

CASE 8551: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, contracting, discovery allowable assignment, and extending certain pools in Lea, Roosevelt and Chaves Counties, New Mexico:

- (a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Mississippian production and designated as the Southwest Austin-Mississippian Gas Pool. The discovery well is the Harvey E. Yates Company Goodrich Unit Well No. 1 located in Unit J of Section 11, Township 15 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM

Section 11: E/2

- (b) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the Austin-Pennsylvanian Pool. The discovery well is the Adobe Oil and Gas Corporation State 16 Well No. 1 located in Unit M of Section 16, Township 14 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 14 SOUTH, RANGE 36 EAST, NMPM

Section 16: SW/4

- (c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Atoka production and designated as the Bagley-Atoka Pool. Further, assign approximately 51,855 barrels of discovery allowable to the discovery well, the Petrus Operating Company State A Well No. 1 located in Unit K of Section 34, Township 11 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 34: SW/4

- (d) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Hobbs Channel-Bone Spring Pool. The discovery well is the Harvey E. Yates Company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 25: NW/4

- (e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Hobbs Channel-Bone Spring Pool. The discovery well is the Harvey E. Yates Company Howry 25 Well No. 1 located in Unit E of Section 25, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

Section 10: SE/4

- (k) EXTEND the East Grama Ridge-Strawn Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM

Section 10: E/2

- (l) EXTEND the Hardy-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

DELETE: Section 2: Lots 3, 4, 5, and 6
Section 3: Lots 1, 2, 7, and 8
Addition: Section 3: Lots 9, 10, 15, and 16

- (m) EXTEND the North King-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 37 EAST, NMPM

Section 3: NW/4

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

TOWNSHIP 20 SOUTH, RANGE 34 EAST, NMPM

Section 2: E/2

- (o) EXTEND the Northeast Lovington-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 37 EAST, NMPM

Section 9: S/2 and NE/4

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

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

Section 23: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 18: NW/4

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

TOWNSHIP 8 SOUTH, RANGE 32 EAST, NMPM

Section 6: SE/4

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

TOWNSHIP 18 SOUTH, RANGE 32 EAST, NMPM

Section 16: SW/4

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NEW POOLS

It is recommended that a new GAS pool be created and designated as the SOUTHWEST AUSTIN-MISSISSIPPIAN GAS Pool.

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

Discovery well was Harvey E. Yates Company Goodrich Unit Well #1 located in Unit J Section 11 Township 15 Range 35 and was completed on December 3, 1984. Top of perforations is at 12,893 feet.

It is recommended that a new OIL pool be created and designated as the AUSTIN-PENNSYLVANIAN Pool.

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

Discovery well was Adobe Oil and Gas Corporation State 16 Well #1 located in Unit M Section 16 Township 14 Range 36 and was completed on January 25, 1985. Top of perforations is at 11,178 feet.

It is recommended that a new OIL pool be created and designated as the BAGLEY-ATOKA Pool.

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

Discovery well was Petrus Operating Co. State A #1 located in Unit K Section 34 Township 11 Range 33 and was completed on November 30, 1984. Top of perforations is at 10,371 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the HOBBS CHANNEL-BONE SPRING Pool.

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

Discovery well was Harvey E. Yates Company Howry 25 #1 located in Unit E Section 25 Township 17 Range 37 and was completed on February 6, 1985. Top of perforations is at 8,486 feet.

It is recommended that a new OIL pool be created and designated as the WEST OSUDO-WOLFCAMP Pool.

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

Discovery well was Amoco Production Company Best Well #1 located in Unit G Section 23 Township 20 Range 35 and was completed on May 22, 1984. Top of perforations is at 11,423 feet.

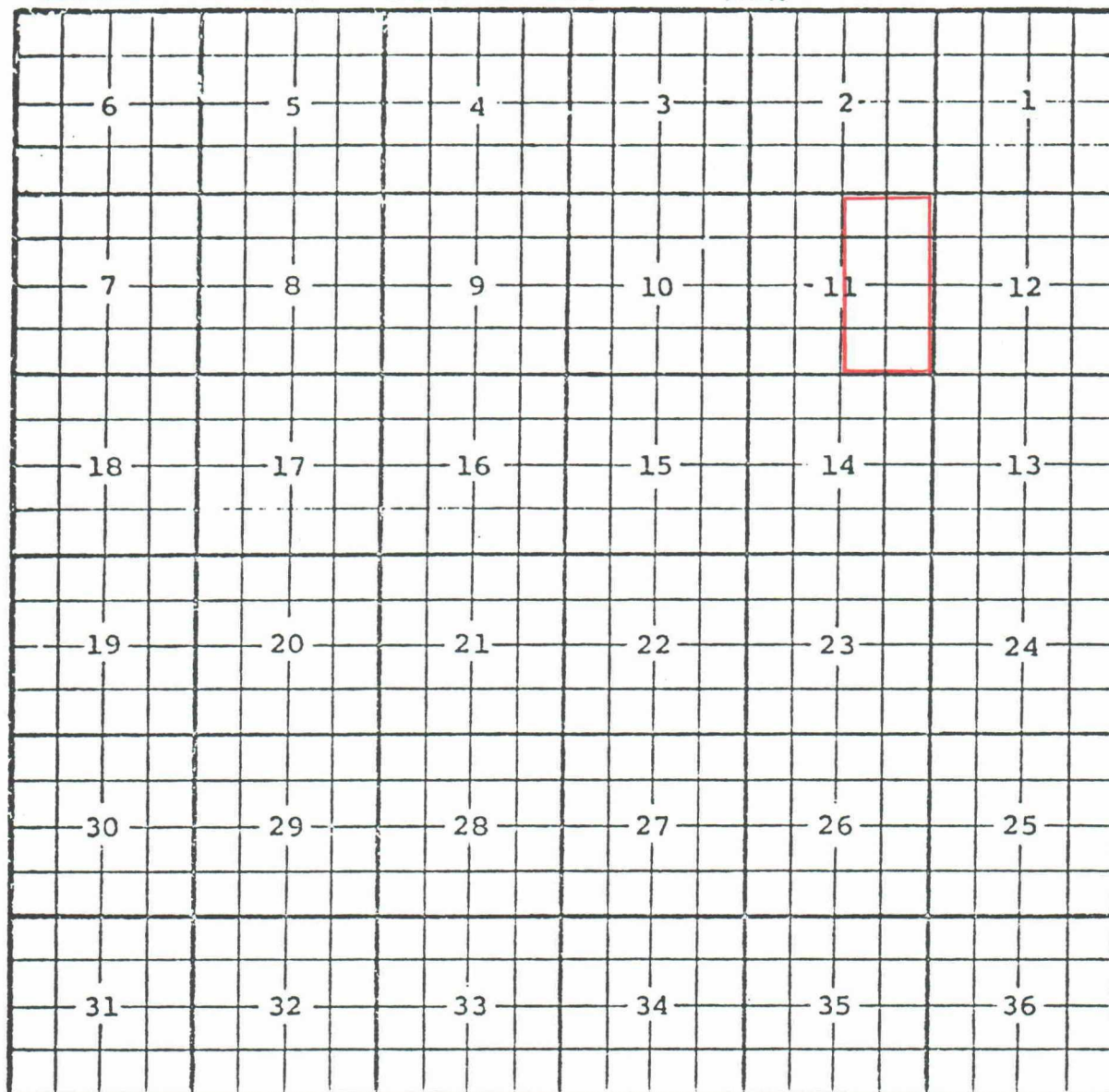
It is recommended that a new _____ pool be created and designated as the _____ Pool.

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.

COUNTY LEA POOL SOUTHWEST AUSTIN-MISSISSIPPIAN GAS

TOWNSHIP 15 South RANGE 35 East NMFM



PURPOSE: One completed gas well capable of producing.

Discovery well: Harvey E. Yates Company Goodrich Unit #1-J in Sec 11, T15S, R35E, completed 12/3/84 in the Mississippian formation. Top perf 12,893 feet.

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

COUNTY LEA POOL AUSTIN-PENNSYLVANIAN

TOWNSHIP 14 South RANGE 36 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.

