

**CASE 10491:** In the matter of hearing called by the Oil Conservation Division on its own motion for an order creating, contracting and extending certain pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico.

- (a) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for San Andres production and designated as the ARAB-C-San Andres Pool. The discovery well is the Yates Petroleum Corporation Edison Ranch Unit Well No. 1 located in Unit Q of Section 5, Township 16 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
Section 5: SE/4

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the South Baum-Wolfcamp Pool. The discovery well is the Coastal States oil & Gas Corporation State 32 Well No. 1 located in Unit L of Section 32, Township 13 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM  
Section 32: SW/4

- (c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Bootleg Ridge-Delaware Pool. The discovery well is the T. H. McElvain Oil & Gas Properties Bootleg Ridge 19 State Well No. 1 located in Unit D of Section 19, Township 22 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 33 EAST, NMPM  
Section 19: NW/4

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Dios Mano-Bone Spring Pool. The discovery well is the Harvey E. Yates Company EKey 28 State Well No. 2 located in Unit P of Section 28, Township 18 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM  
Section 28: SE/4

- (e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the South Pearl-Bone Spring Pool. The discovery well is the Mitchell Energy Corporation Merit-Record 35 Well No. 1 located in Unit P of Section 35, Township 19 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 35: SE/4

- (f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the South Pearl-Wolfcamp Pool. The discovery well is the Mitchell Energy Corporation Merit-Record 35 Well No. 1 located in Unit P of Section 35, Township 19 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM  
Section 35: SE/4

- (g) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Delaware production and designated as the Salt Lake-Delaware Pool. The discovery well is the Yates Petroleum Corporation Belco AIA Federal Well No. 1 located in Unit J of Section 14, Township 20 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 32 EAST, NMPM  
Section 14: SE/4

- (h) CONTRACT the horizontal limits of the Cata-San Andres Pool in Chaves County, New Mexico, by the deletion of the following:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM  
Section 7: SW/4

- (i) EXTEND the Many Gates-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM  
Section 7: SW/4

- (j) EXTEND the Allison-San Andres Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM  
Section 36: NE/4

TOWNSHIP 8 SOUTH, RANGE 37 EAST, NMPM  
Section 31: NW/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 14: SW/4  
Section 15: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
Section 30: NW/4

- (m) EXTEND the Cuerno Largo-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM  
Section 25: NW/4

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

TOWNSHIP 23 SOUTH, RANGE 32 EAST, NMPM  
Section 14: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
Section 14: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM SECTION 31: NE/4  
Section 25: SE/4  
Section 36: NE/4

- (q) EXTEND the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 33 EAST, NMPM  
Section 17: N/2  
Section 18: N/2

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 14: NW/4

- (s) EXTEND the Southeast Knowles-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 38 EAST, NMPM  
Section 24: NE/4

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

TOWNSHIP 20 SOUTH, RANGE 35 EAST, NMPM  
Section 11: S/2

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

TOWNSHIP 22 SOUTH, RANGE 32 EAST, NMPM  
Section 15: SW/4  
Section 16: S/2  
Section 17: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
Section 31: NW/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM  
Section 35: SE/4

- (x) EXTEND the Paddock Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 38 EAST, NMPM  
Section 19: NE/4  
Section 20: NW/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM  
Section 24: SE/4

- (z) EXTEND the Sanmal-Wolfcamp Pool in Lea County, New Mexico, to include therein:

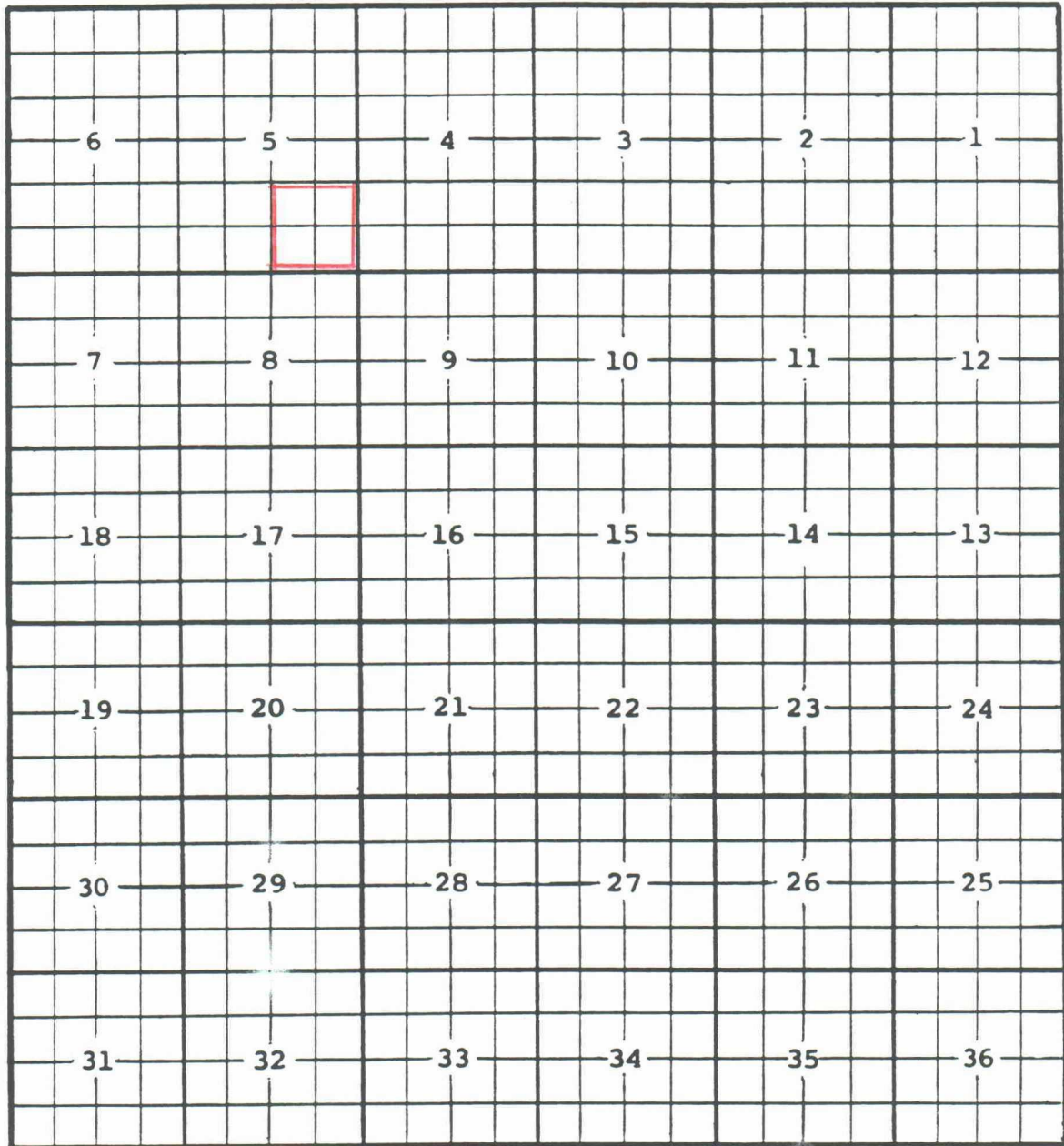
TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM  
Section 28: SW/4

- aa. EXTEND the Weir-Blaine Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 14: N/2

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 Eidson Ranch Unit Well No. 1 located in Unit Q of Section 5, Township 16 South, Range 33 East, NMPM. It was completed April 25, 1992, in the San Andres formation. The top of the perforations is at 5,725 feet.

Proposed pool boundary outlined in red. Section 5: SE/4

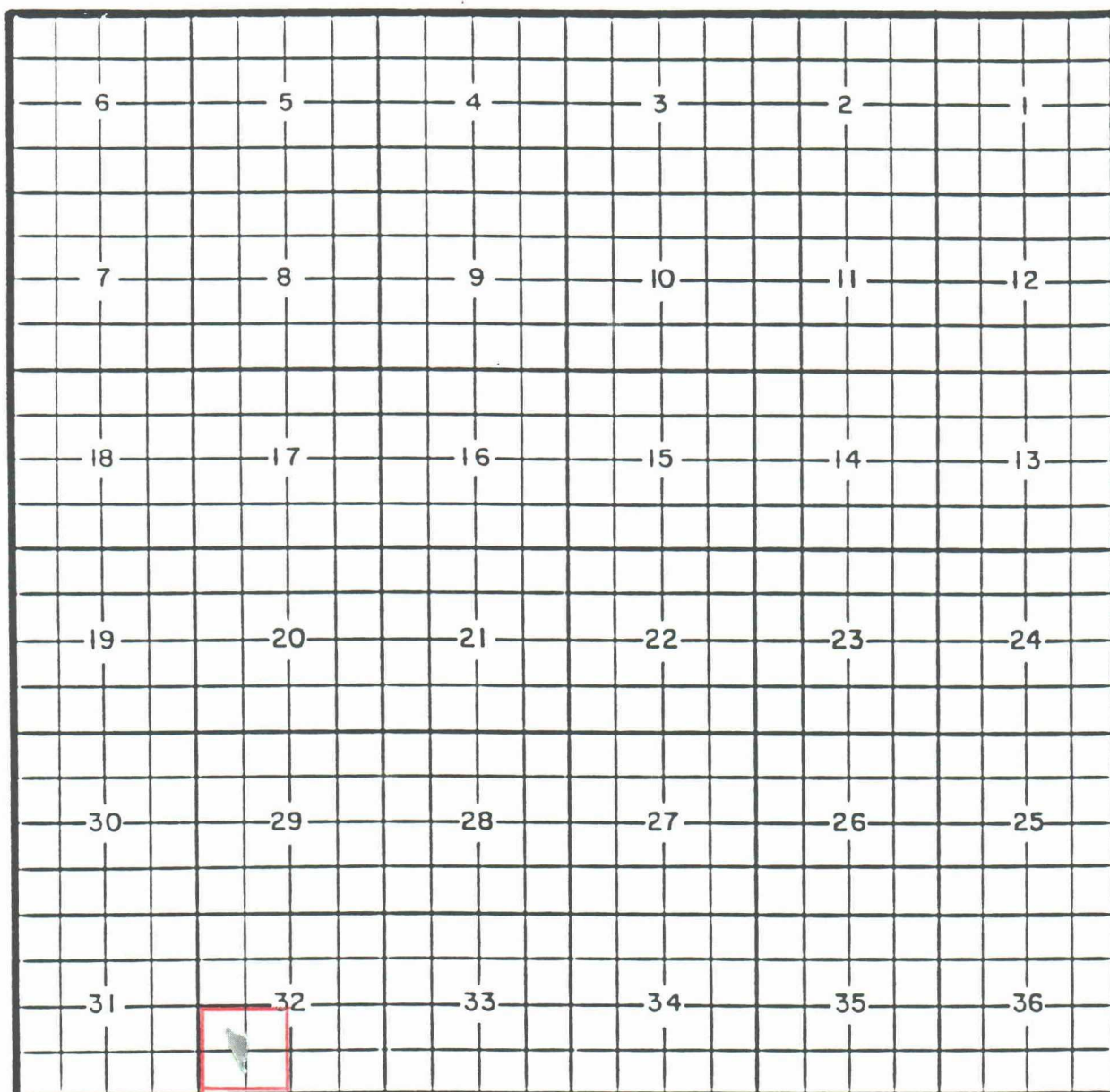
COUNTY LEA

POOL SOUTH BAUM-WOLFCAMP

TOWNSHIP 13 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Coastal States Oil & Gas Corporation State 32 Well No. 1 located in Unit L of Section 32, Township 13 South, Range 33 East, NMPM. It was completed March 7, 1992, in the Wolfcamp formation. The top of the perforations is at 9,066 feet.

