

NEW POOLS

It is recommended that a new OIL pool be created and designated as the EAST AVALON-DELAWARE Pool.

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

Discovery well was EXXON CORP. BURTON FLAT B FED #1- located in Unit E Section 1 Township 21 Range 27 and was completed on September 25, 1983. Top of perforations is at 5,480 feet.

It is recommended that a new OIL pool be created and designated as the WEST CORRAL CANYON-DELAWARE Pool.

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

Discovery well was Mobil Prod. TX & NM Inc. Corral Draw Ut #1 located in Unit K Section 14 Township 25 Range 29 and was completed on September 29, 1983. Top of perforations is at 5,215 feet.

It is recommended that a new GAS pool be created and designated as the DUBLIN-FUSSELMAN GAS Pool.

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

Discovery well was Petroleum Development Corporation of Delaware Tenneco Fed #1 located in Unit N Section 12 Township 26 Range 37 and was completed on July 26, 1983. Top of perforations is at 9,650 feet.

NEW POOLS

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

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

Discovery well was Amoco Production Co. Wingerd #2 located in Unit H Section 24 Township 12 Range 37 and was completed on June 19, 1983. Top of perforations is at 11,142 feet.

It is recommended that a new GAS pool be created and designated as the RED BLUFF-DELAWARE POOL Pool.

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

Discovery well was Wayne Moore Delaware River Unit #1 located in Unit G Section 10 Township 26 Range 28 and was completed on July 18, 1983. Top of perforations is at 3,028 feet.

It is recommended that a new GAS pool be created and designated as the RED LAKE RIDGE-ATOKA GAS Pool.

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

Discovery well was Stevens Operating Co. Red Lake Ridge #1 located in Unit C Section 21 Township 8 Range 29 and was completed on October 12, 1983. Top of perforations is at 7,712 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the SOUTH SAND DUNES-BONE SPRING Pool.

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

Discovery well was Superior Oil Company Tresnor Federal #1 located in Unit K Section 30 Township 23 Range 32 and was completed on July 30, 1982. Top of perforations is at 11,087 feet.

It is recommended that a new GAS pool be created and designated as the Springs-Strawn Gas Pool.

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

Discovery well was Jake L. Hamon Federal 33 #1 located in Unit I Section 33 Township 20 Range 26 and was completed on September 15, 1983. Top of perforations is at 9,326 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 Eddy POOL East Avalon - Delaware Pool

TOWNSHIP 21S RANGE 27E NMPM

A 6x6 grid with numbers 1-36. The numbers are arranged in a boustrophedon pattern: Row 1 (top) contains 6, 5, 4, 3, 2, 1; Row 2 contains 7, 8, 9, 10, 11, 12; Row 3 contains 18, 17, 16, 15, 14, 13; Row 4 contains 19, 20, 21, 22, 23, 24; Row 5 contains 30, 29, 28, 27, 26, 25; Row 6 (bottom) contains 31, 32, 33, 34, 35, 36. A blue square is located in the top right corner, covering the cells for numbers 1 and 2.

Purpose: One completed oil well, capable of producing.

Disc. well: Exxon Corp., Burton Flat B Fed. #1-E-1-21-27

Comp. 9-25-83 thur Delaware perfs. TOP: 5480

Pool boundary outlined in blue.

Section 1: Lots 3, 4, 5, 6

COUNTY Eddy

POOL West Corral Canyon - Delaware

TOWNSHIP	25S	RANGE	29E	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. Further to assign a discovery allowable of 26,075 barrels of oil to said well.

Disc. well: Mobil Prod. TX & NM, Corral Draw Ut. #1-K-14-25-29

Comp. 9-29-83 thru Delaware perms. TOP: 5215

Pool boundary outlined in blue.

Sec. 14: SW/4

COUNTY	LEA	POOL	DUBLIN-FUSSELMAN GAS		
TOWNSHIP	26 South	RANGE	37 East	NMFM	
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.

Discovery well: The Petroleum Development Corp. of Delaware Tenneco Fed #1-N 12-26-37 completed July 26, 1983, in the Fusselman formation. Top perf 9650 feet.