Discovery well: Adobe Oil & Gas Corporation State 16 #1-M in Sec 16, T14S,
R36E, completed 1/25/85 in the Cisco formation. Top perf 11,178 feet.

Proposed pool boundary outlined in red. Section 16: SW/4

COUNTY	LEA	POOL	BAGLEY-ATOKA
TOWNSHIP	11 South	RANGE	33 East
NMPM			
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

PURPOSE: One completed oil well capable of producing.

Discovery well: Petrus Operating Company State A #1-K in Sec 34, T11S, R33E, completed 11/30/84 in the Atoka formation. Top perf 10,371 feet.

Also, assign a discovery allowable of 51,855 barrels to discovery well.

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

COUNTY LEA

POOL HOBBS CHANNEL-BONE SPRING

TOWNSHIP 17 South

RANGE 37 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.

Discovery well: Harvey E. Yates Company Howry "25" #1-E in Sec 25, T17S, R37E, completed 2/6/85 in the Bone spring formation. Top perf 8,436 feet.

Pool boundary outlined in red. Section 25: NW/4

COUNTY LEA POOL WEST OSUDO-WOLFCAMP

TOWNSHIP 20 South RANGE 35 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.

Discovery well: Amoco Production Co. Best #1-G in Sec 23, T20S, R35E,
completed 5/22/84 in the Wolfcamp formation. Top perf 11,423 feet.

Proposed pool boundary outlined in red. Section 23: NE/4

COUNTY

LEA

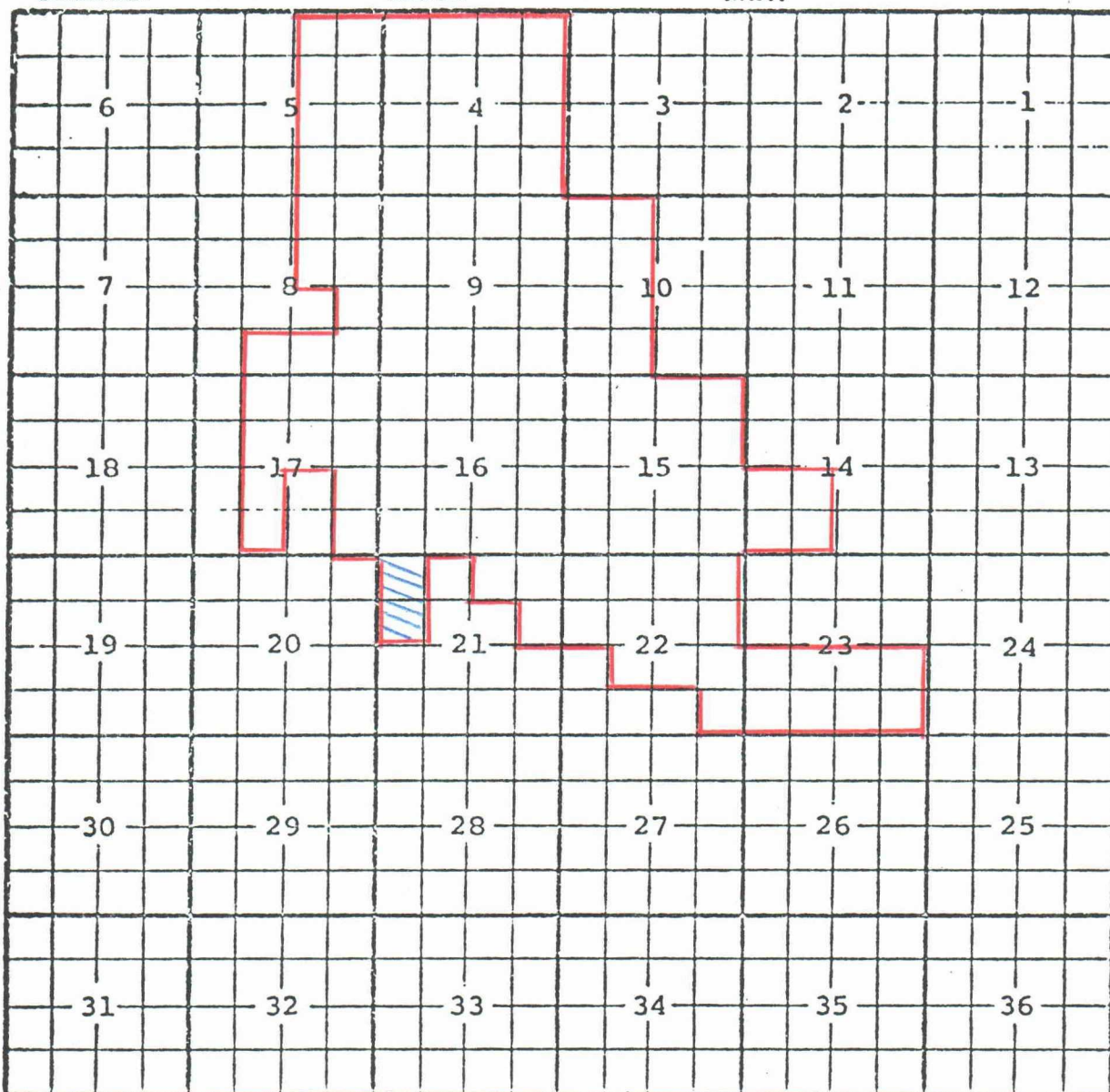
POOL RHODES-YATES-SEVEN RIVERS GAS

TOWNSHIP

26 South

RANGE 37 East

NMPM



PURPOSE: Delete acreage dedicated to El Paso Expl. Co. Elliott Fed #2-D in 21-26-37 and Moberly C #3-E. Elliott Fed #2 has been reclassified to an oil well and Moberly C #3 has been converted to a water injection well.

Pool boundary outlined in red.