Proposed pool boundary outlined in red. Section 32: SW/4



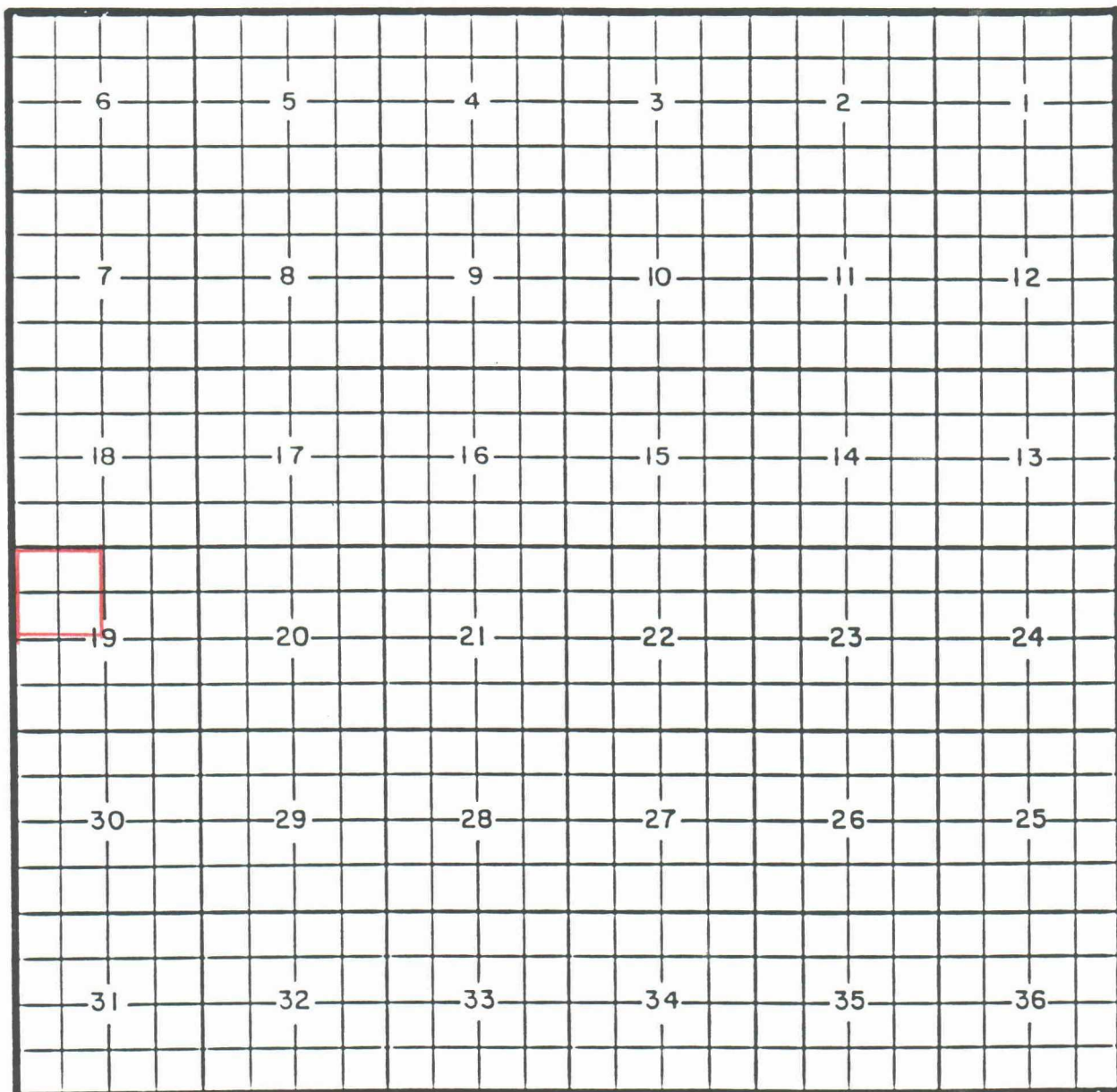
COUNTY LEA

POOL BOOTLEG RIDGE-DELAWARE

TOWNSHIP 22 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

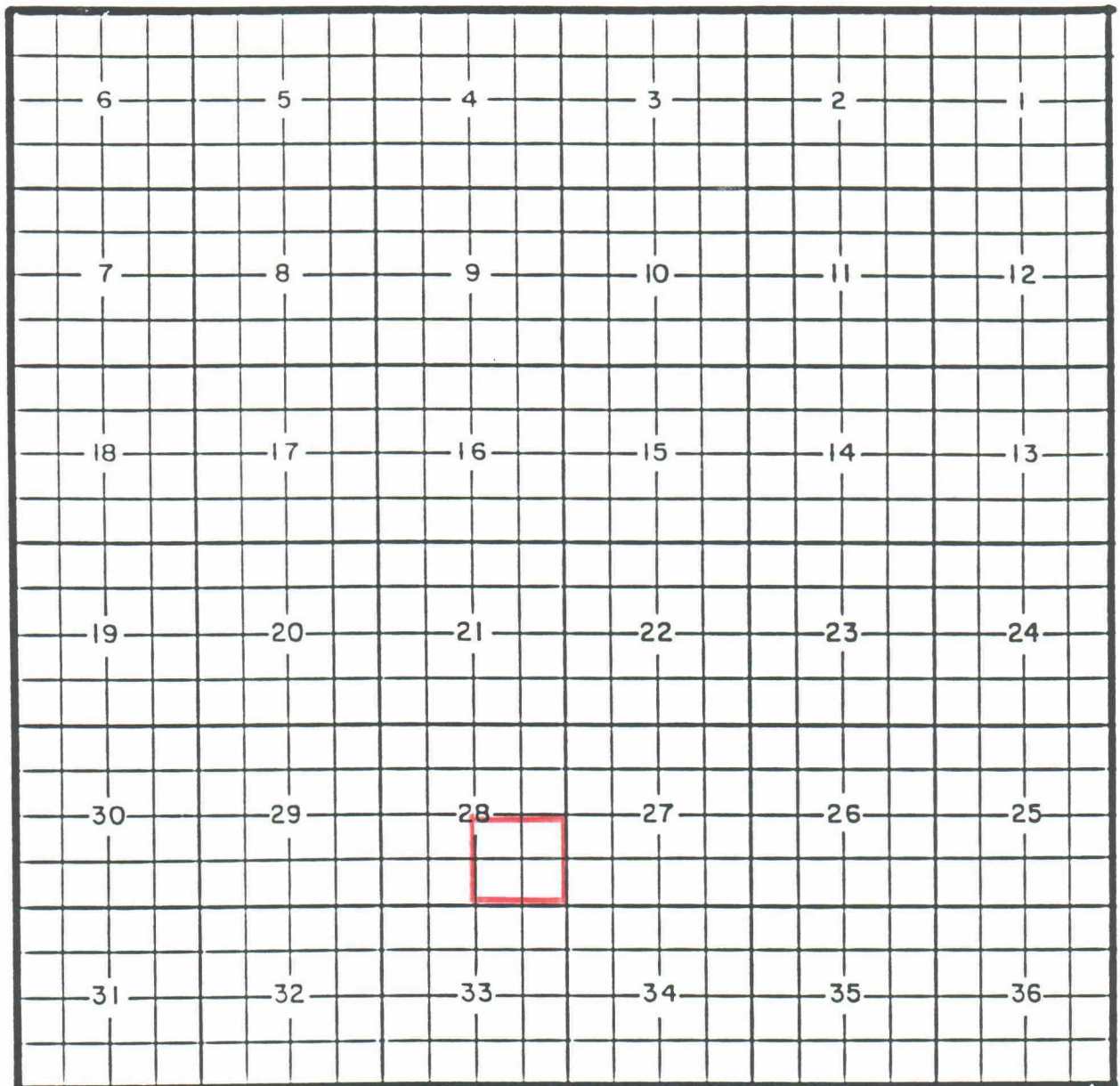
T. H. MeElvain Oil & Gas Properties Bootleg Ridge 19 State Well No. 1 located in Unit D of Section 19, Township 22 South, Range 33 East, NMPM. It was completed February 11, 1992, in the Delaware formation. The top of the perforations is at 4,889 feet.

Proposed pool boundary outlined in red. Section 19: NW/4



COUNTY LEA POOL DIOS MANO-BONE SPRING

TOWNSHIP 18 South RANGE 34 East NMPM



PURPOSE: One completed oil well capable of producing.

Harvey E. Yates Company EKay 28 State Well No. 2 located in Unit P of Section 28, Township 18 South, Range 34 East, NMPM. It was completed April 29, 1992. in the Bone Spring formation. The top of the perforations is at 9,190 feet.

Proposed pool boundary outlined in red. Section 28: SE/4

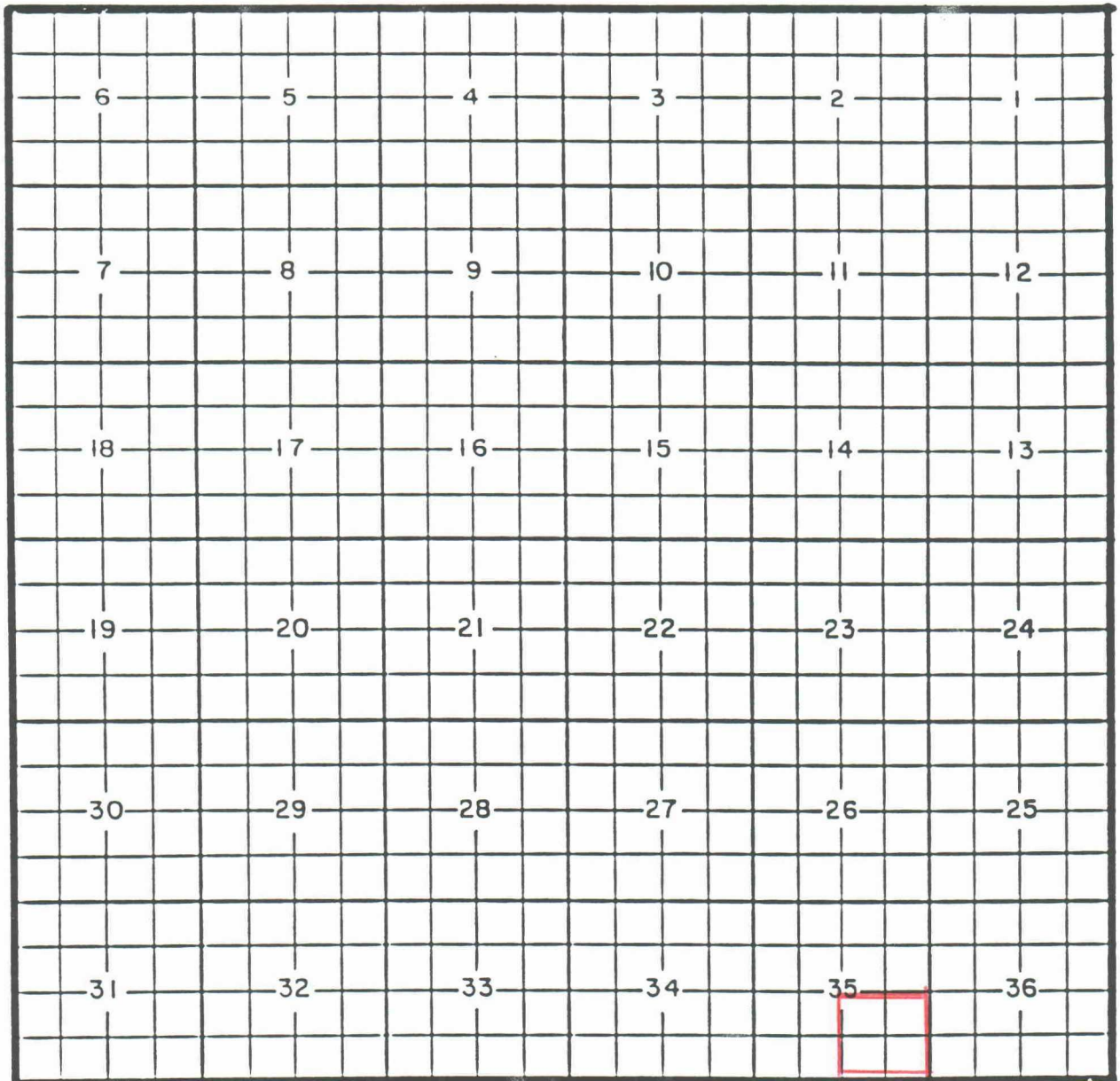
COUNTY LEA

POOL SOUTH PEARL-BONE SPRING

TOWNSHIP 19 South

RANGE 35 East

NMPM



PURPOSE: One completed oil well capable of producing.

Mitchell Energy Corporation Merit Record 35 Well No. 1 located in Unit P of Section 35, Township 19 South, Range 35 East, NMPM. It was completed January 11, 1992, in the Bone Spring formation. The top of the perforations is at 10,632 feet.

Proposed pool boundary outlined in red. Section 35: SE/4



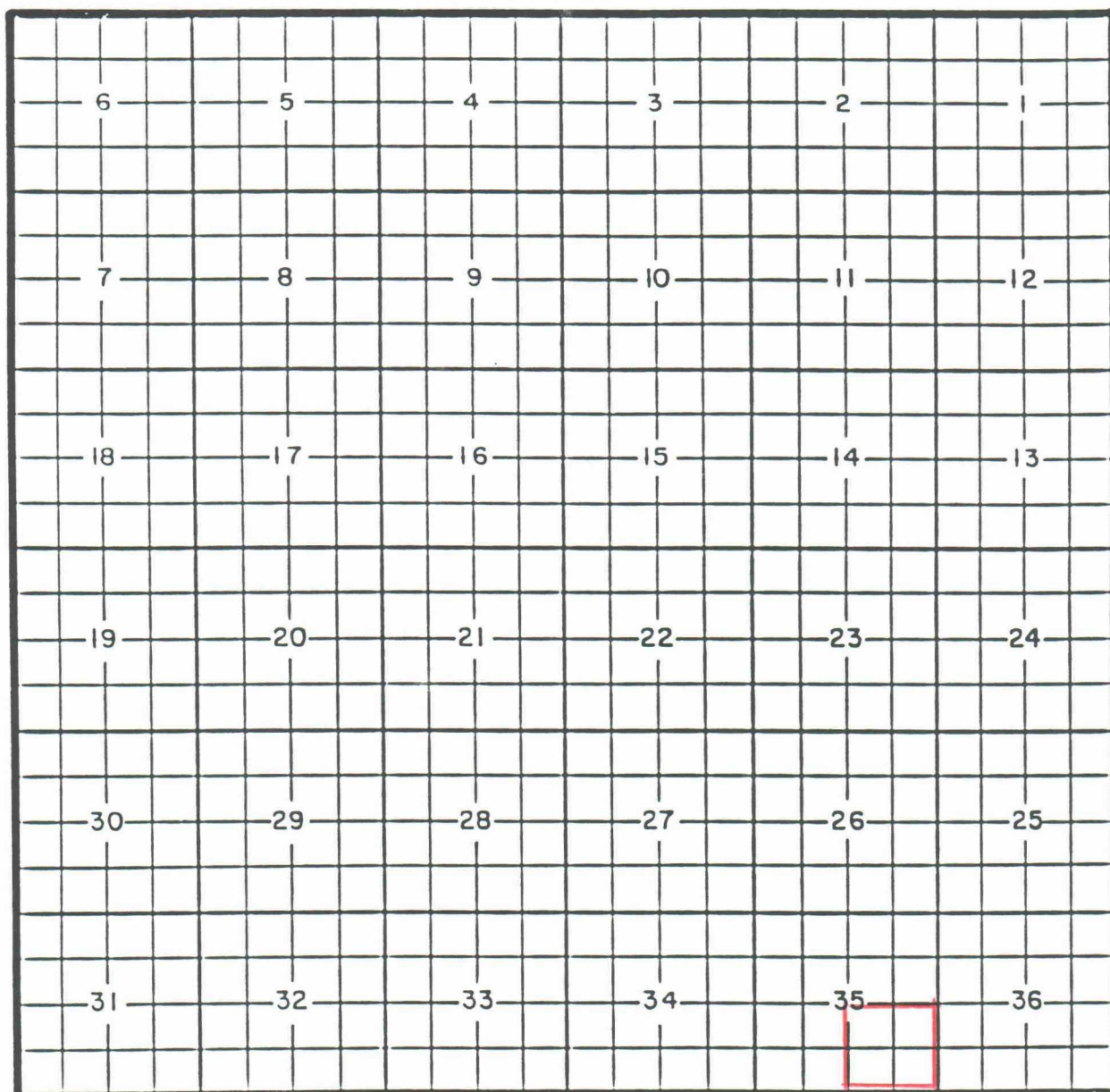
COUNTY LEA

POOL SOUTH PEARL-WOLFCAMP

TOWNSHIP 19 South

RANGE 35 East

NMPM



PURPOSE: One completed oil well capable of producing.

Mitchell Energy Corporation Merit-Record 35 Well No. 1 located in Unit P of Section 35, Township 19 South, Range 35 East, NMPM. It was completed March 14, 1992, in the Wolfcamp formation. The top of the perforations is at 11,226 feet.