Proposed pool boundary outlined in red. Section 12: S/2

COUNTY LEA

POOL SOUTHWEST GLADIOLA-MISSISSIPPIAN

TOWNSHIP 12 South

RANGE 37 East

NMIM

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 Company Wingerd #2-H in Sec 24, T12S, R37E, completed 6/19/83 in the Mississippian formation. Top perf 11,142 feet.

Proposed pool boundary outlined in red. Section 24: NE/4

CASE NO. 8033 (e) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL

Red Bluff - Delaware Gas

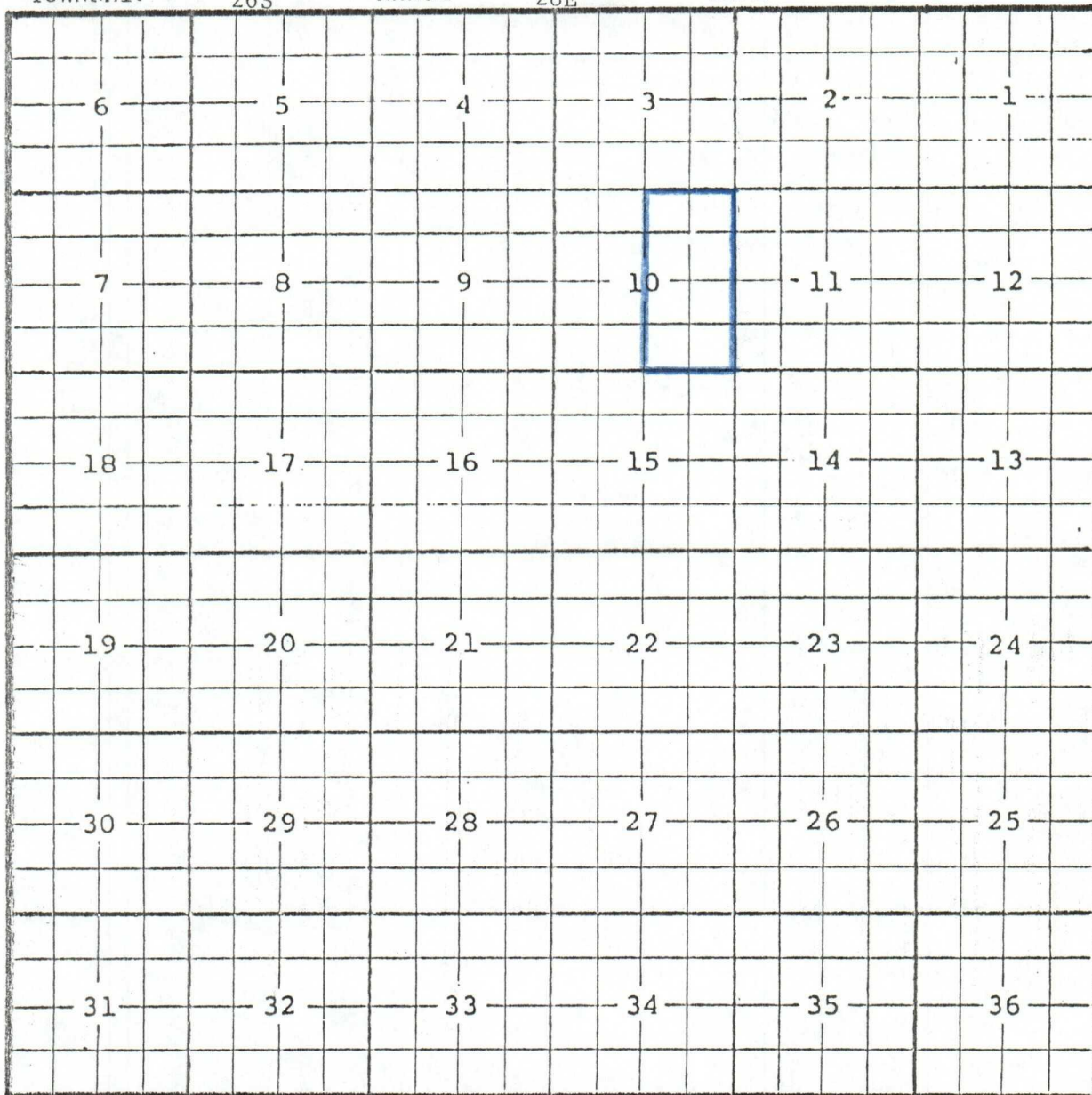
TOWNSHIP

26S

RANGE

28E

NMPM



Purpose: One completed gas well, capable of producing.