Proposed deletion hachured in blue. Section 21: W/2 NW/4

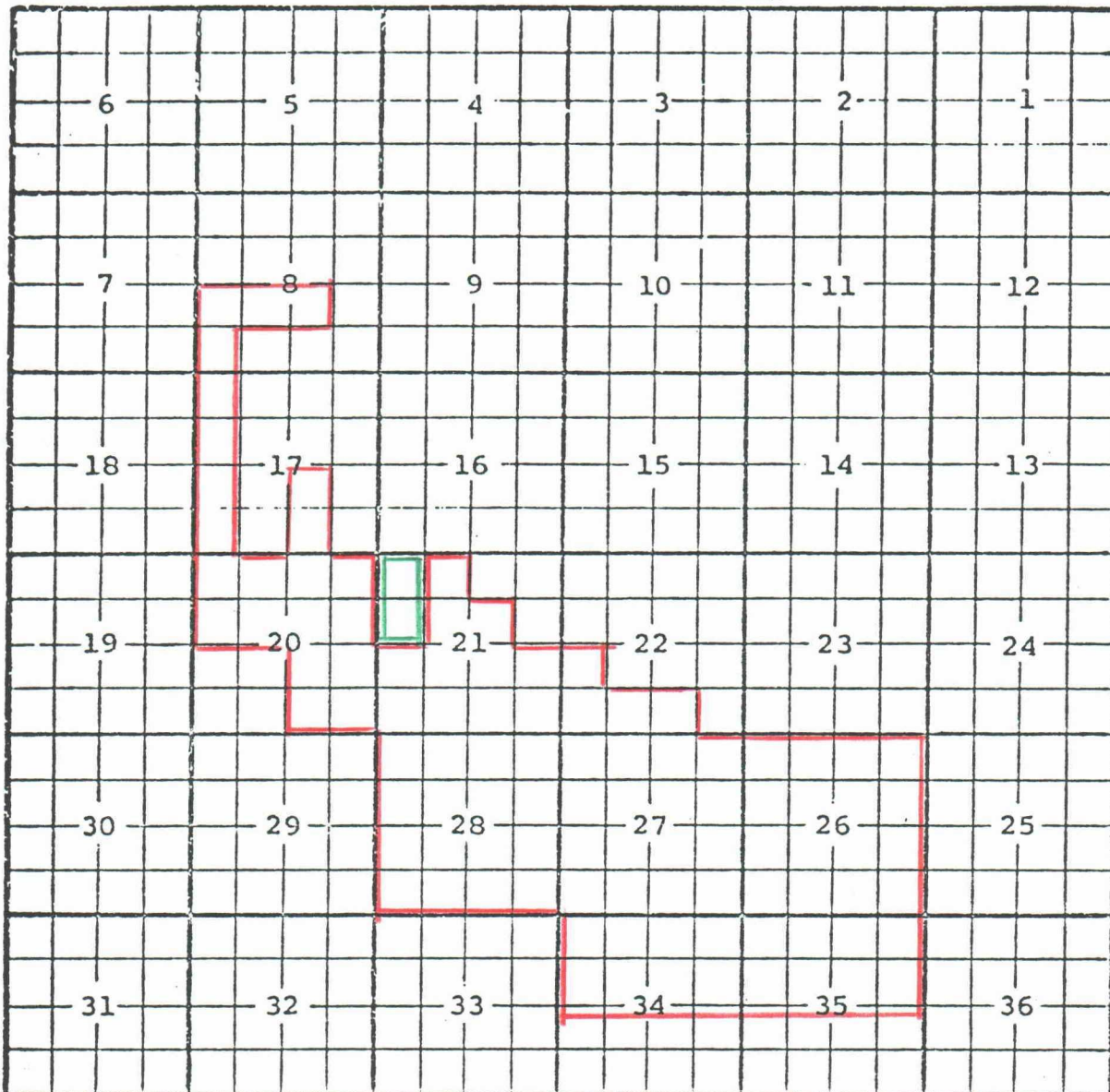
COUNTY LEA

POOL RHODES-YATES-SR OIL

TOWNSHIP 26 South

RANGE 37 East

NMPM



PURPOSE: To take in area deleted from the Rhodes Yates-SR Gas Pool and dedicated to El Paso Expl. Co. Elliott Fed #2-D (which has been reclassified from gas to oil) and Moberly C #3-E (which has been converted to water injection.)