Proposed pool boundary outlined in red. Section 35: SE/4



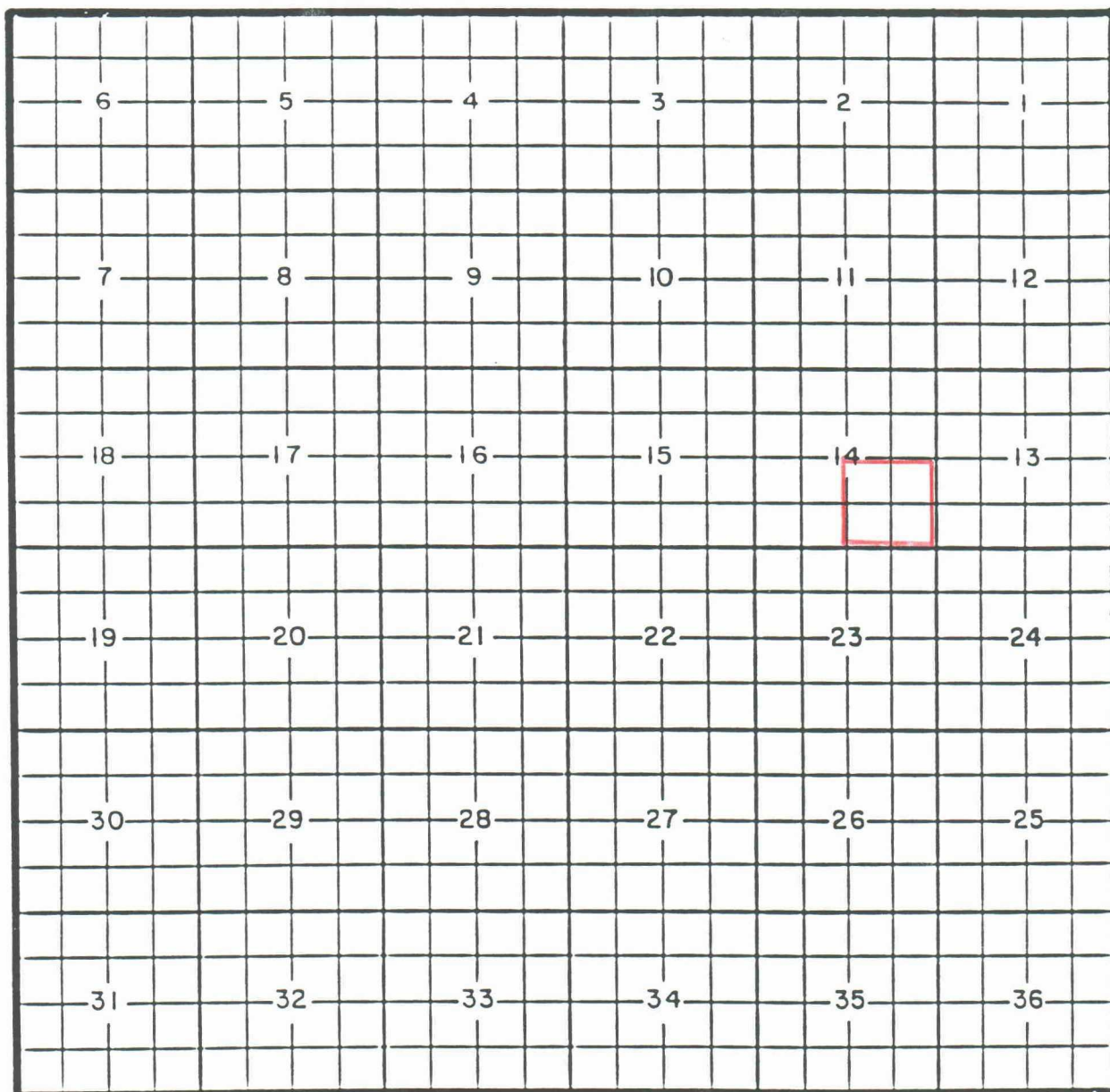
COUNTY LEA

POOL SALT LAKE-DELAWARE

TOWNSHIP 20 South

RANGE 32 East

NMPM



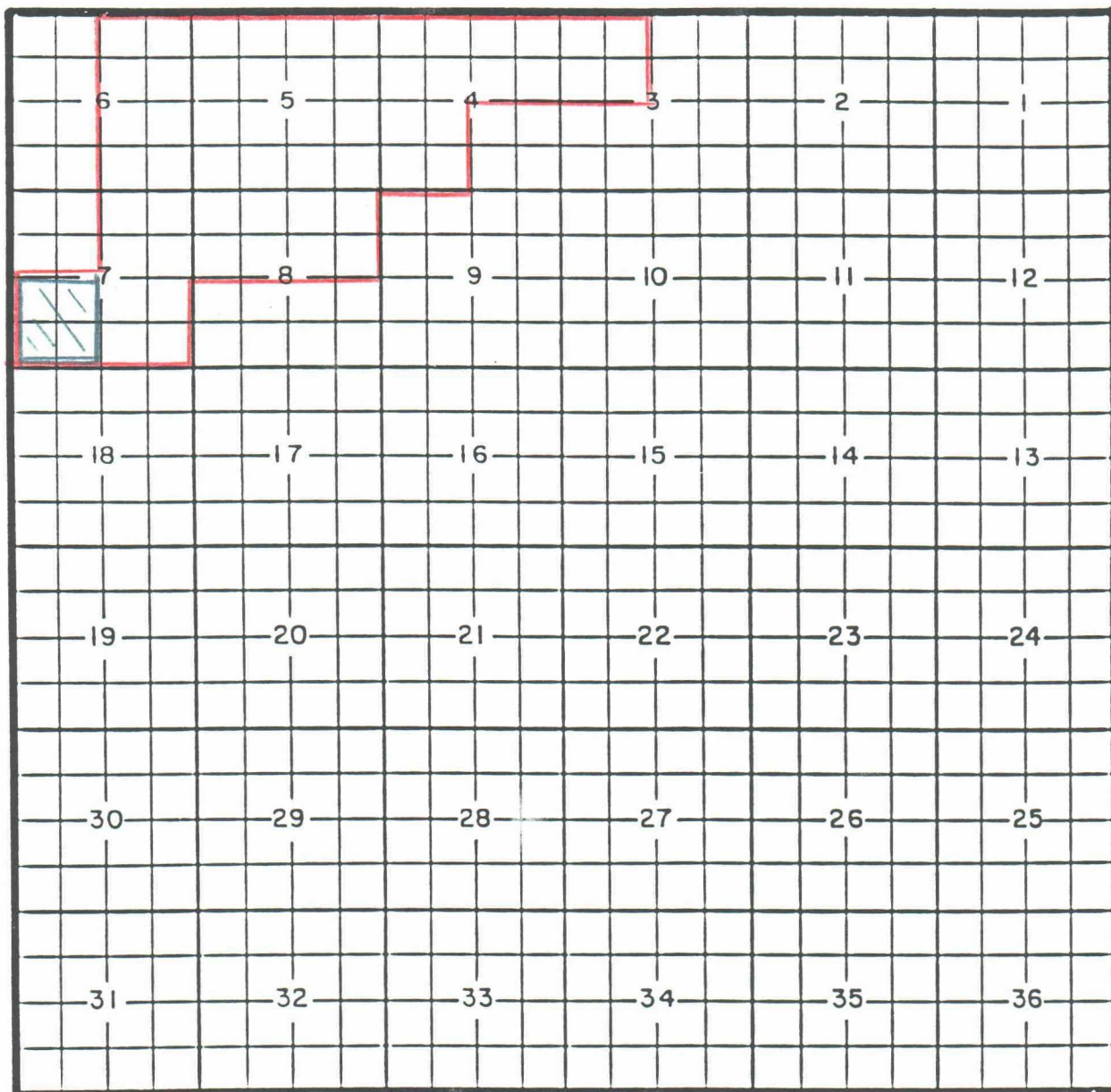
PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Belco AIA Federal Well No. 1 located in Unit J of Section 14, Township 20 South, Range 32 East, NMPM. It was completed October 4, 1991, in the Delaware formation. The top of the perforations is at 4,928 feet.

Proposed pool boundary outlined in red. Section 14: SE/4

COUNTY CHAVES POOL CATO-SAN ANDRES

TOWNSHIP 9 South RANGE 30 East NMPM



PURPOSE: No producing wells, acreage to be added to the Many Gates-San Andres Pool.

Pool boundary outlined in red.

Proposed contraction outlined in blue. Section 7: SW/4



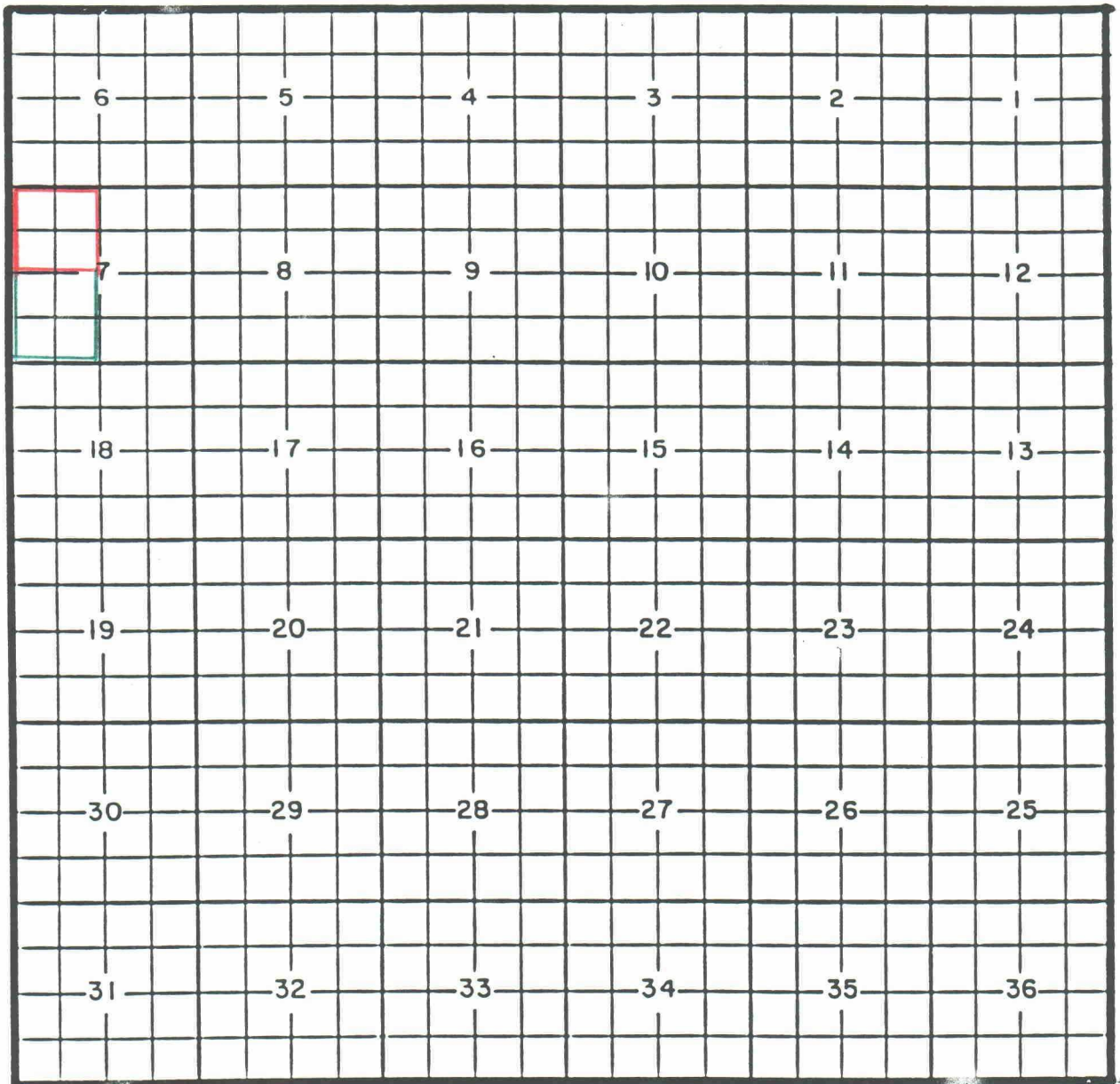
COUNTY CHAVES

POOL MANY GATES-SAN ANDRES

TOWNSHIP 9 South

RANGE 30 East

NMPM



PURPOSE: One completed oil well capable of producing.

Hanson Operating Company Inc. Presler Lake Well No. 2 located in Unit L of Section 7, Township 9 South, Range 30 East, NMPM. It was completed March 22, 1992, in the San Andres formation. The top of the perforations is at 3,234 feet.

Pool boundary outlined in red.

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



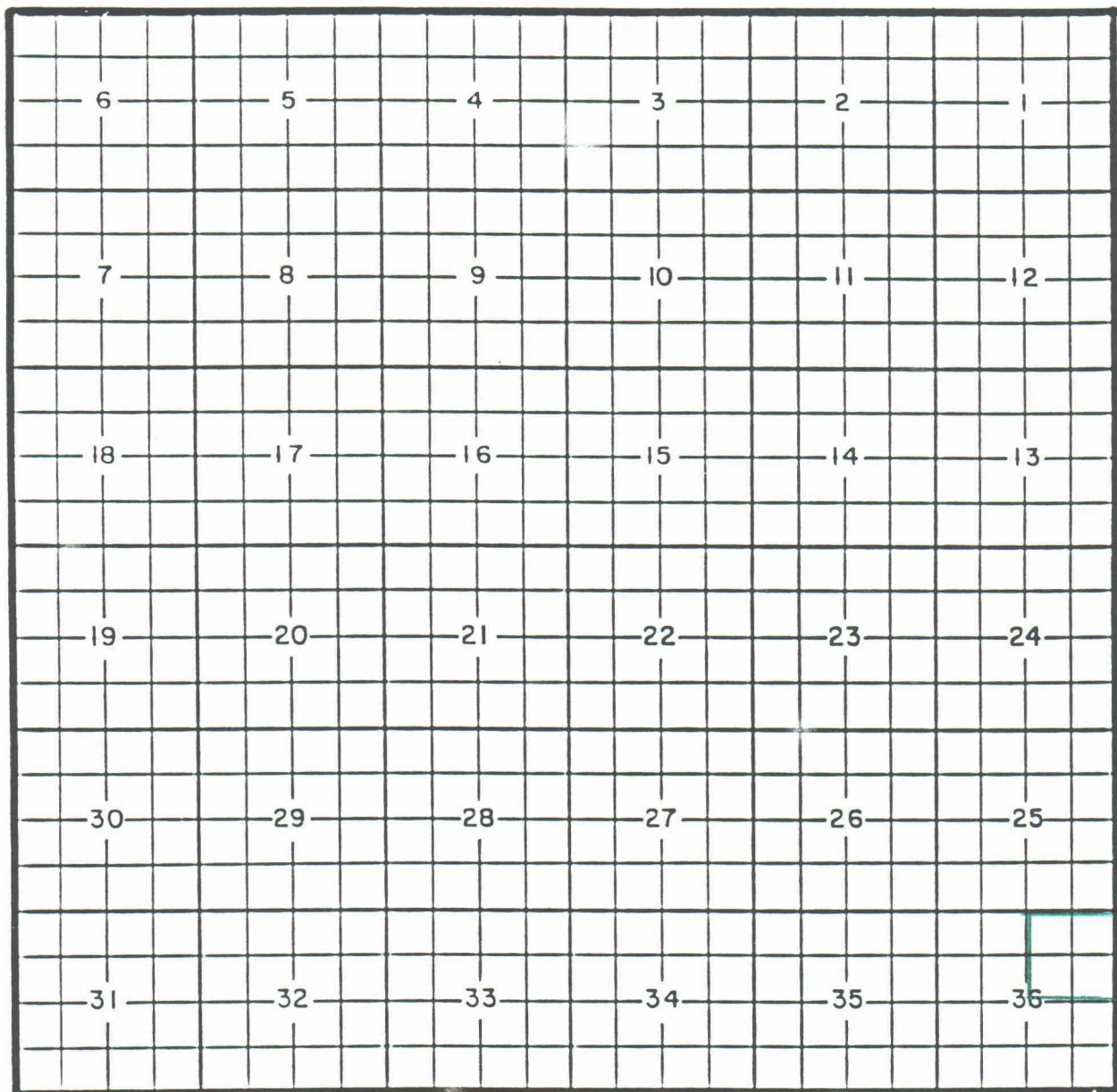
COUNTY ROOSEVELT

POOL ALLISON-SAN ANDRES

TOWNSHIP 8 South

RANGE 36 East

NMPM



PURPOSE: One completed oil well capable of producing.