Disc. well: Wayne Moore, Delaware River Unit #1-G-10-26-28

Comp. 7-18-83 thru Delaware perms. TOP: 3028

Pool boundary outlined in blue.

Sec. 10: E/2

COUNTY Chaves

POOL Red Lake Ridge - Atoka Gas

TOWNSHIP

8S

RANGE

29E

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.

Disc. well: Stevens Operating Co., Red Lake Ridge #1-C-21-8-29

Comp. 10-12-83 thru Atoka perms. TOP: 7712

Pool boundary outlined in blue.

Sec. 21: N/2

COUNTY LEA

POOL SOUTH SAND DUNES-BONE SPRING

TOWNSHIP 23 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.

Discovery well: The Superior Oil Company Tresnor Federal #1-K in Sec 30, T23S, R32E, completed July 30, 1982, in the Bone Spring formation.
Top perf 11,087 feet.

Proposed pool boundary outlined in red. Section 30: SW/4

CASE NO. 8033 (h) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Springs - Strawn Gas

TOWNSHIP	20S	RANGE	26E	NMFM	
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.

Disc. well: Jake L. Hamon, Fed. 33 #1-I-33-20-26

Comp. 9-15-83 thru Strawn perms. TOP: 9326

Pool boundary outlined in blue.

Sec. 33: E/2

COUNTY		LEA		POOL		HOUSE-BLINEBRY GAS to HOUSE-BLINEBRY OIL	
TOWNSHIP		20 South		RANGE		38 East	
						NMIM	
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: Due to the reclassification of the only well in this pool from gas to oil.
 Zia Energy Inc. L.D. Jones #1-H in Sec 1, T20S, R38E.

Pool boundary outlined in red. Section 1: NE/4

CASE NO. 8033 (j) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY Eddy POOL Burton Flat - Delaware

TOWNSHIP 20S RANGE 28E NM1M

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: Abolishment of said pool and the acreage included therein.

Pool boundary hachured and outlined in red.

Sec. 19: SW/4

CASE NO. 8033 (k) EXTENSION OF AN EXISTING OIL POOL

COUNTY	Eddy	POOL	Avalon - Delaware
TOWNSHIP	20S	RANGE	28E 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, and to include all acreage of the previously abolished Burton Flat - Delaware Pool.

Operator	Lease	#&Ut. S. T. R.	Comp.	Form.	TOP
Yates Pet. Corp.	Stonewall EP St.	3-N 19-20-28	10-17-77	Delaware	4369