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 21: W/2 NW/4

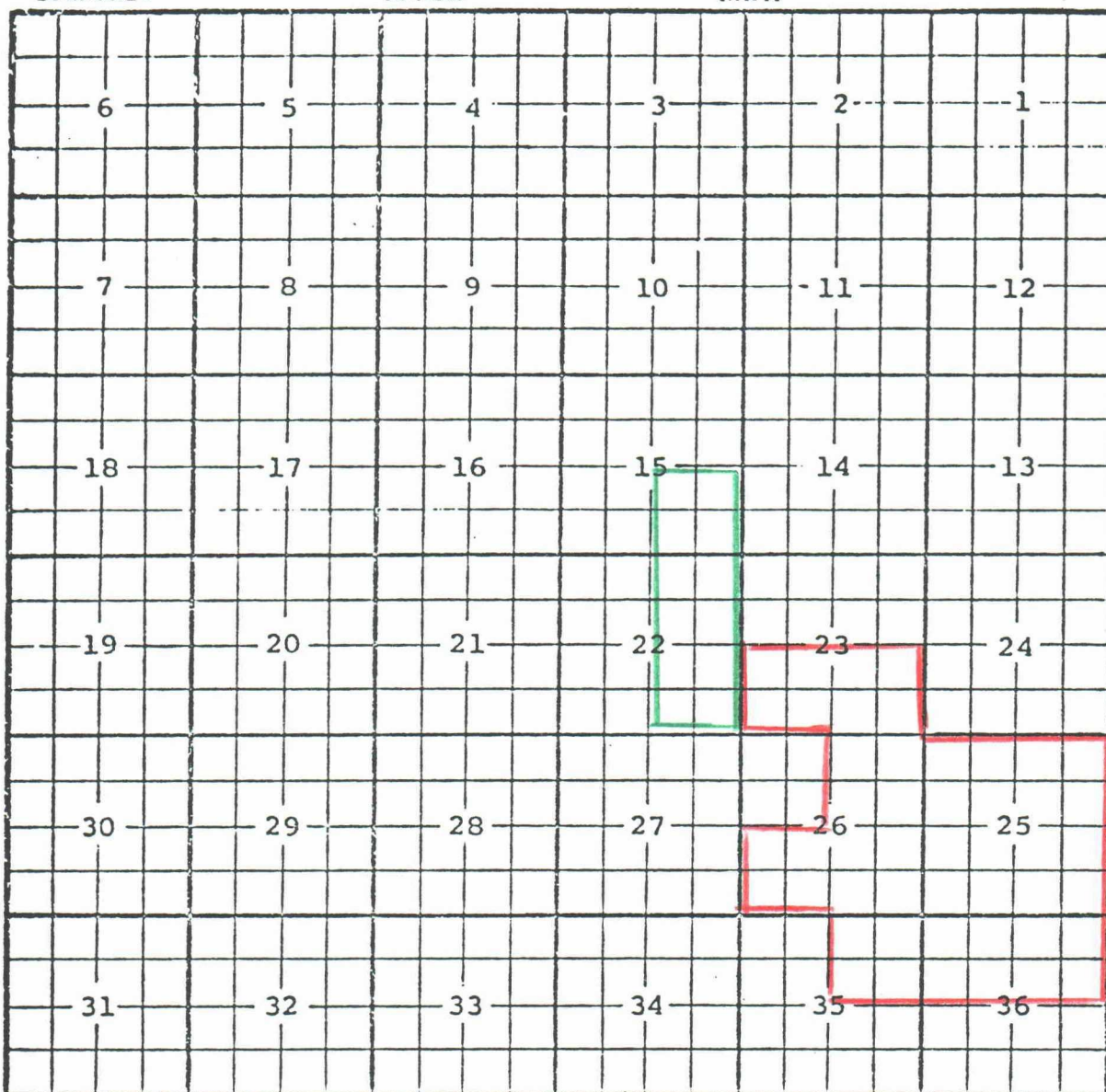
COUNTY LEA

POOL AIRSTRIP-BONE SPRING

TOWNSHIP 18 South

RANGE 34 East

NMPM

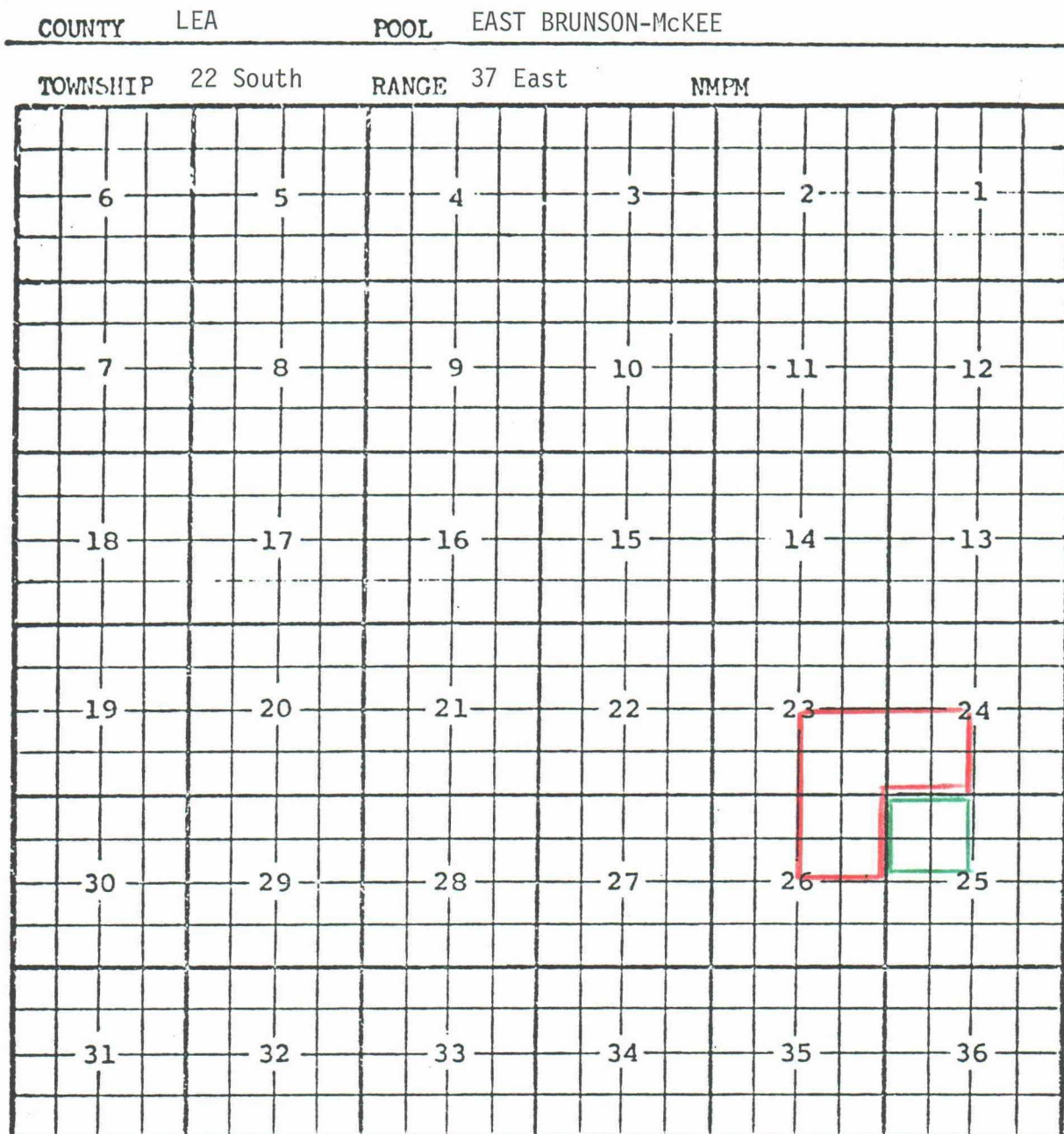


PURPOSE: One completed oil well capable of producing.

Southland Royalty Co. Tonto 15 State #1-I in Sec 15, T18S, R34E, completed 1/2/85 in the Bone Spring formation. Top perf 9,847 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 15: SE/4
Section 22: E/2



PURPOSE: One completed oil well capable of producing.

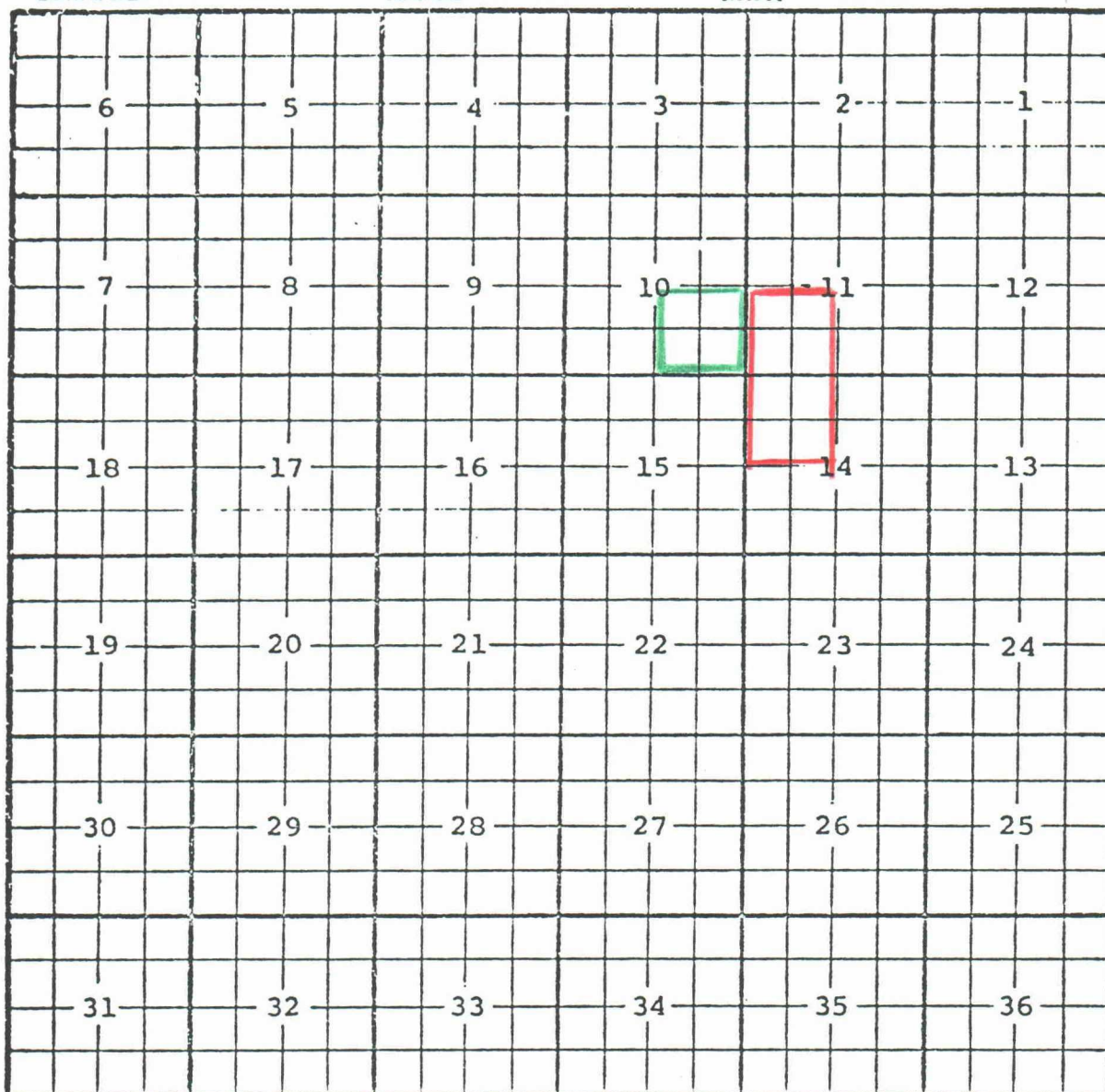
Sun Expl. & Prod. Co. E.E. Drinkard #3-D in Sec. 25, T22S, R37E, completed Dec. 4, 1985, in the McKee formation. Top perf 7,328 feet.

Pool boundary outlined in red.