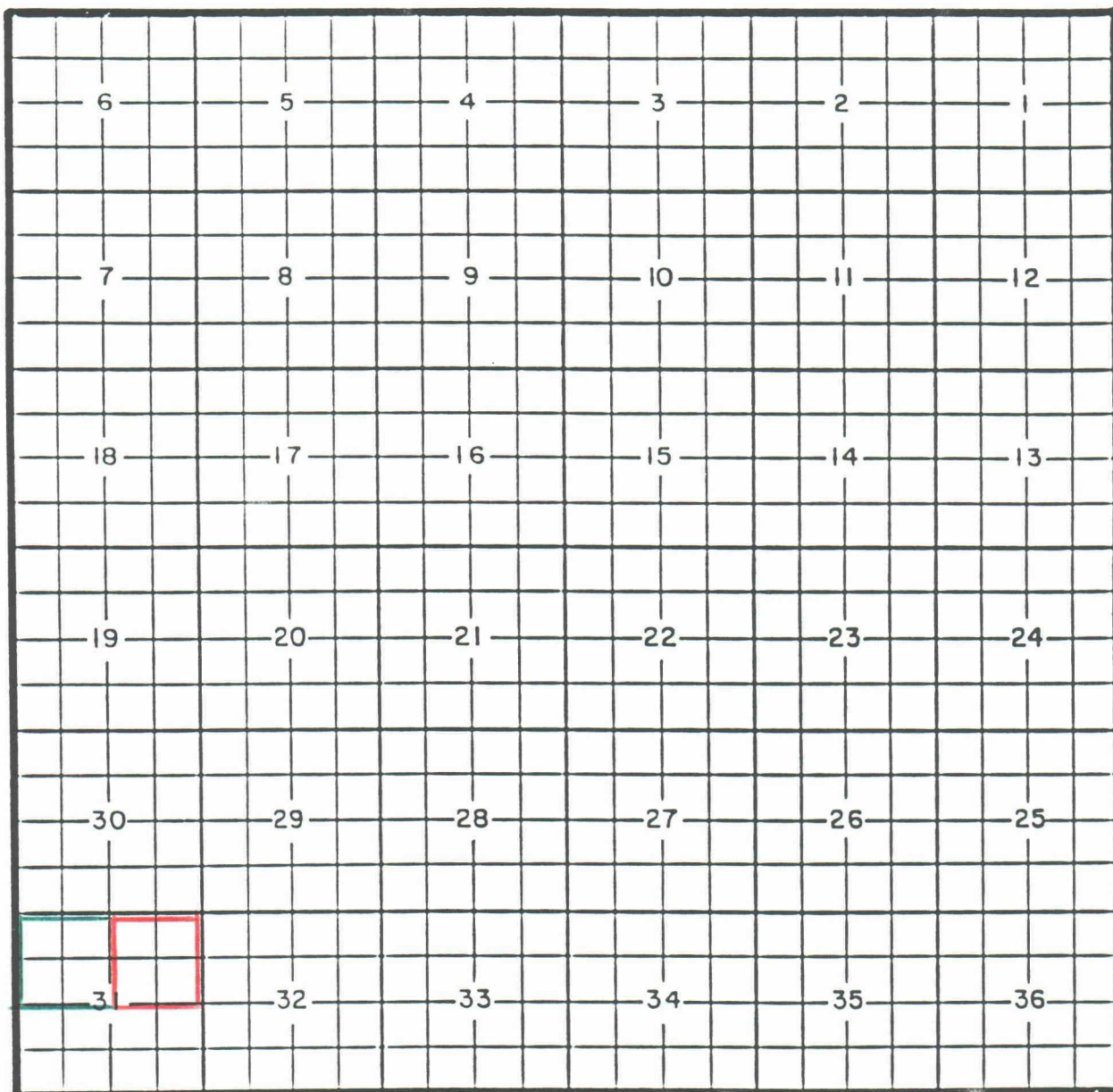
Layton Enterprises Inc. Fox C State Well No. 1 located in Unit G of Section 36, Township 8 South, Range 36 East, NMPM. It was completed February 5, 1992, in the San Andres formation. The top of the perforations is at 4,840 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 36: NE/4

COUNTY ROOSEVELT POOL ALLISON-SAN ANDRES

TOWNSHIP 8 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

Layton Enterprises Inc. Fox C State Well No. 1 located in Unit G of Section 36, Township 8 South, Range 36 East, NMPM. It was completed February 5, 1992, in the San Andres formation. The top of the perforations is at 4,840 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 31: NW/4



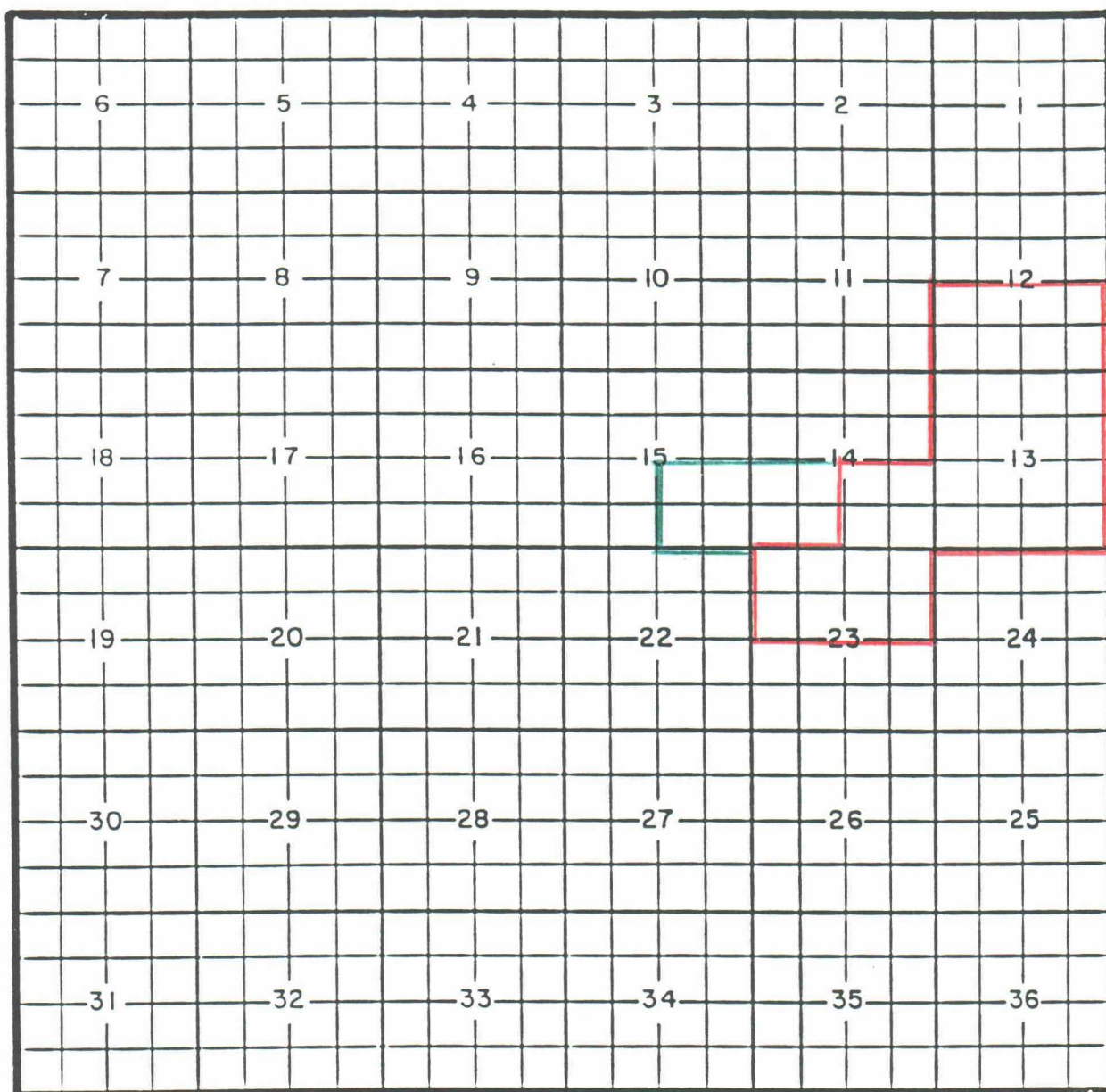
COUNTY LEA

POOL WEST CORBIN-DELAWARE

TOWNSHIP 18 South

RANGE 32 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Manzano Oil Corporation Anadarko Federal Well No. 1 located in Unit I of Section 15, Township 18 South, Range 32 East, NMPM. It was completed March 11, 1992, in the Delaware formation. The top of the perforations is at 6,460 feet.

Manzano Oil Corporation Jewett Federal Well No. 1 located in Unit P of Section 15, Township 18 South, Range 32 East, NMPM. The top of the perforations is at 6,290 feet. Pool boundary outlined in red.

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

Section 15: SE/4



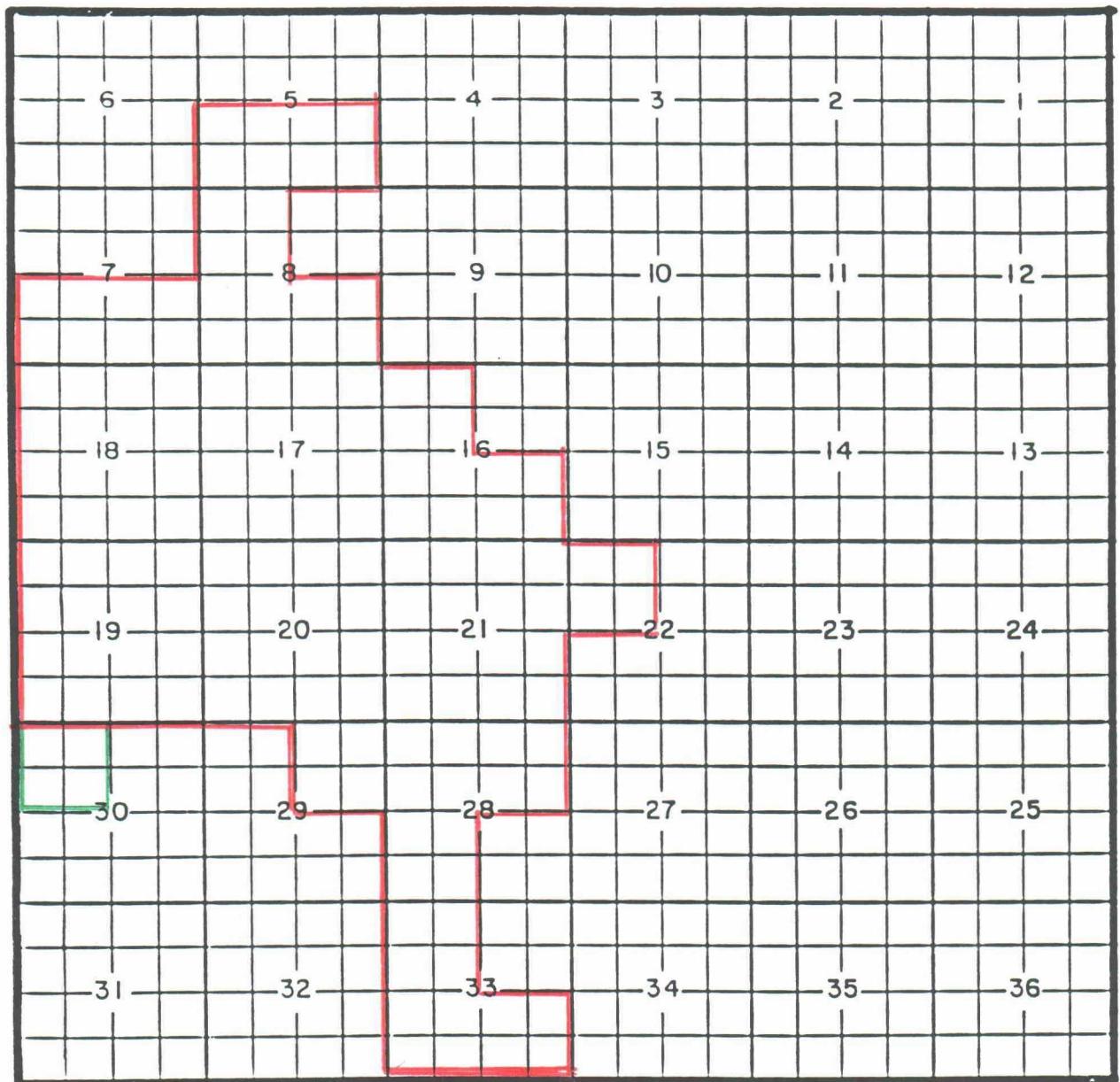
COUNTY LEA

POOL SOUTH CORBIN-WOLFCAMP

TOWNSHIP 18 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Robert N. Enfield Hudson Federal Well No. 2 located in Unit C of Section 30, Township 18 South, Range 33 East, NMPM. It was completed April 2, 1992, in the Wolfcamp formation. The top of the perforations is at 10,947 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 30: NW/4

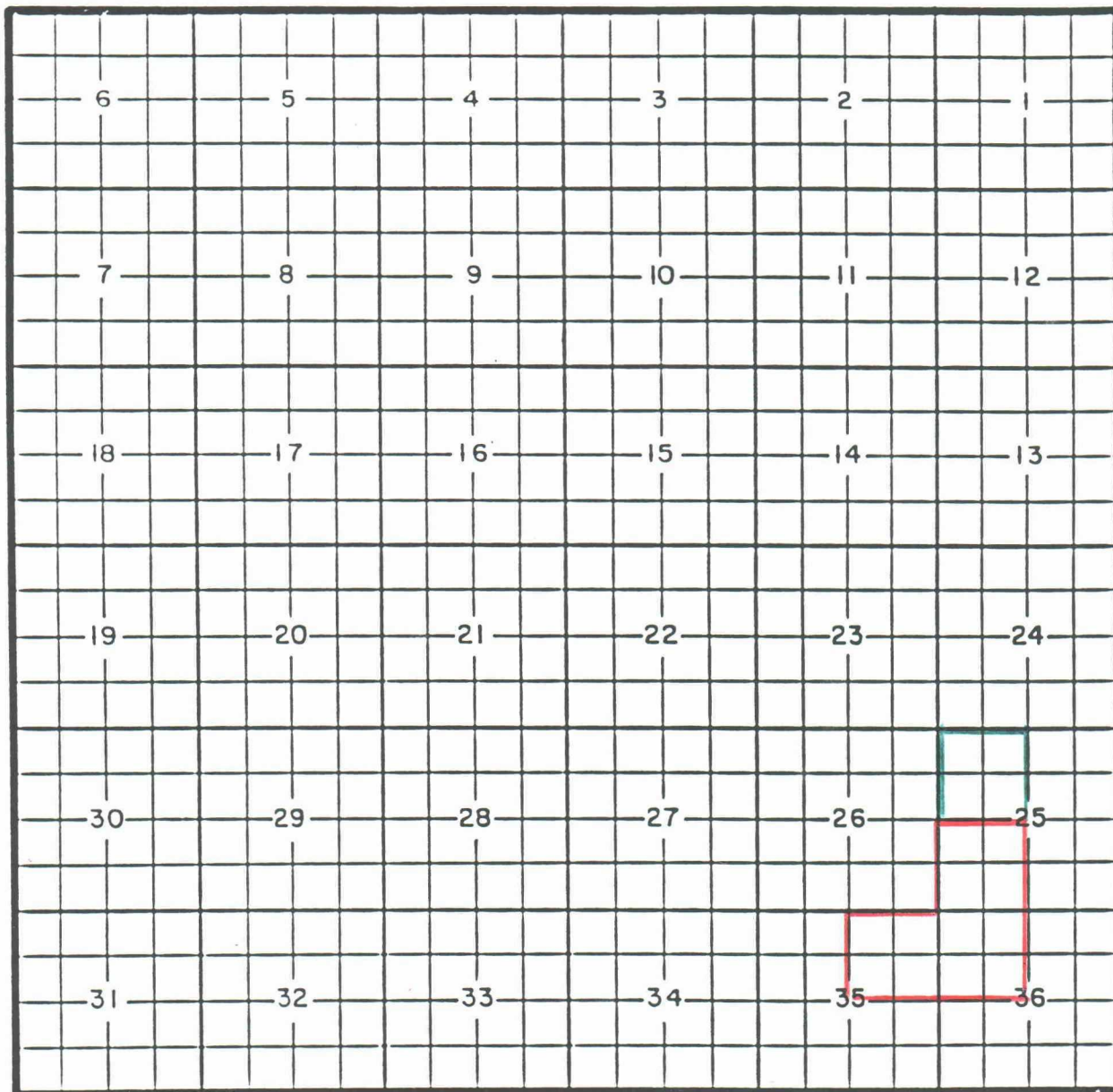
COUNTY LEA

POOL CUERNO LARGO-PENNSYLVANIAN

TOWNSHIP 10 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Manzano Oil Corporation Diamondback State Well No. 1 located in Unit C of Section 25, Township 10 South, Range 32 East, NMPM. It was completed April 8, 1992, in the Pennsylvanian formation. The top of the perforations is at 9,196 feet.