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 19: SW/4

Sec. 30: W/2

COUNTY Eddy

POOL Big Sinks - Delaware

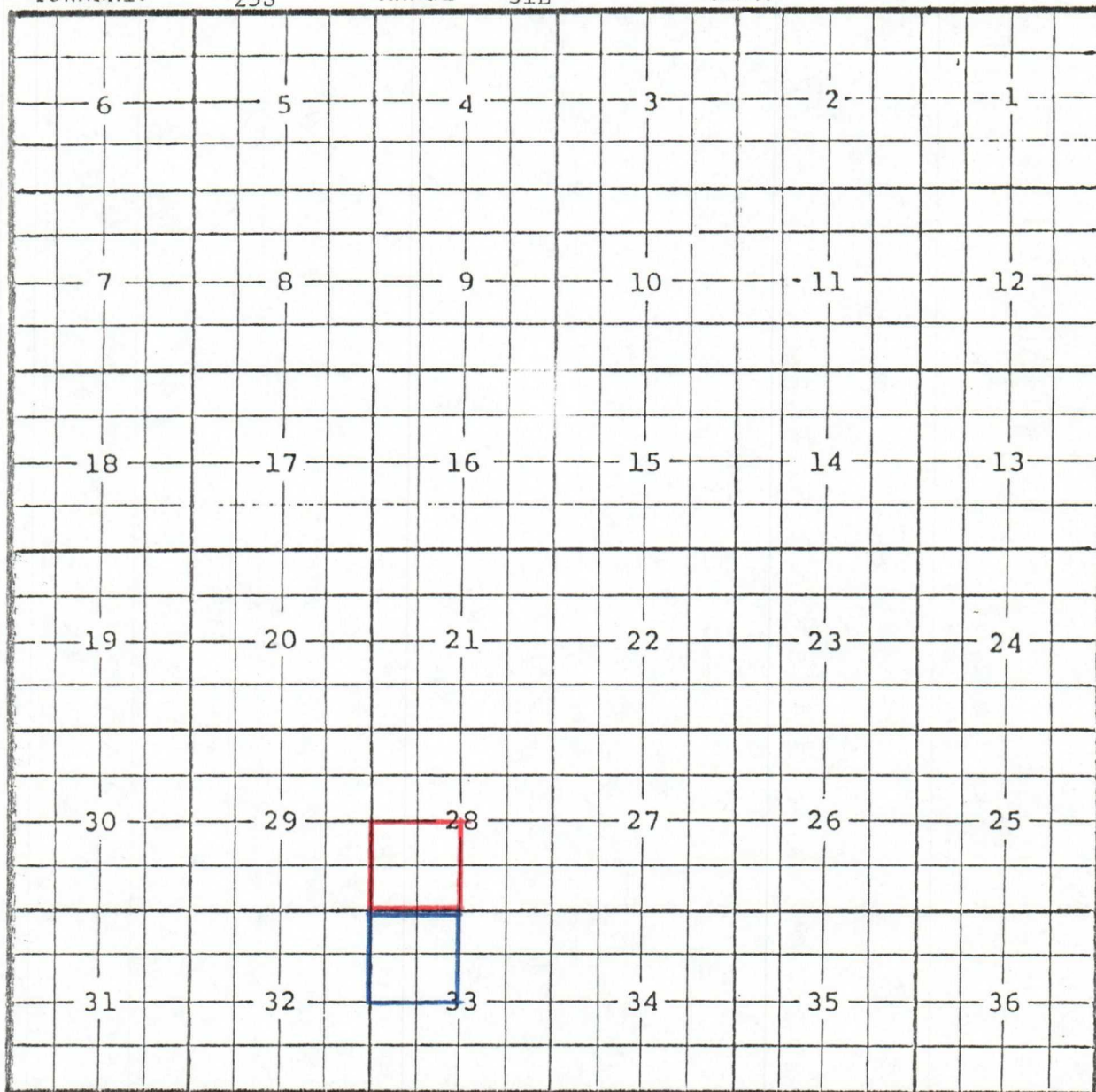
TOWNSHIP

25S

RANGE

31E

NMPM



Purpose: One completed oil well, capable of producing.

Operator

Lease

#&Ut. S. T. R. Comp.

Form.

TOP

Perry R. Bass

Poker Lake Ut.

60-F

33-25-31

8-27-83

Delaware

6043

Pool boundary outlined in red.

