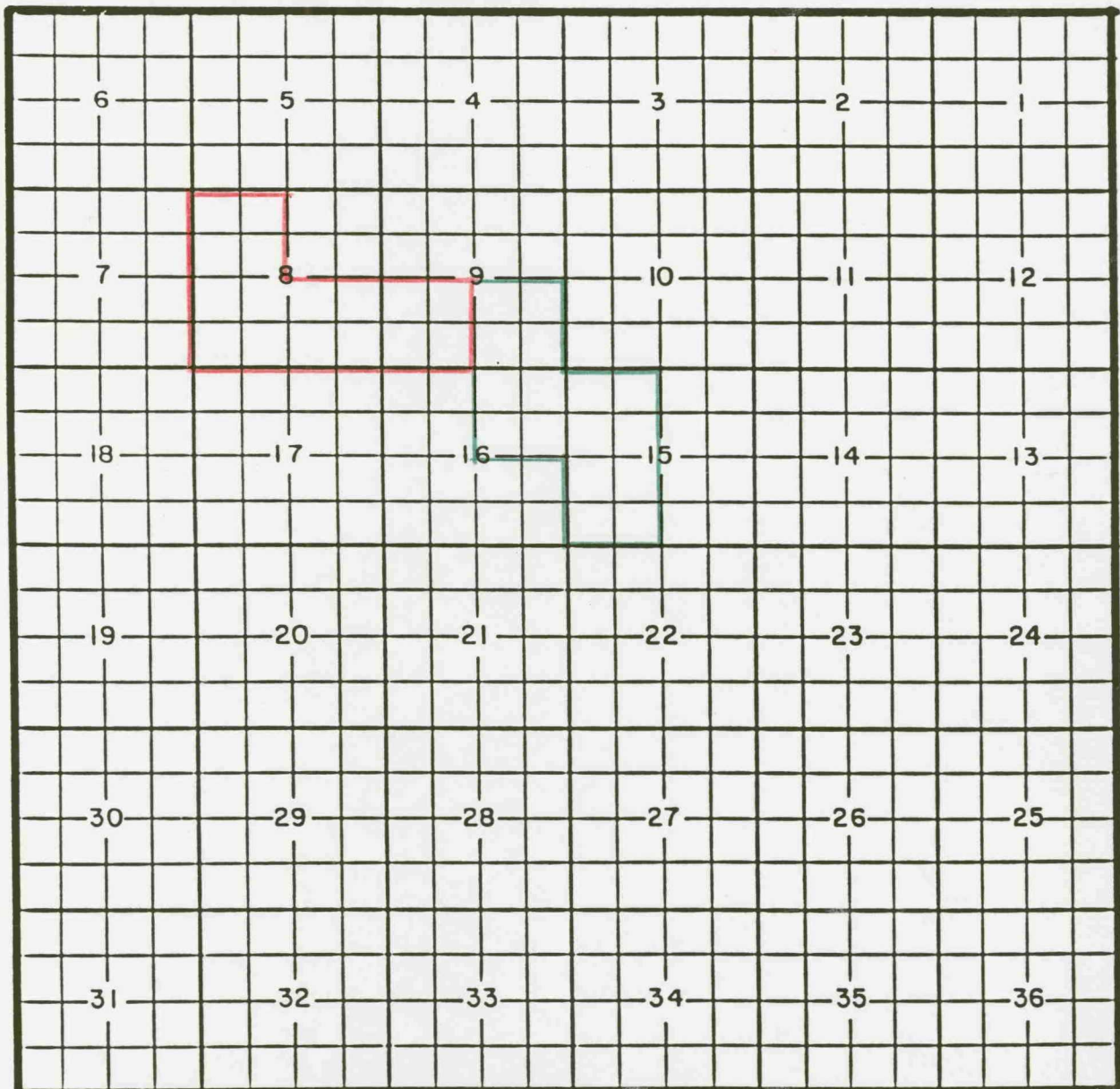
Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 13: S/2



COUNTY LEA POOL TONTO-BONE SPRING

TOWNSHIP 19 South RANGE 33 East NMPM



PURPOSE: One completed oil well capable of producing.

JFG Enterprises Lowell Federal Well No. 1 located in Unit K of Section 15, Township 19 South, Range 33 East, NMPM. It was completed May 31, 1992, in the Bone Spring formation. The top of the perforations is at 9,156 feet.

Pool boundary outlined in red.