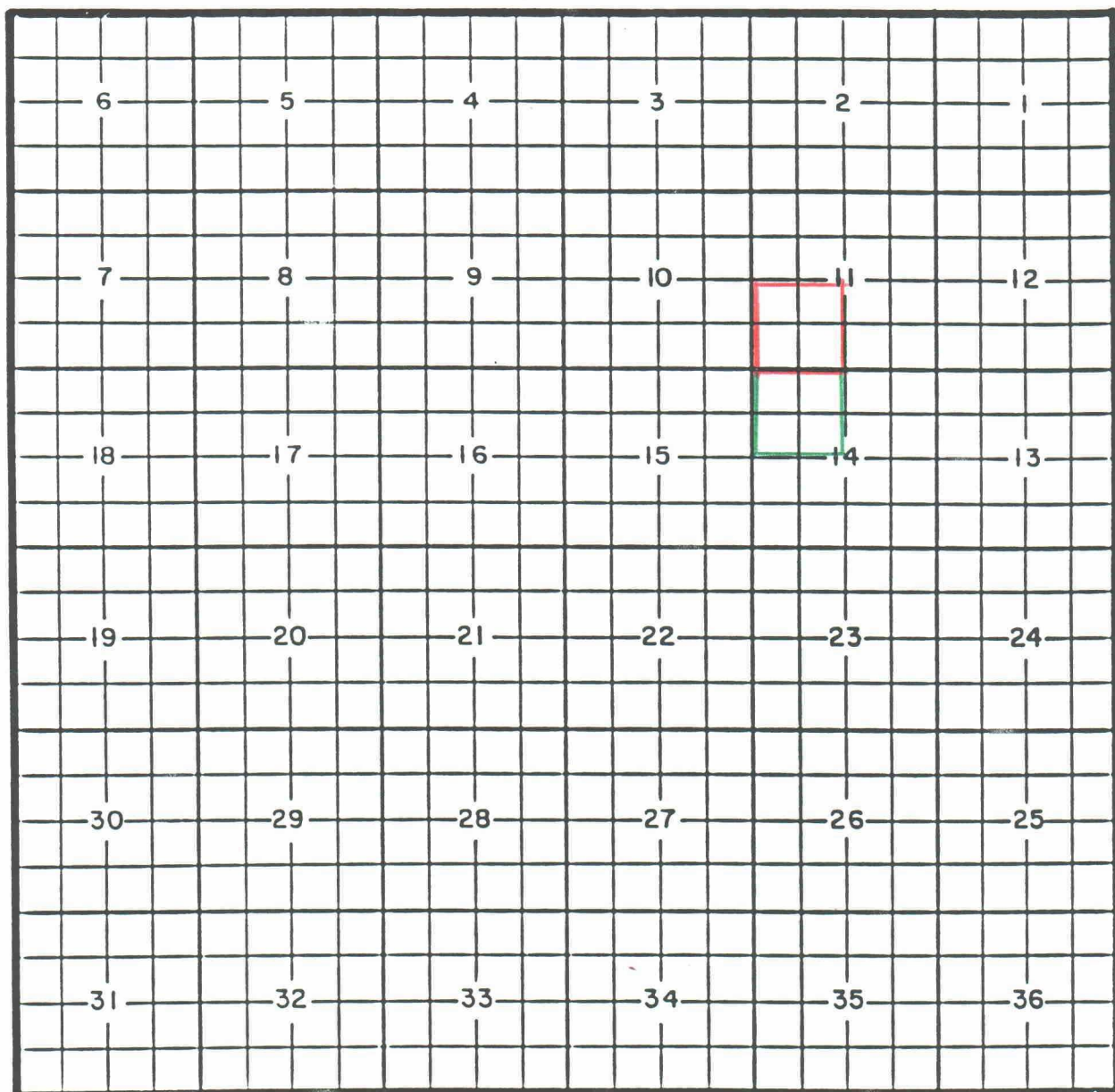
Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 25: NW/4



COUNTY LEA POOL DIAMONDTAIL-DELAWARE

TOWNSHIP 23 South RANGE 32 East NMPM



PURPOSE: One completed oil well capable of producing.

Strata Production Company Cuervo Federal Well No. 2 located in Unit C of Section 14, Township 23 South, Range 32 East, NMPM. It was completed January 11, 1992, in the Delaware formation. The top of the perforations is at 7,088 feet.

Pool boundary outlined in red.

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



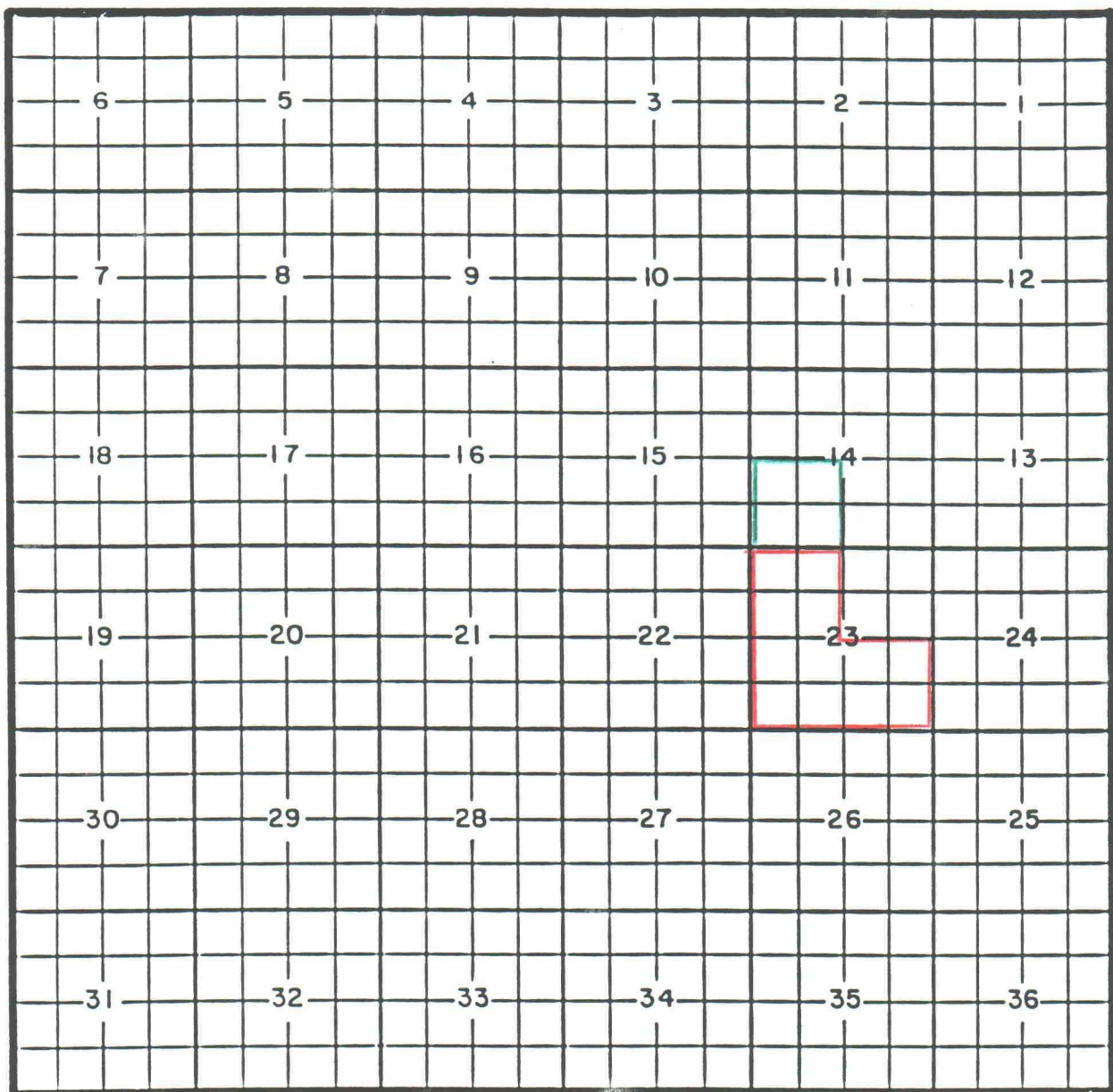
COUNTY LEA

POOL EAST GEM-DELAWARE

TOWNSHIP 19 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Manzano Oil Corporation Texaco Federal Well No. 3 located in Unit N of Section 14, Township 19 South, Range 33 East, NMPM. It was completed March 4, 1992, in the Delaware formation. The top of the perforations is at 7,439 feet.

Pool boundary outlined in red.

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

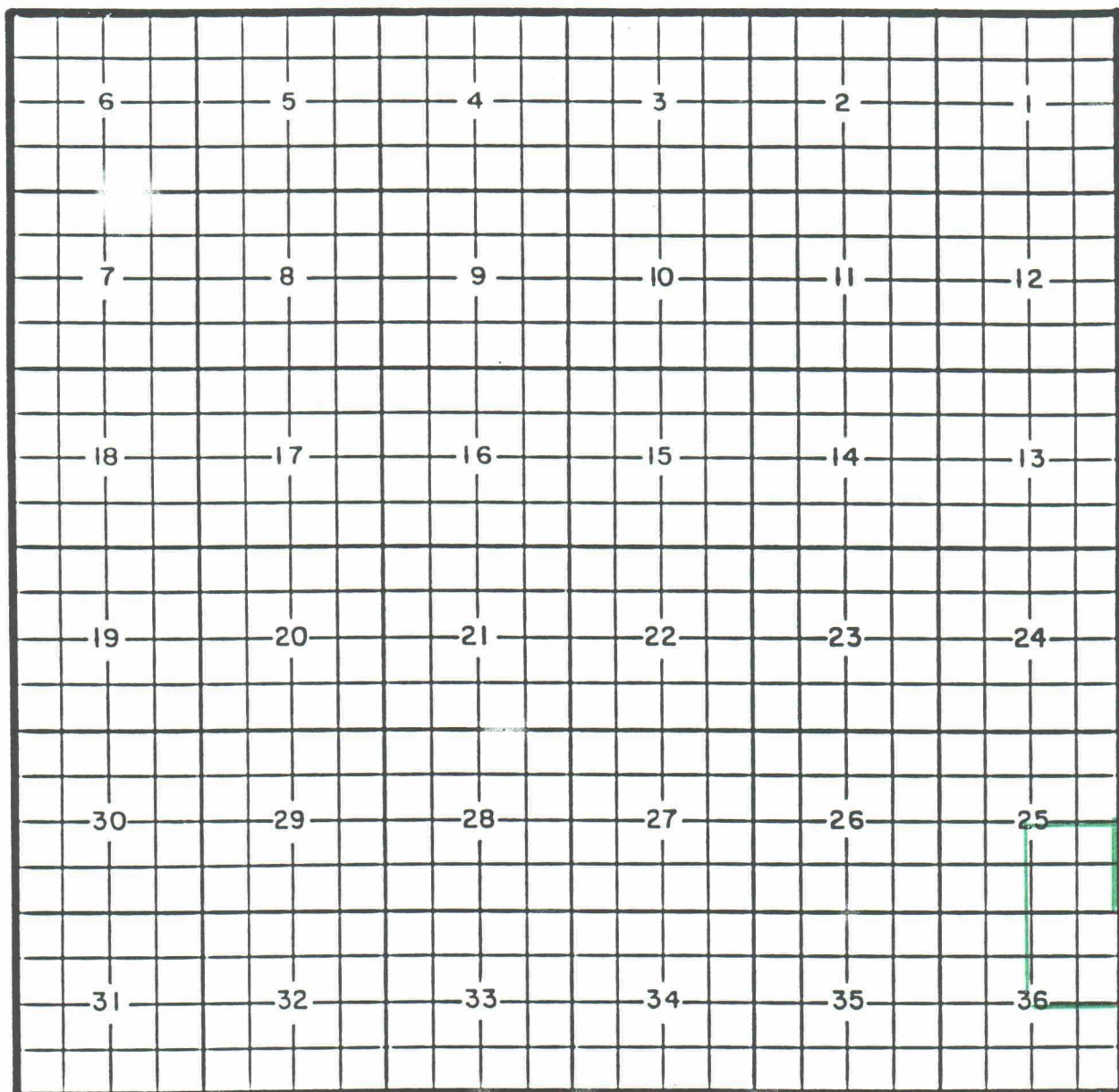
COUNTY LEA

POOL GERONIMO-DELAWARE

TOWNSHIP 19 South

RANGE 32 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Grace Petroleum Corporation Andaway 25 Federal Well No. 1 located in Unit P of Section 25, Township 19 South, Range 32 East, NMPM. It was completed February 1, 1992, in the Delaware formation. The top of the perforations is at 5,112 feet.