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

COUNTY ROOSEVELT POOL NORTH CHAVEROO-PERMO PENNSYLVANIAN

TOWNSHIP 7 South RANGE 33 East NMPM



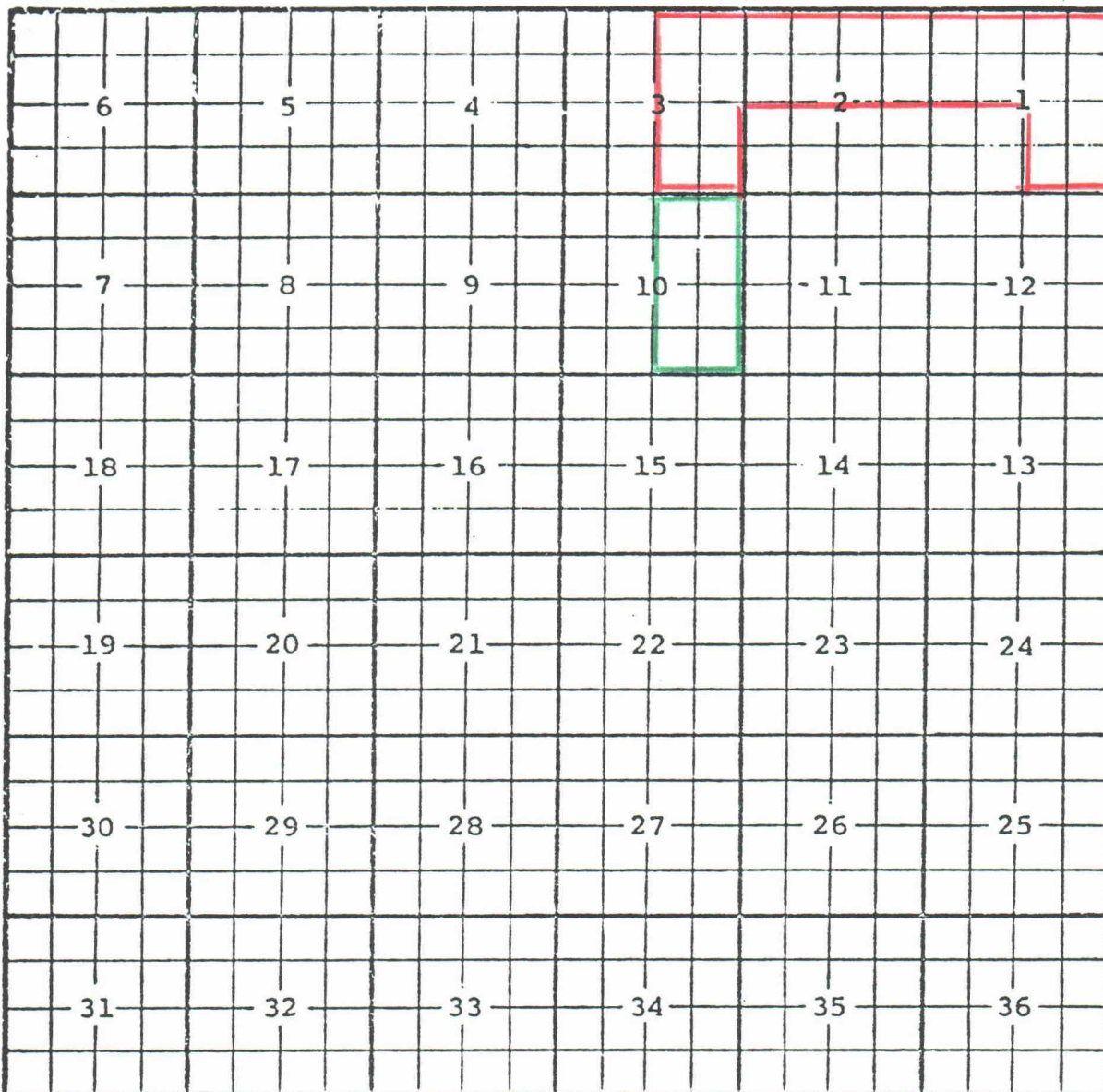
PURPOSE: One completed oil well capable of producing.
 Yates Petroleum Corp. Weistrap ABB Fed #1-I in Sec 10, T7S, R33E, completed
 Feb 12, 1985, in the Bough B. Top perf 8258 feet

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 10: SE/4

COUNTY LEA POOL EAST GRAMA RIDGE-STRAWN GAS

TOWNSHIP 22 South RANGE 34 East NMPM



PURPOSE: One completed gas well capable of producing.

Minerals, Inc. Government A #2-A in Sec 10, T22S, R34E, completed 2/24/84
in the Strawn formation. Top perf 11,772 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 10: E/2

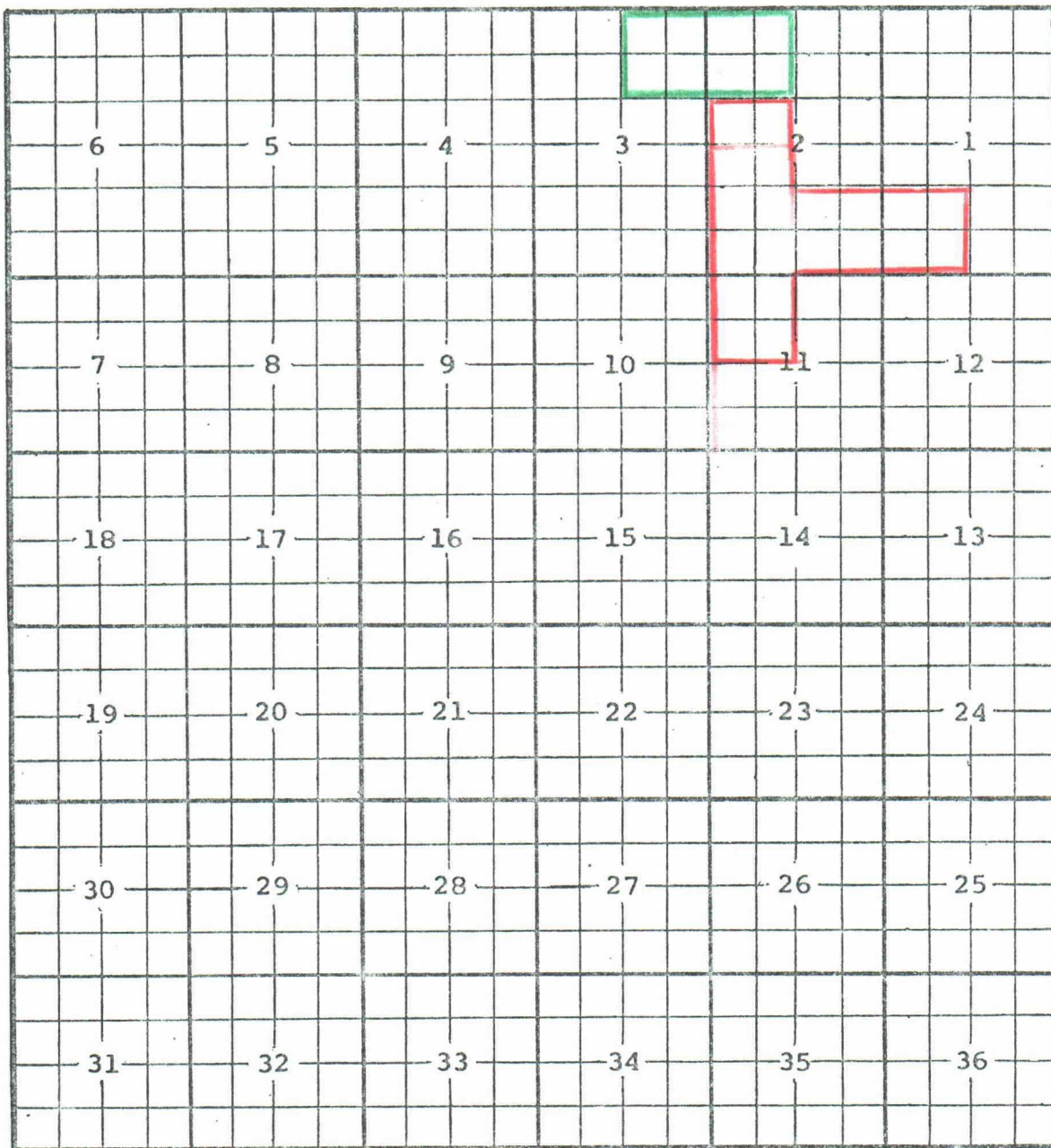
COUNTY LEA

POOL HARDY-TUBB

TOWNSHIP 21 South

RANGE 36 East

NMPM



PURPOSE: One completed oil well capable of producing.

Gulf Oil Corp. Evans State #7-P in Sec 3, T21S, R36E, completed 1/17/85 in the Tubb formation. Top perf 6,626 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 2: Lots 3, 4, 5, and 6