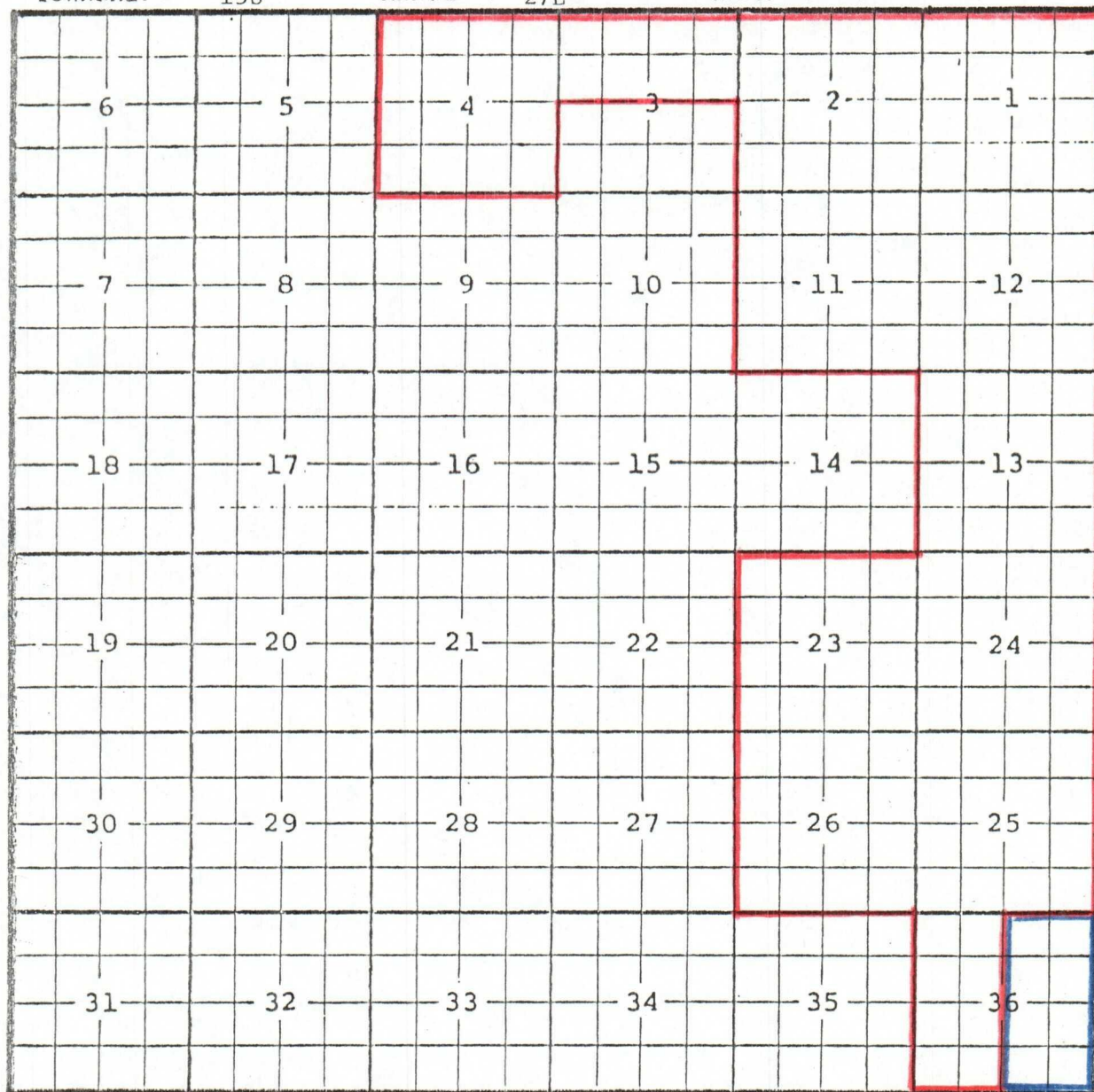
Proposed extension outlined in blue.

Sec. 33: NW/4

CASE NO. 8033 (m) EXTENSION OF AN EXISTING GAS POOL

COUNTY Chaves POOL Buffalo Valley - Penn Gas

TOWNSHIP 15S RANGE 27E NMPM



Purpose: One completed gas well, capable of producing.