Manzano Oil Corporation Federal 31 G Well No. 2 located in Unit B of Section 31 Township 19 South, Range 33 East, NMPM. It was completed February 15, 1992, in the Delaware formation. The top of the perforations is at 5,130 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 25: SE/4; Section 36: NE/4



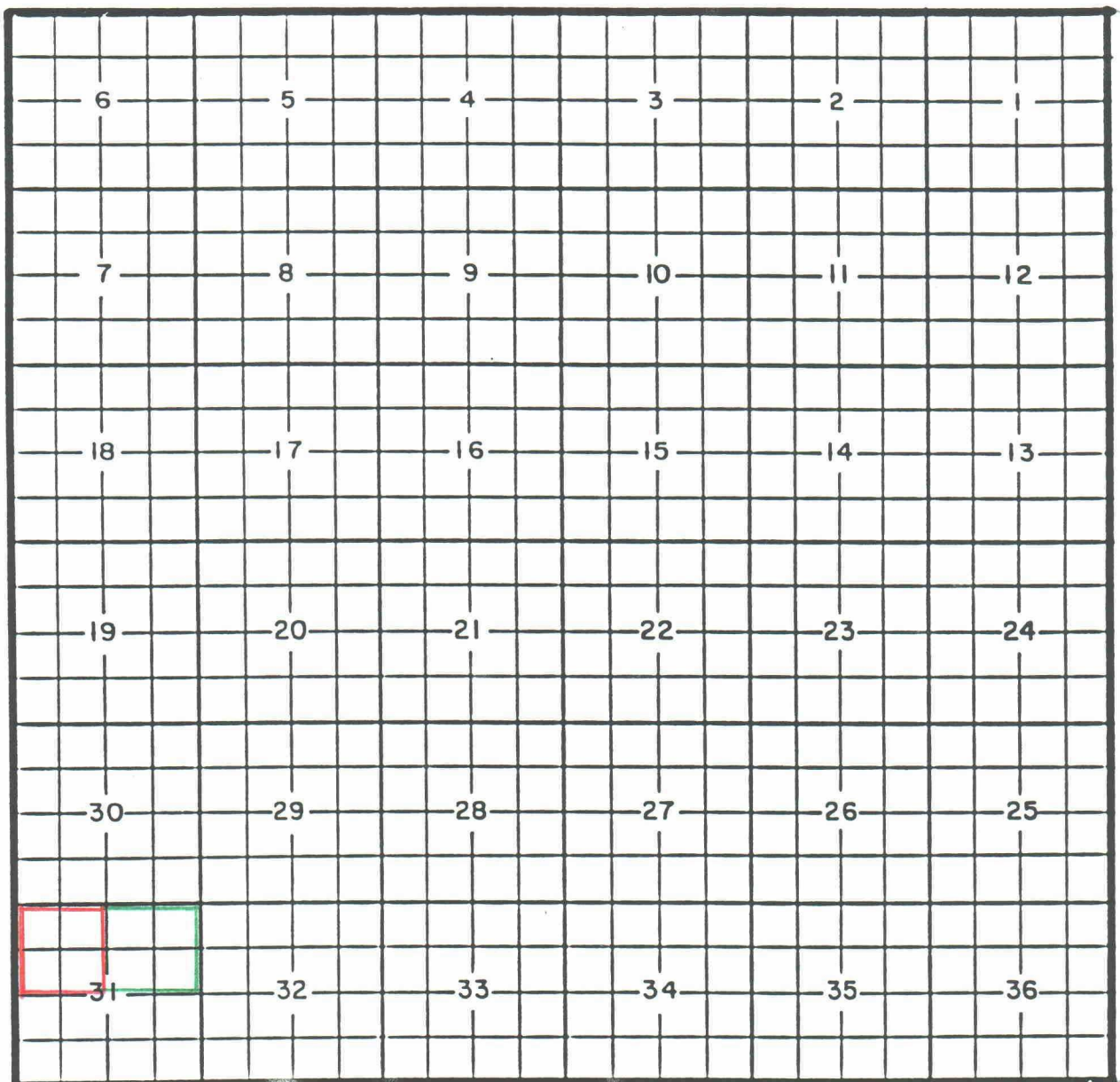
COUNTY LEA

POOL GERONIMO-DELAWARE

TOWNSHIP 19 South

RANGE 33 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Grace Petroleum Corporation Andaway 25 Federal Well No. 1 located in Unit P of Section 25, Township 19 South, Range 32 East, NMPM. It was completed February 1, 1992, in the Delaware formation. The top of the perforations is at 5,112 feet.

Manzano Oil Corporation Federal 31 G Well No. 2 located in Unit B of Section 31, Township 19 South, Range 33 East, NMPM. It was completed February 15, 1992, in the Delaware formation. The top of the perforations is at 5,130 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 31: NE/4

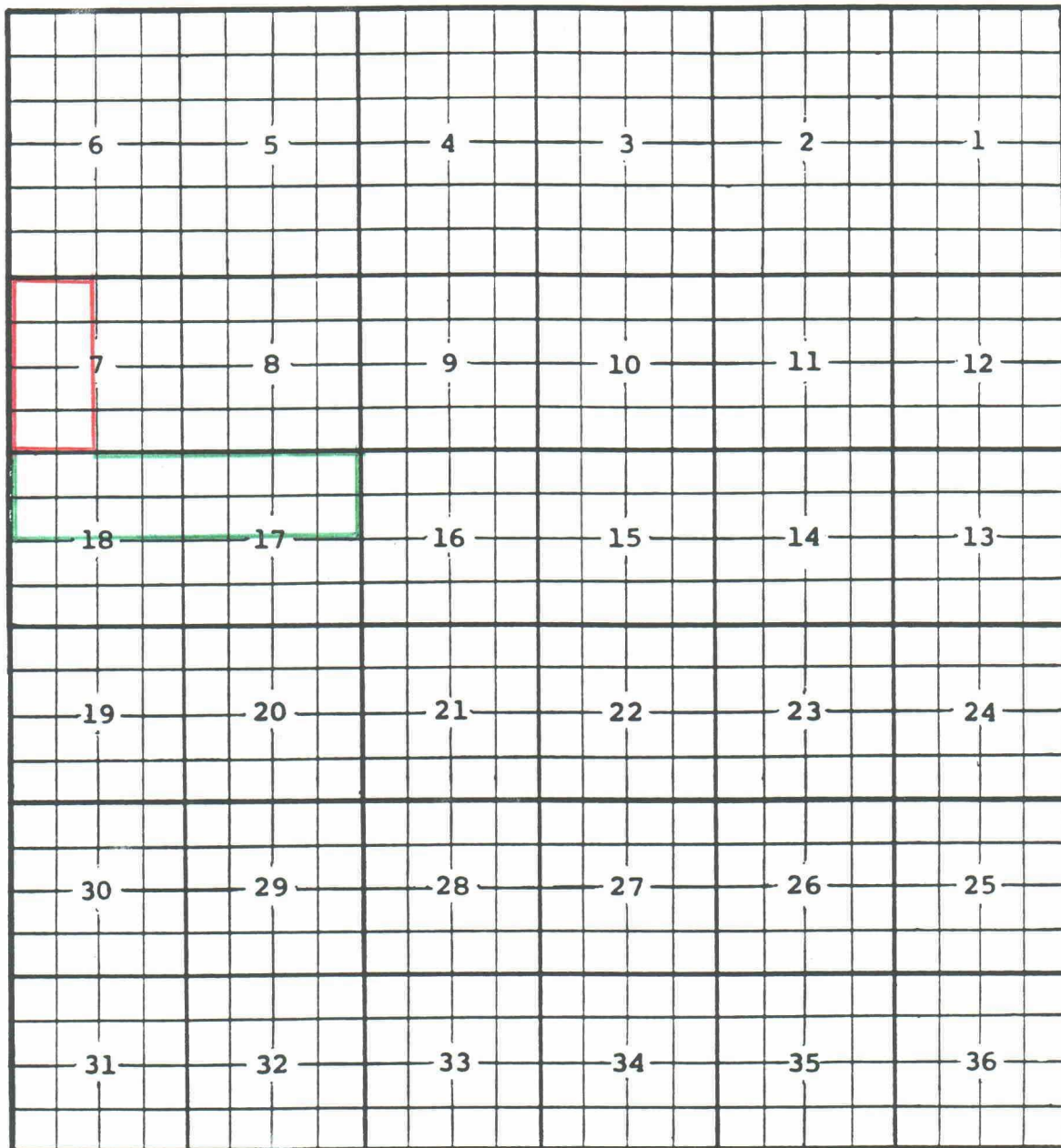
COUNTY LEA

POOL HAT MESA-MORROW GAS

TOWNSHIP 21 South

RANGE 33 East

NMPM



PURPOSE: One completed gas well capable of producing.

Mitchell Energy Corporation Comanche 17 State Well No. 1 located in Unit G of Section 17, Township 21 South, Range 33 East, NMPM. It was completed January 18, 1992, in the Morrow formation. The top of the perforations is at 14,016 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 17: N/2

Section 18: N/2



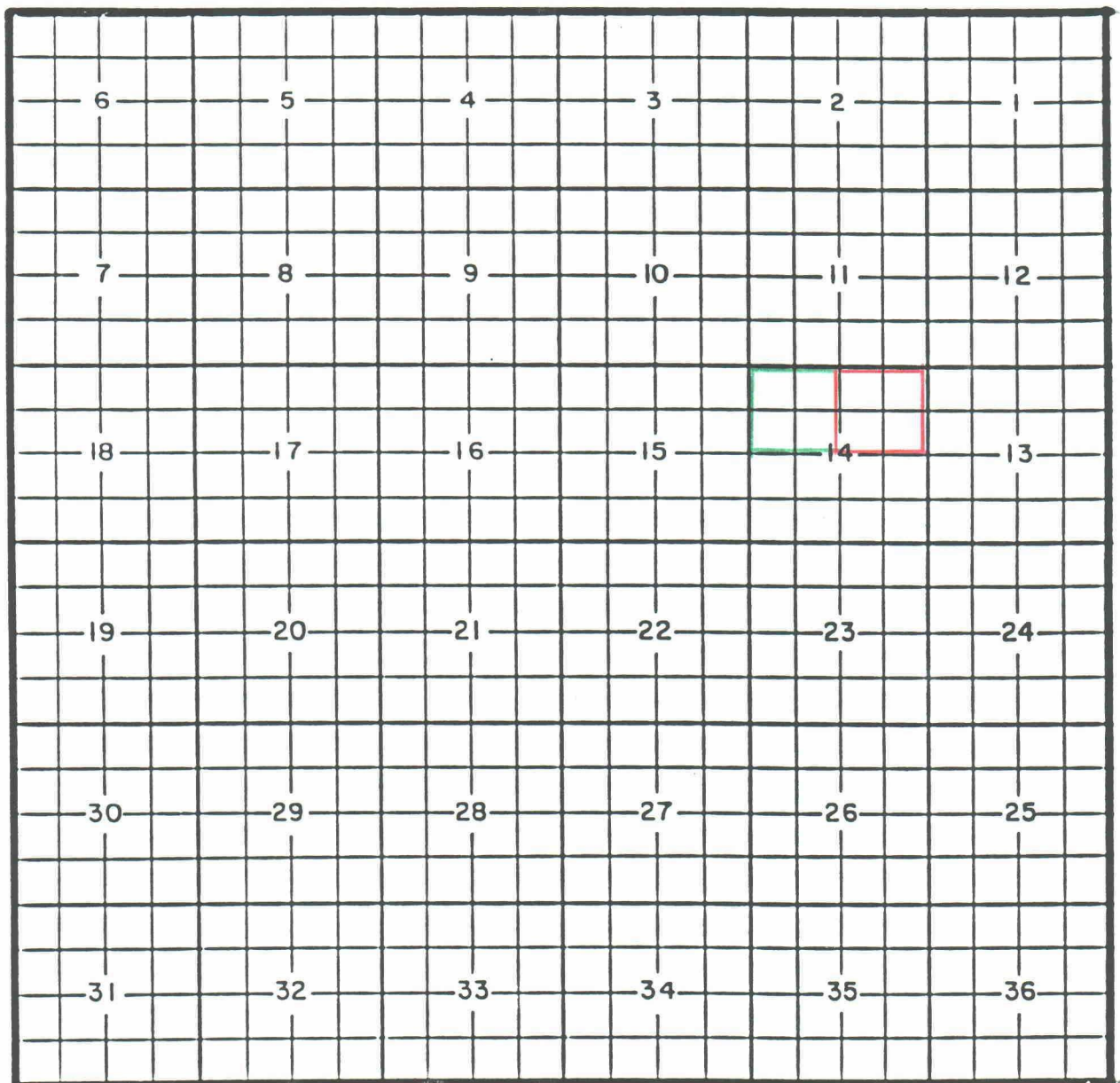
COUNTY LEA

POOL SOUTHWEST HOUSE YATES-SEVEN RIVERS GAS

TOWNSHIP 20 South

RANGE 38 East

NMPM



PURPOSE: One completed gas well capable of producing.

Melzer Exploration Company Amerada Wise Well No. 2 located in Unit E of Section 14, Township 20 South, Range 38 East, NMPM. It was completed April 10, 1992, in the Yates/Seven Rivers formations. The top of the perforations is at 3,048 feet.

Pool boundary outlined in red.

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

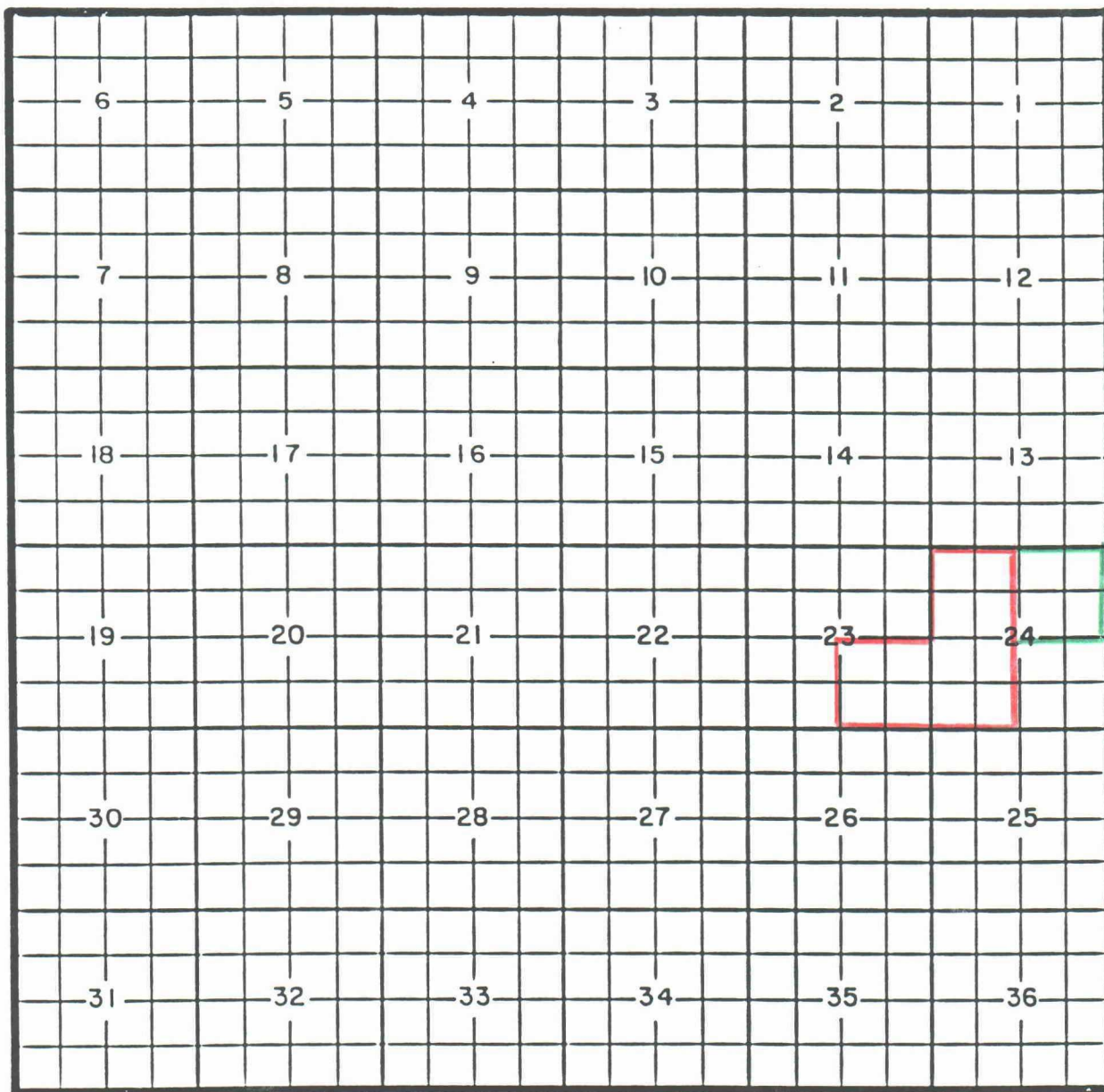
COUNTY LEA

POOL SOUTHEAST KNOWLES-WOLFCAMP

TOWNSHIP 17 South

RANGE 38 East

NMPM



PURPOSE: One completed oil well capable of producing.