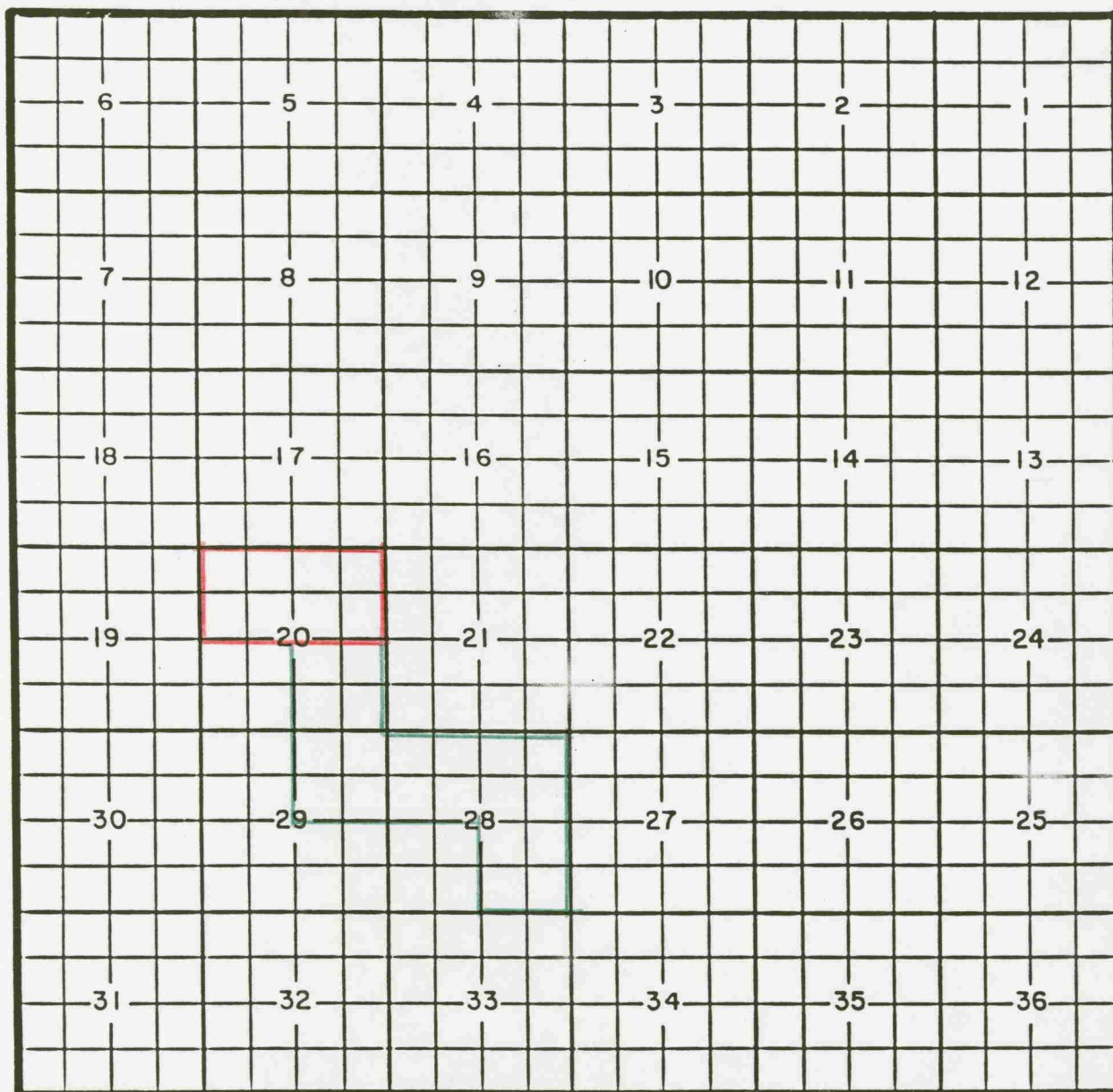
Proposed pool extension outlined in green. Section 9: SE/4

Section 15: W/2

Section 16: NE/4

COUNTY LEA POOL NORTH TULK-WOLFCAMP

TOWNSHIP 14 South RANGE 32 East NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Tulk VV State Well No. 1 located in Unit I of Section 28, Township 14 South, Range 32 East, NMPM. It was completed May 27, 1992, in the Wolfcamp formation. The top of the perforations is at 9,312 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 20: SE/4

Section 28: E/2 and NW/4

Section 29: NE/4

## NEW POOLS

It is recommended that a new oil pool be created and designated as the East Big Dog-Strawn Pool.

Vertical limits to be the Strawn formation and the horizontal limits should be as follows: As outlined in Paragraph (a) Exhibit I

Discovery well was Charles B. Gillespie Jr. Hamilton Federal Well No. 1 located in Unit 0 Section 33 Township 15 Range 35 and was completed on June 8, 1992. Top of perforations is at 11,500 feet.

It is recommended that a new gas pool be created and designated as the East Caprock Mississippian Gas Pool.

Vertical limits to be the Mississippian formation and the horizontal limits should be as follows: As outlined in Paragraph (b) Exhibit I

Discovery well was WOG Inc. State Well No. 1 located in Unit A Section 11 Township 11 Range 32 and was completed on April 29, 1992. Top of perforations is at 10,558 feet.

It is recommended that a new oil pool be created and designated as the Lone Ranger-Grayburg Pool.

Vertical limits to be the Grayburg formation and the horizontal limits should be as follows: As outlined in Paragraph (c) Exhibit I

Discovery well was Pogo Producing Company Buffalo Federal Well No. 1 located in Unit B Section 11 Township 19 Range 33 and was completed on July 1, 1992. Top of perforations is at 4,935 feet.

## NEW POOLS

It is recommended that a new oil pool be created and designated as the Rattlesnake Flat-Delaware Pool.

Vertical limits to be the Delaware formation and the horizontal limits should be as follows: As outlined in Paragraph (d) Exhibit I

Discovery well was Yates Petroleum Corp. Arapaho AKP Federal Well No. 1 located in Unit 0 Section 29 Township 26 Range 33 and was completed on April 28, 1992. Top of perforations is at 4,820 feet.

It is recommended that a new oil pool be created and designated as the West Triste Draw-Delaware Pool.

Vertical limits to be the Delaware formation and the horizontal limits should be as follows: As outlined in Paragraph (e) Exhibit I

Discovery well was Harvard Petroleum Corporation State IG Well No. 1 located in Unit B Section 32 Township 23 Range 32 and was completed on April 8, 1992. Top of perforations is at 7,992 feet.

It is recommended that a new \_\_\_\_\_ pool be created and designated as the \_\_\_\_\_ Pool.

Vertical limits to be the \_\_\_\_\_ formation and the horizontal limits should be as follows: \_\_\_\_\_

Discovery well was \_\_\_\_\_ located in Unit \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ and was completed on \_\_\_\_\_ . Top of perforations is at \_\_\_\_\_ feet.