SECTION 3: Lots 1, 2, 7, and 8

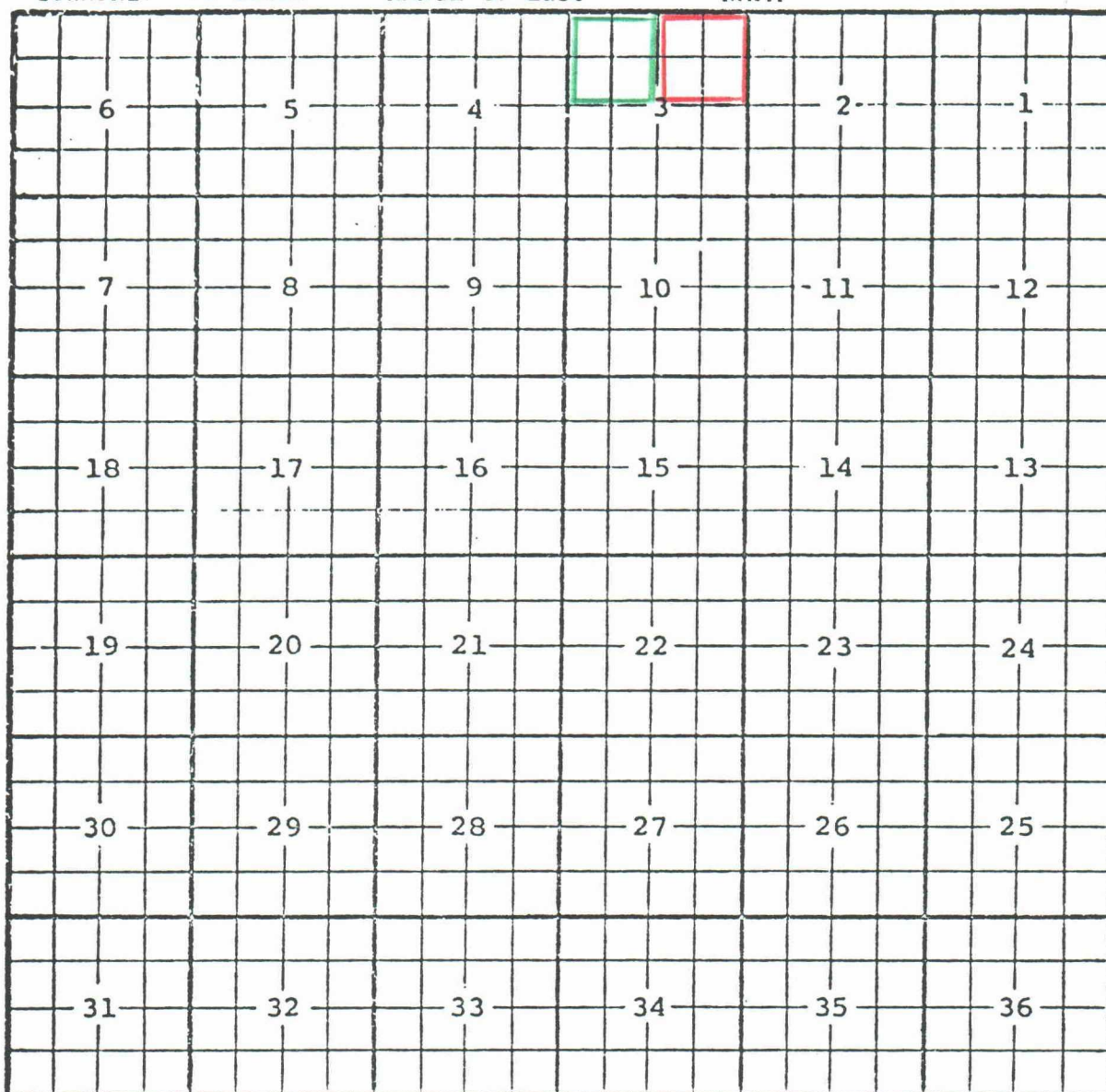
COUNTY LEA

POOL NORTH KING-DEVONIAN

TOWNSHIP 13 South

RANGE 37 East

NMPM



PURPOSE: One completed oil well capable of producing.

Echo Prod. Inc. Lowe Land Co. #1-C in Sec 3, T13S, R37E, completed 1/14/85 in the Devonian formation. Top perf 11,934 feet.

Pool Boundary outlined in red.

Proposed pool extension outlined in green. SECTION 3: NW/4

COUNTY LEA

POOL LEA-PENNSYLVANIAN GAS

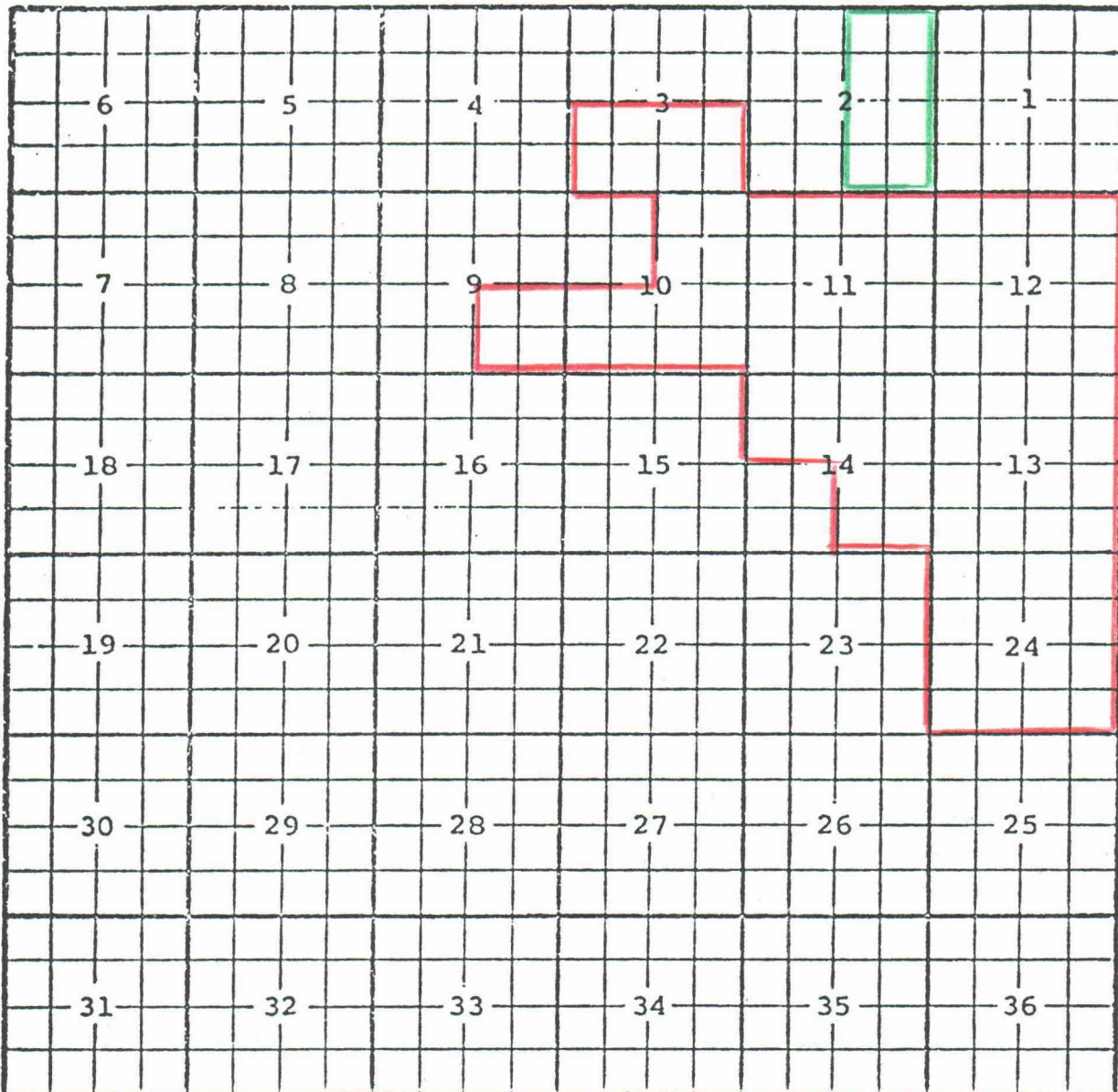
TOWNSHIP

20 South

RANGE

34 East

NMFM



PURPOSE: One completed gas well capable of producing.