Avra Oil Company Amerada Hardin Well No. 1 located in Unit B of Section 24, Township 17 South, Range 38 East, NMPM. It was completed February 7, 1992, in the Wolfcamp formation. The top of the perforations is at 9,743 feet.

Pool boundary outlined in red.

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



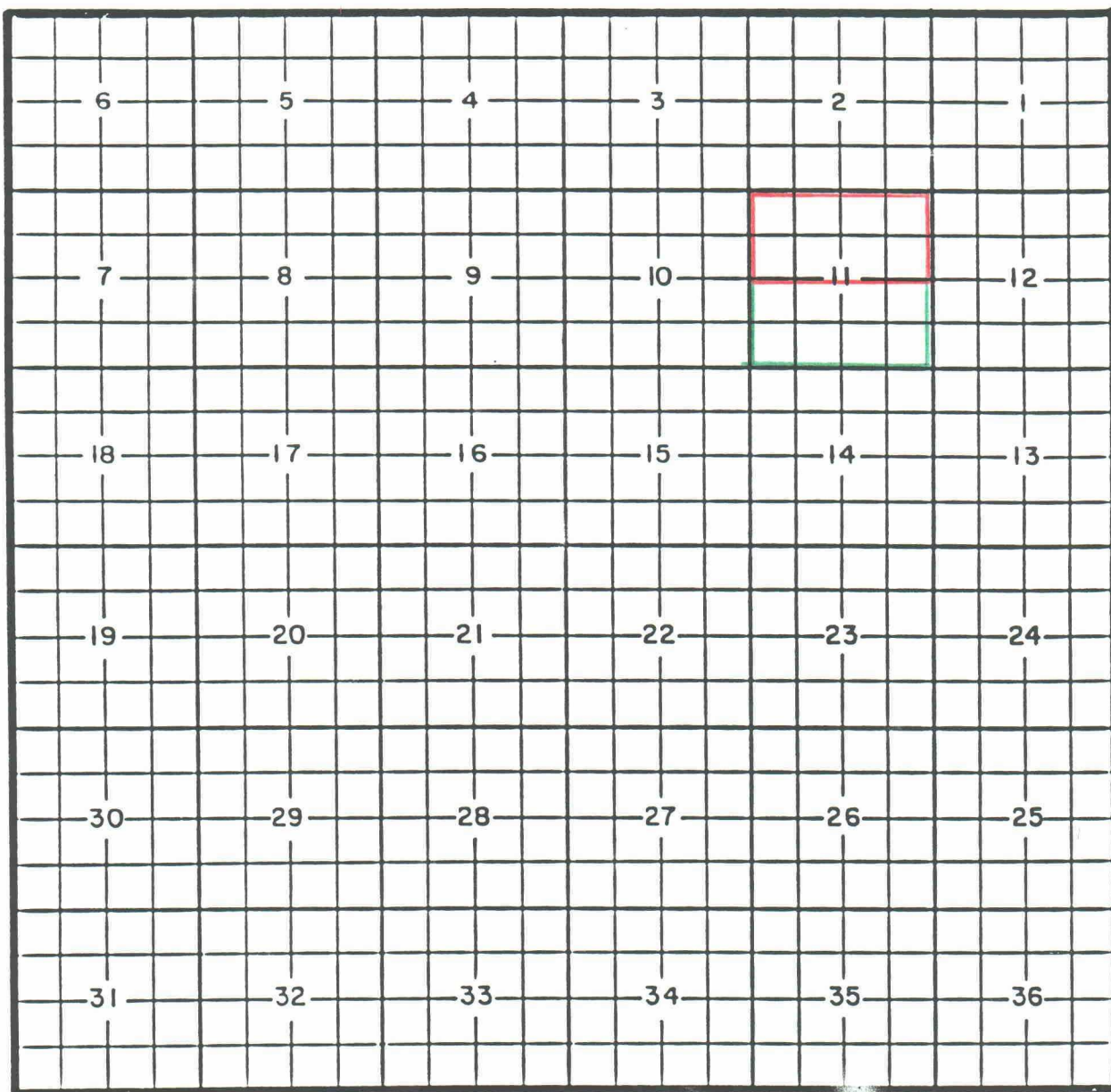
COUNTY LEA

POOL LEA WOLFCAMP-GAS

TOWNSHIP 20 South

RANGE 35 East

NMPM



PURPOSE: One completed gas well capable of producing.

Marathon Oil Company Jordan B Well No. 1 located in Unit 0 of Section 11, Township 20 South, Range 35 East, NMPM. It was completed December 22, 1991, in the Wolfcamp formation. The top of the perforations is at 11,426 feet.

Pool boundary outlined in red.

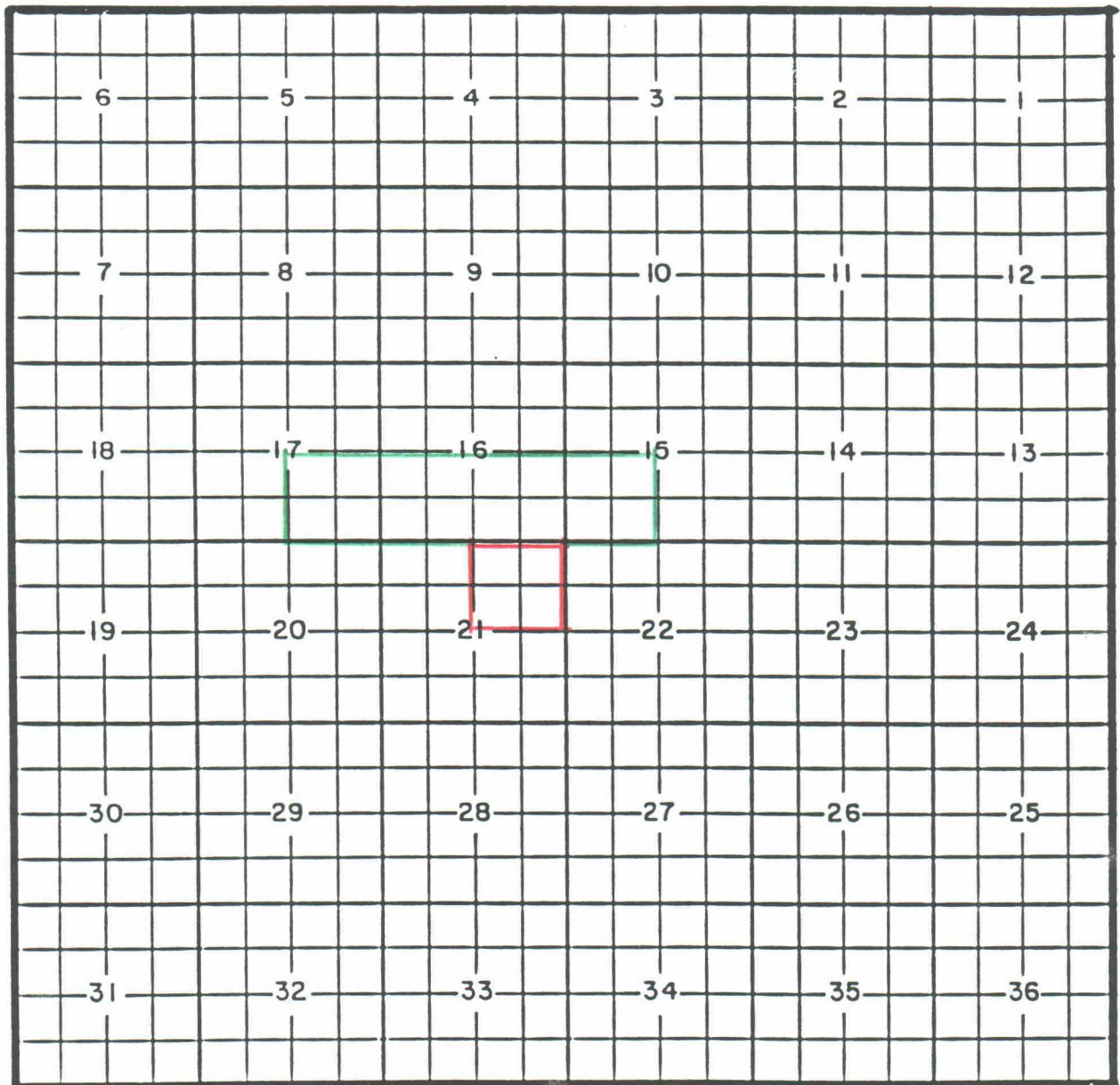
Proposed pool extension outlined in green. Section 11: S/2

COUNTY LEA

POOL EAST LIVINGSTON RIDGE-DELAWARE

TOWNSHIP 22 South RANGE 32 East

NMPM



PURPOSE: Two completed oil wells capable of producing.

Strata Production Company Lechuza Federal Well No. 1 located in Unit M of Section 15 Township 22 South, Range 32 East, NMPM. It was completed February 29, 1992, in the Delaware formation. The top of the perforations is at 7,197 feet. Yates Petroleum Corporation Cleary AKC Federal Well No. 1 located in Unit J of Section 17, Township 22 South, Range 32 East, NMPM. It was completed January 9, 1992, in the Delaware formation. The top of the perforations is at 7,310 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Sect. 15: SW/4; Sect. 16: S/2; Sect. 17: SE/



COUNTY LEA

POOL LOST TANK-DELAWARE

TOWNSHIP 21 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 oil well capable of producing.

Phillips Petroleum Company Luke Federal Well No. 2 located in Unit D of Section 31, Township 21 South, Range 32 East, NMPM. It was completed January 13, 1992, in the Delaware formation. The top of the perforations is at 7,080 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 31: NW/4

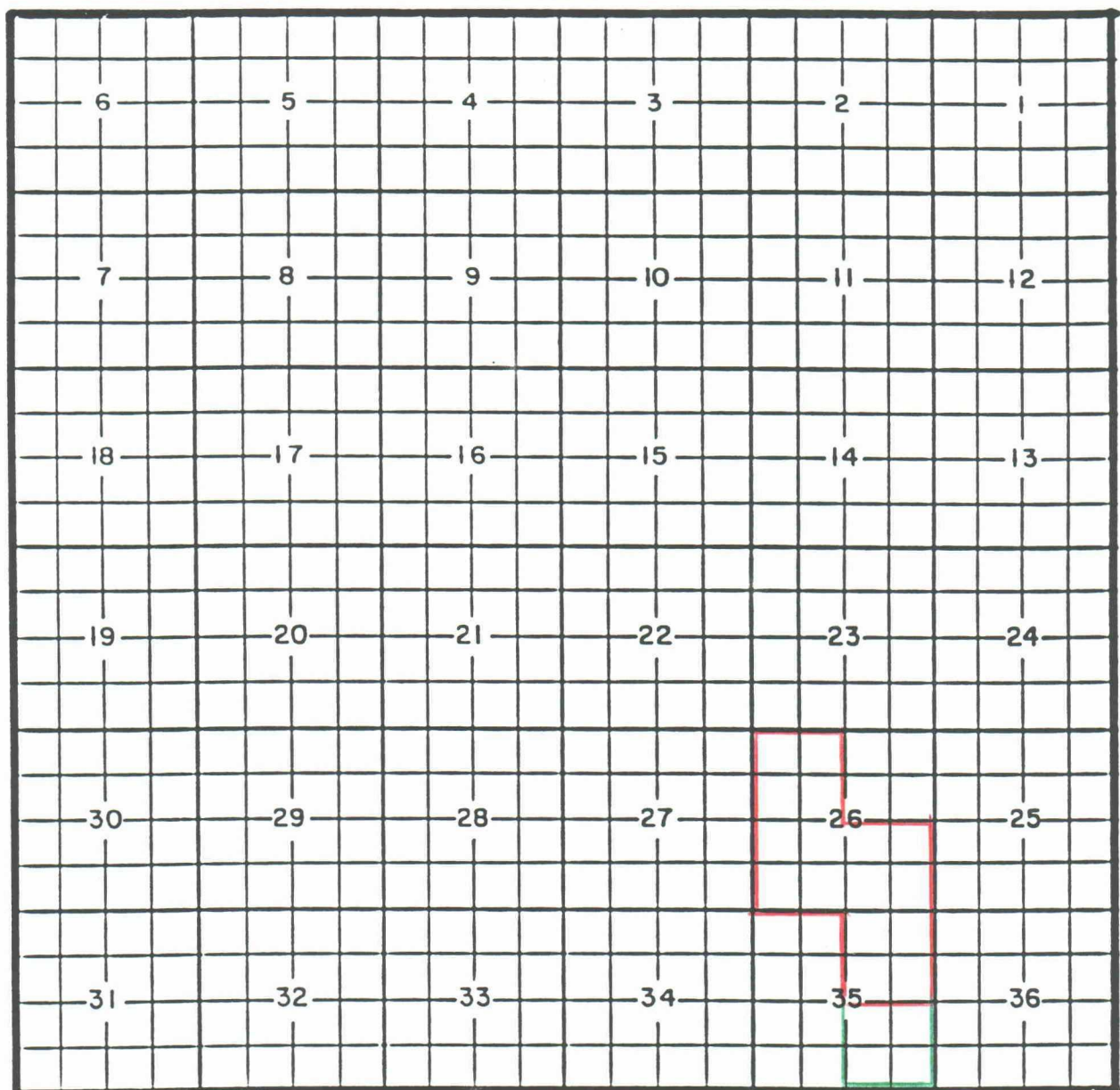
COUNTY LEA

POOL EAST LUSK-DELAWARE

TOWNSHIP 19 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Lusk AHB Federal Well No. 3 located in Unit J of Section 35, Township 19 South, Range 32 East, NMPM. It was completed February 29, 1992, in the Delaware formation. The top of the perforations is at 5,210 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 35: SE/4