Mobil Prod. TX & NM Inc. West Pearl State #1-A in Sec 2, T20S, R34E, completed 12/7/84 in the Morrow formation. Top perf 13,046 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 2: E/2

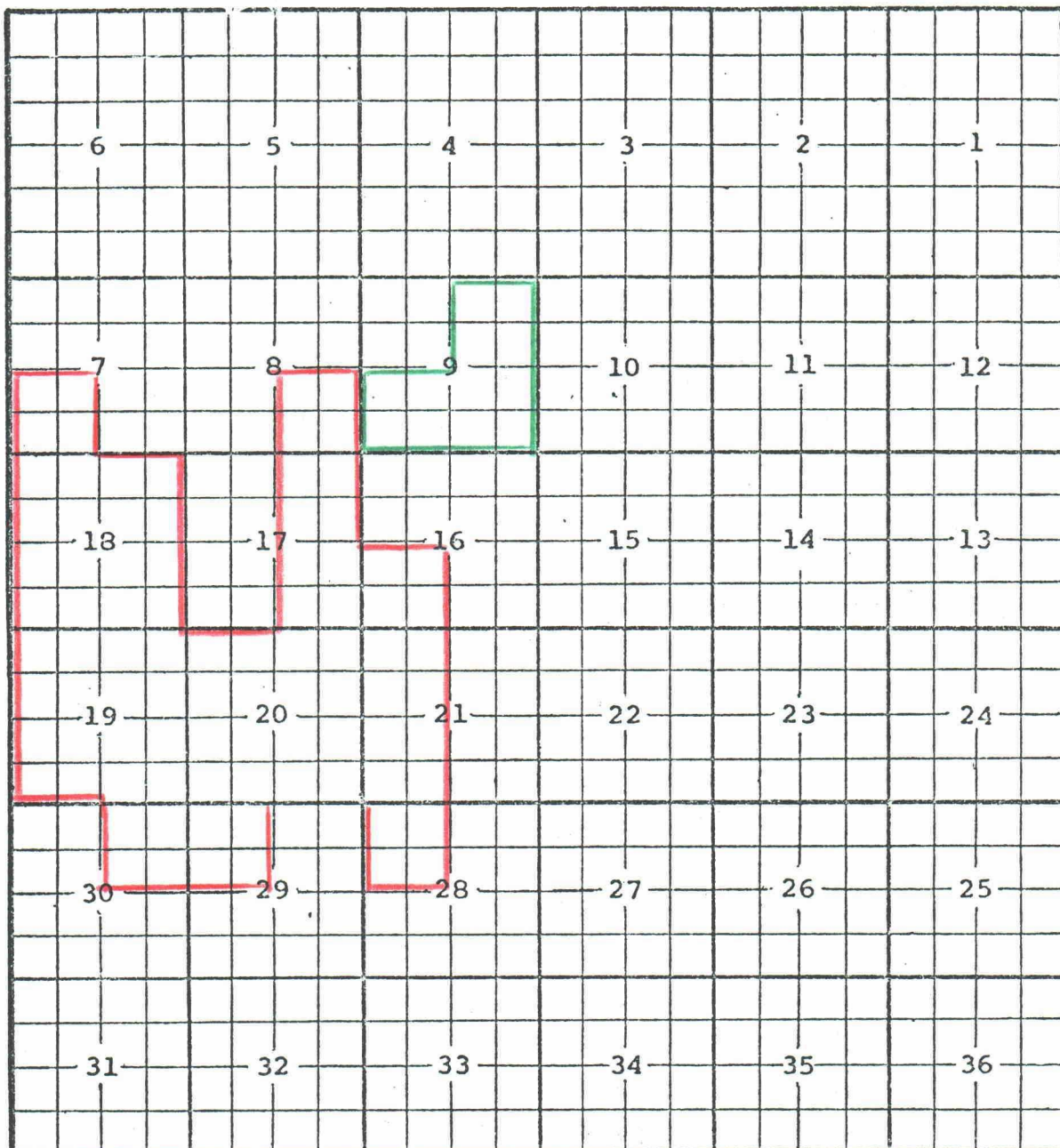
COUNTY LEA

POOL NORTHEAST LOVINGTON-PENNSYLVANIAN

TOWNSHIP 16 South

RANGE 37 East

NMPM



PURPOSE: One completed oil well capable of producing.

Amerada Hess Corp. State 9 #1-B in Sec 9, T16S, R37E, completed 1/28/85 in the Strawn formation. Top perforation 11,564 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 9: S/2 and NE/4

COUNTY

LEA

POOL

EAST PADUCA-DELAWARE

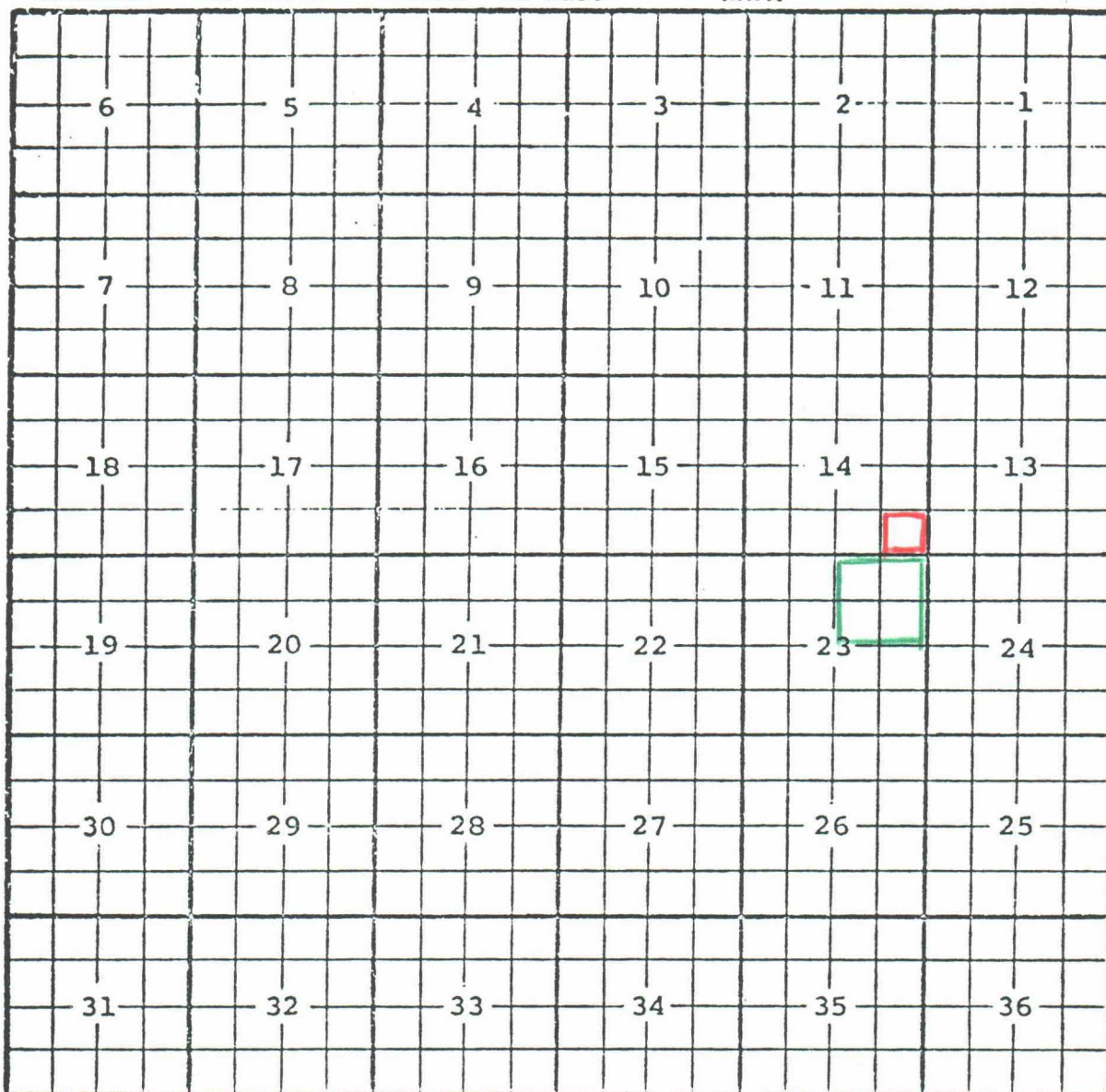
TOWNSHIP

25 South

RANGE

32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corp. Paduca Unit #2-A in Sec 23, T25S, R32E, completed 1/29/85 in the Delaware formation. Top perf 4838 feet.

Pool boundary outlined in red.

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

COUNTY	LEA	POOL	QUAIL-QUEEN		
TOWNSHIP	19 South	RANGE	35 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.