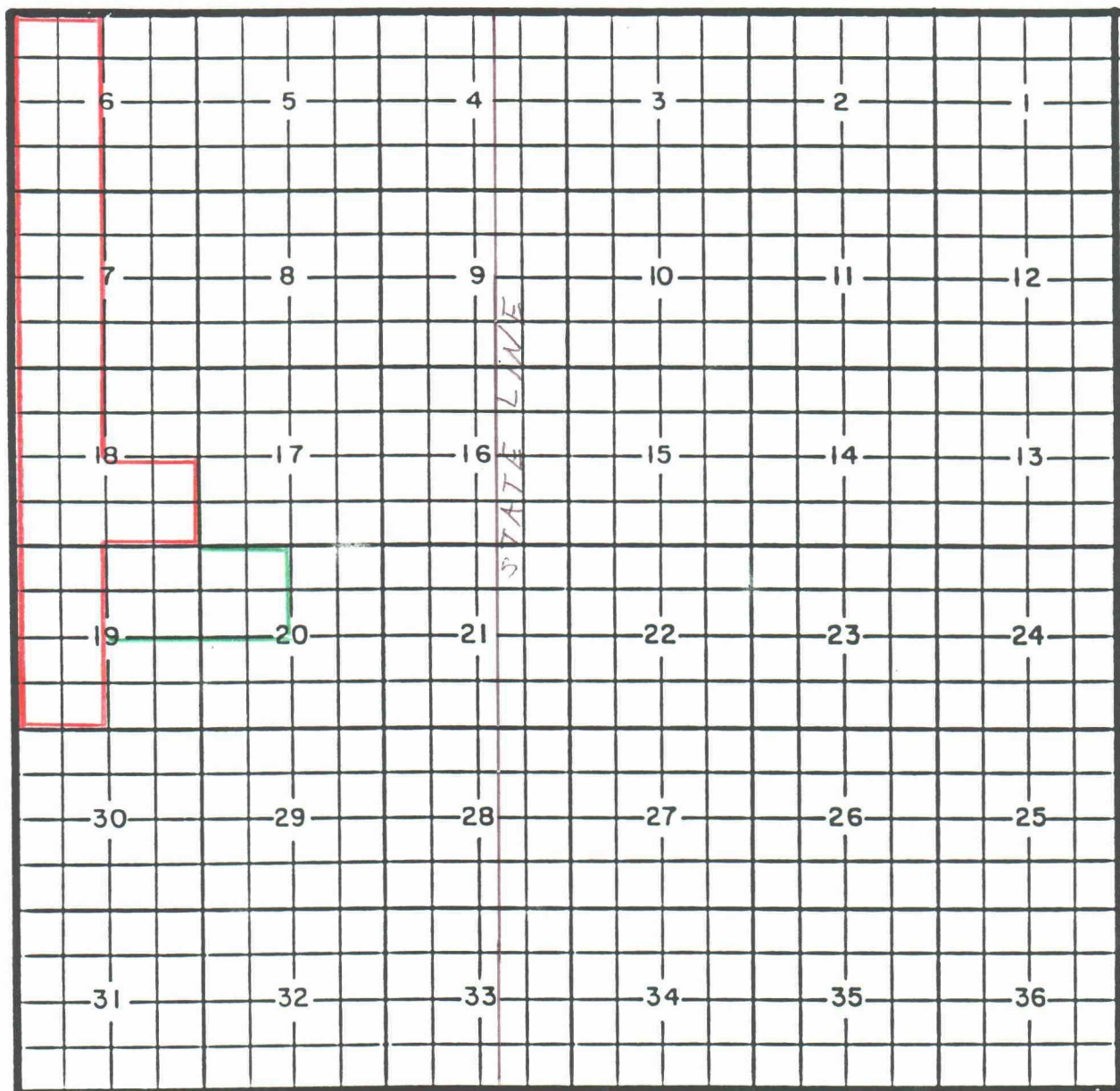
COUNTY LEA

POOL PADDOCK

TOWNSHIP 22 South

RANGE 38 East

NMPM



PURPOSE: One completed oil well capable of producing.

Pro-Gas Operating Inc. W. L. Nix Well No. 1 located in Unit C of Section 20, Township 22 South, Range 38 East, NMPM. It was completed November 26, 1991, in the Paddock formation. The top of the perforations is at 5,283 feet.

Pool boundary outlined in red.

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

Section : NW/4

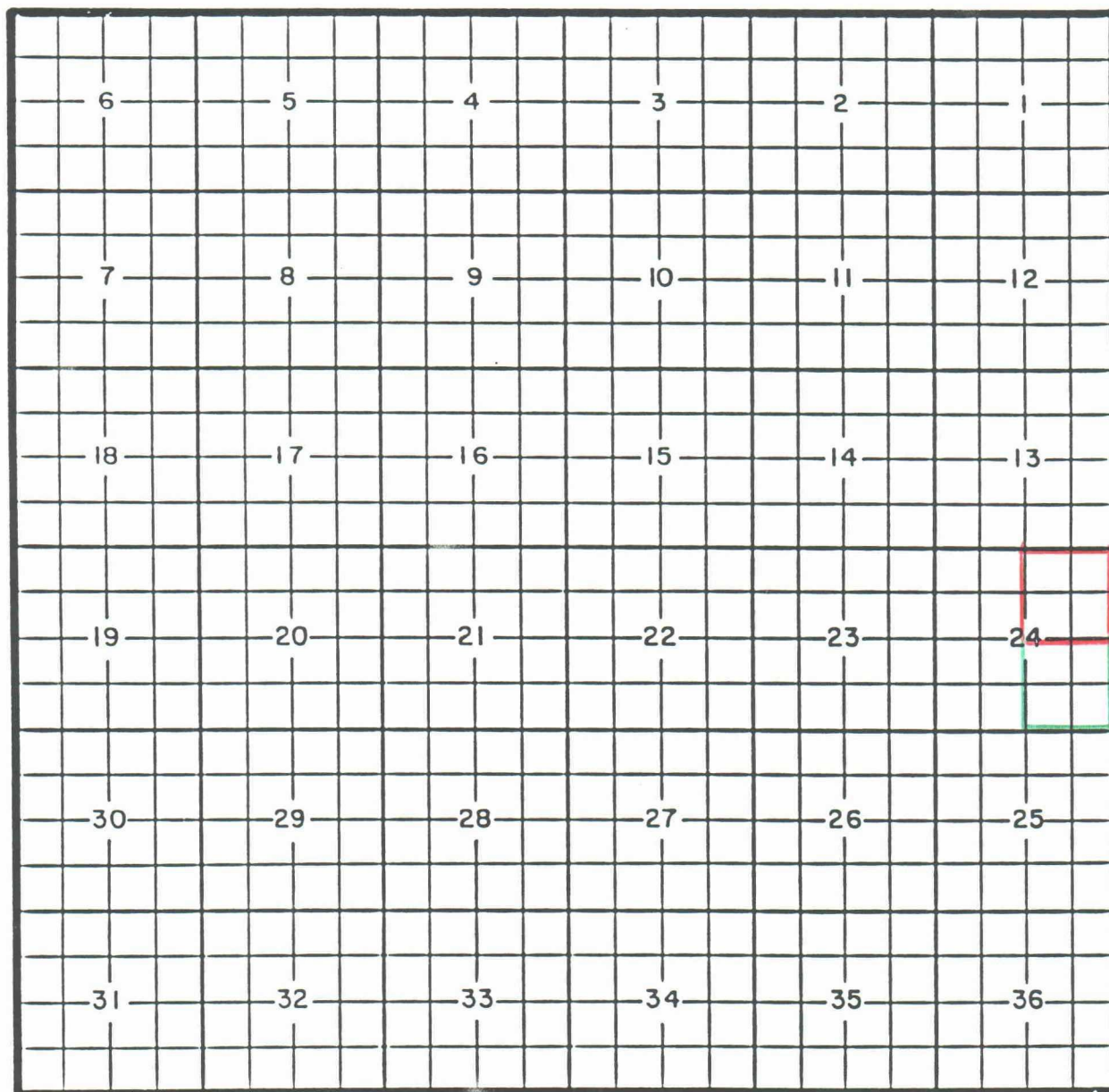
COUNTY LEA

POOL NORTH QUERECHO PLAINS-DELAWARE

TOWNSHIP 18 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

BTA Oil Producers French B 9004 JV-P Well No. 1 located in Unit I of Section 24, Township 18 South, Range 32 East, NMPM. It was completed January 6, 1992, in the Delaware formation. The top of the perforations is at 5,746 feet.

Pool boundary outlined in red.

Proposed pool extensions outlined in green. Section 24: SE/4



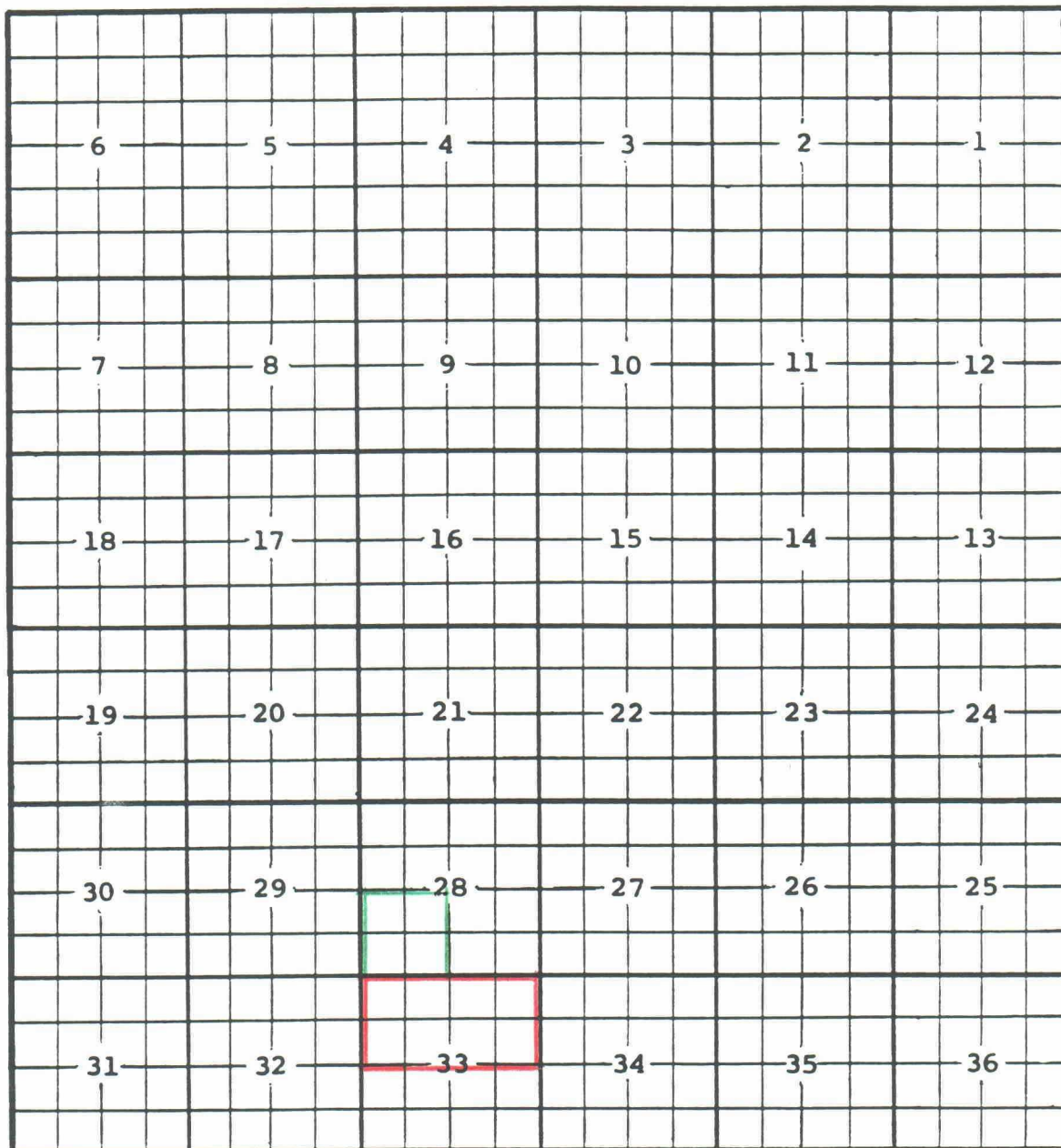
COUNTY LEA

POOL SANMAL-WOLFCAMP

TOWNSHIP 16 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Western Oil Producers Amoco State Well No. 1 located in Unit M of Section 28, Township 16 South, Range 33 East, NMPM. It was completed October 8, 1991, in the Wolfcamp formation. The top of the perforations is at 10,730 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 28: SW/4

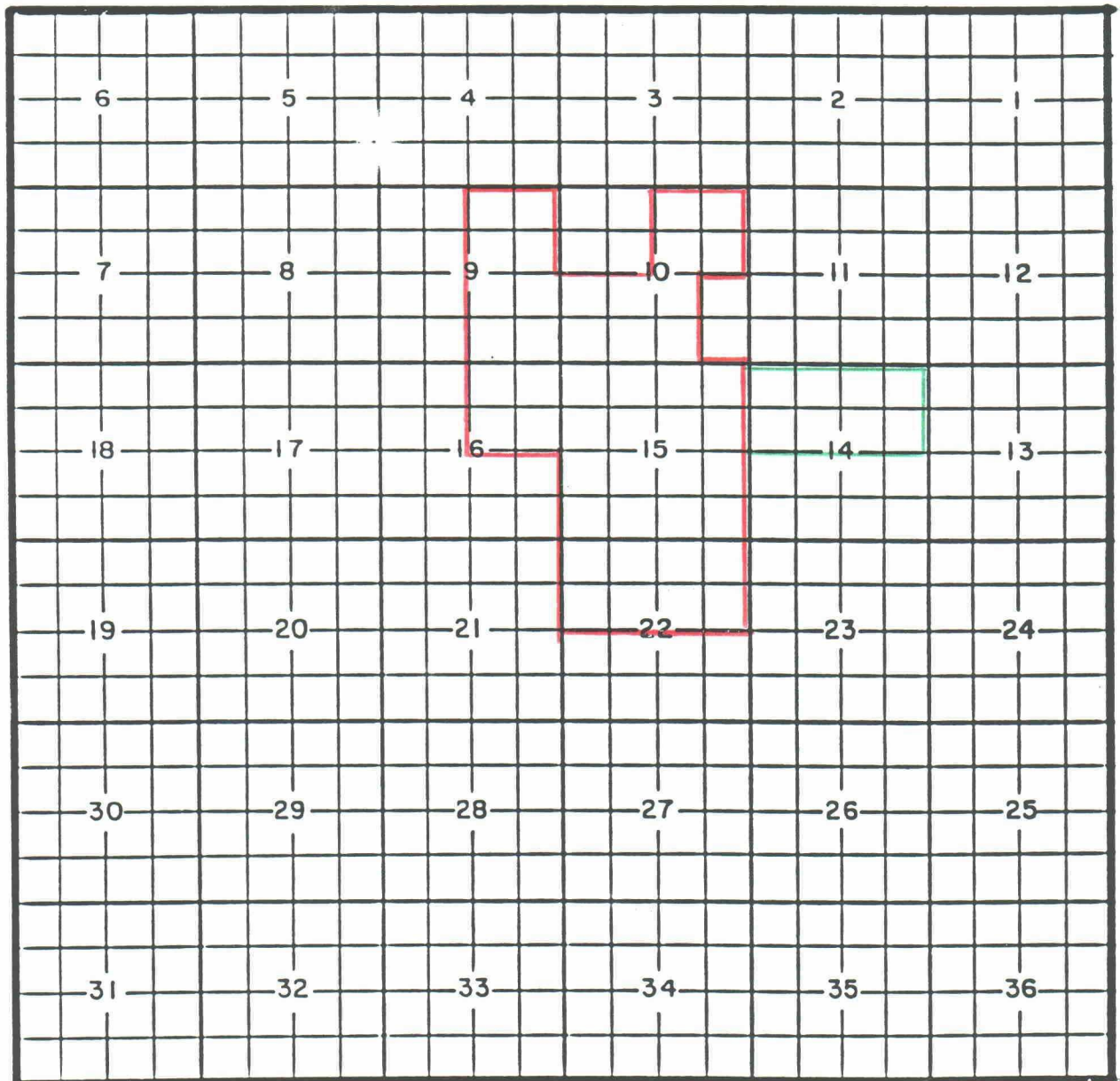
COUNTY LEA

POOL WEIR-BLINEBRY

TOWNSHIP 20 South

RANGE 37 East

NMPM



PURPOSE: One completed oil well capable of producing.

Conoco Inc. SEMU-Weir Blinebry Well No. 120 located in Unit B of Section 14, Township 20 South, Range 37 East, NMPM. It was completed September 1, 1991, in the Blinebry formation. The top of the perforations is at 5,710 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 14: N/2