Fred G. Yates, Inc. Reddy Gulf State #1-D in Sec 18, T19S, R35E, completed 1/10/85 in the Queen formation. Top perf 5043 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 18: NW/4

COUNTY

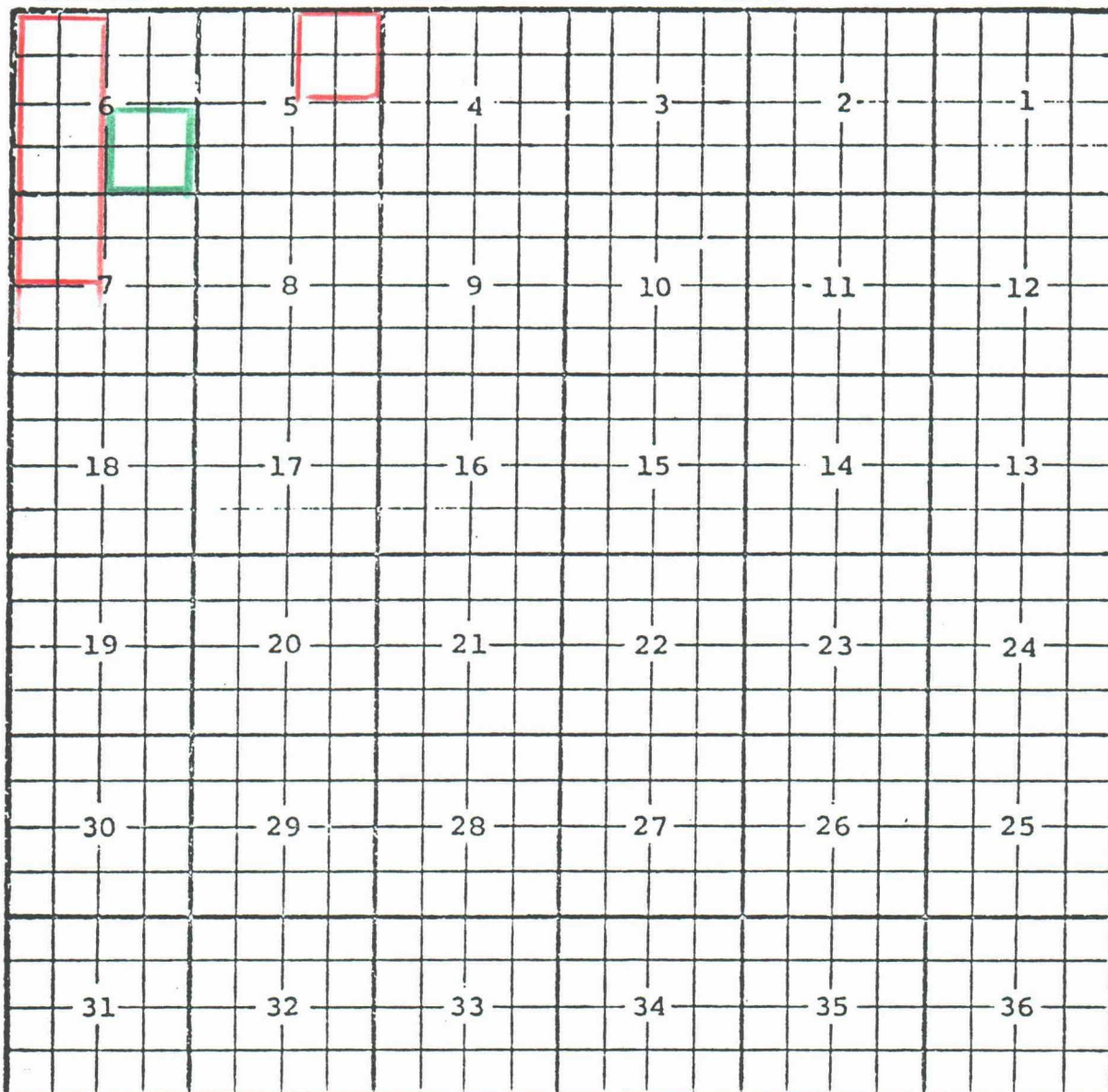
CHAVES

POOL TOMAHAWK-SAN ANDRES

TOWNSHIP 8 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Fred G. Yates, Inc. South Tomahawk Fed #3-I in Sec 6, T8S, R32E, completed 1/23/85 in the San Andres formation. Top perf 4183 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 6: SE/4

COUNTY LEA

POOL YOUNG-BONE SPRING

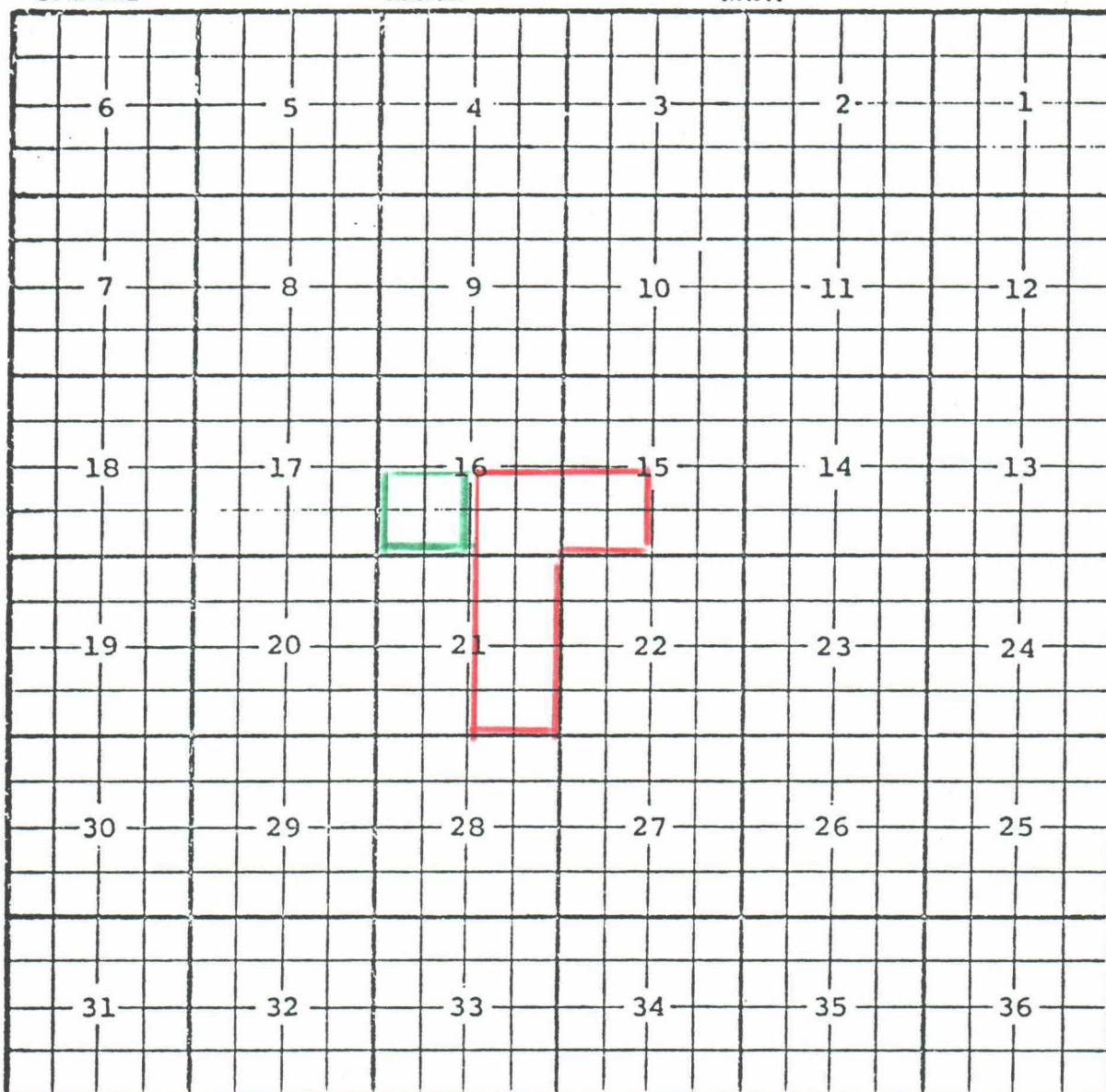
TOWNSHIP

18 South

RANGE

32 East

NMPM



PURPOSE: One completed oil well capable of producing.

JFG Enterprise ARCO State #1-N in Sec 16, T18S, R32E, completed 12/1/84 in the Bone Spring formation. Top perf 8,964 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 16: SW/4