Operator	Lease	#&Ut. S. T. R. Comp.	Form.	TOP
Amoco Prod. Co.	St. ET Gas Com	1-J 36-15-27	10-3-83	Morrow 8996

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 36: E/2

COUNTY Eddy

POOL Burton Flat - Morrow Gas

TOWNSHIP

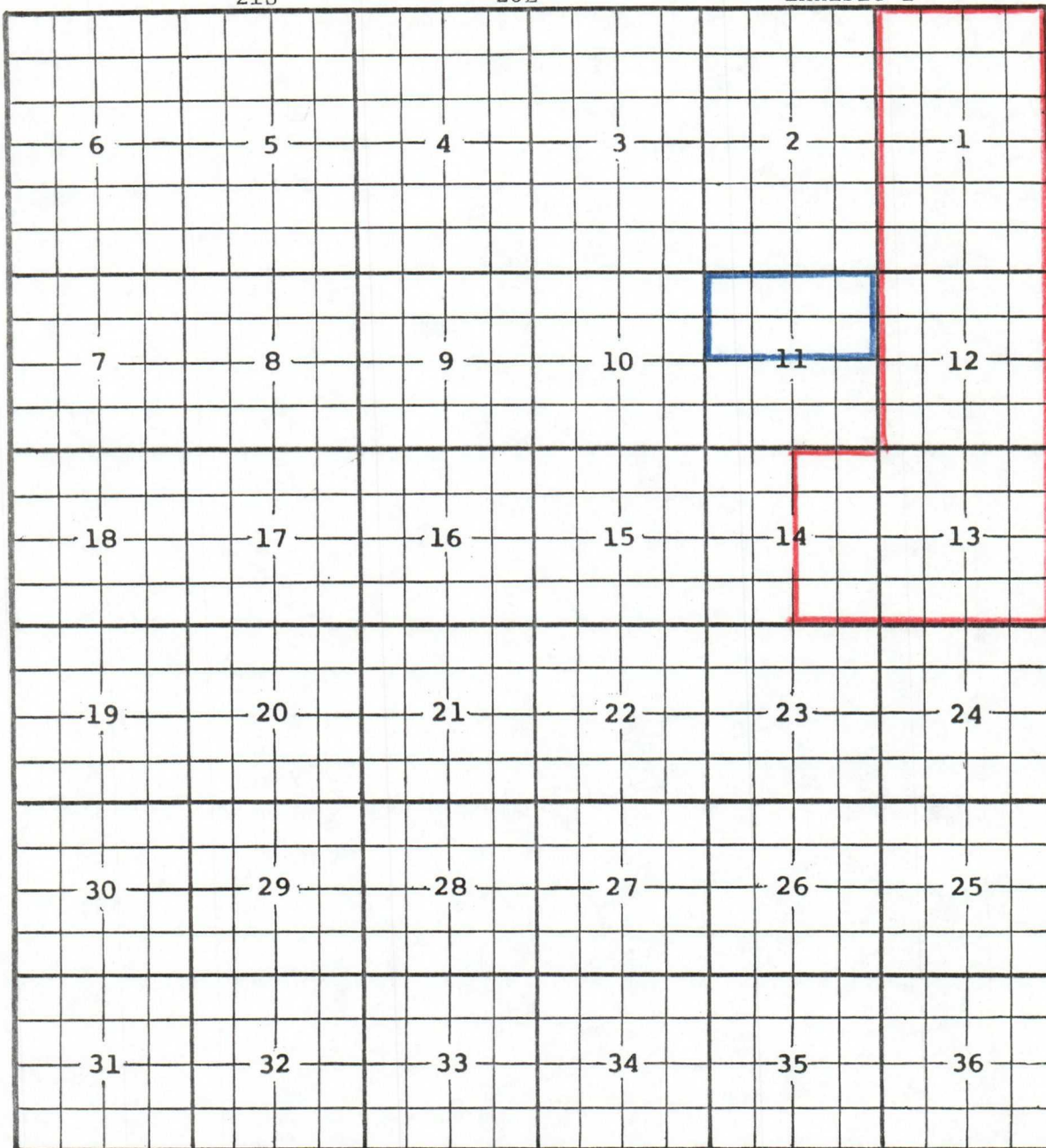
21S

RANGE

26E

NMPM

Exhibit I



Purpose: Two completed gas wells, capable of producing.

Operator	Lease	#&Ut.	S. T. R.	Comp.	Form.	TOP
Yates Pet. Corp.	Lake Shore XH Fed. Com	1-F	11-21-26	9-23-83	Mor.	10967
Exxon Corp.	Burton Flat Dp. Fed.Com	1-E	1-21-27	8-27-82	Mor.	11479

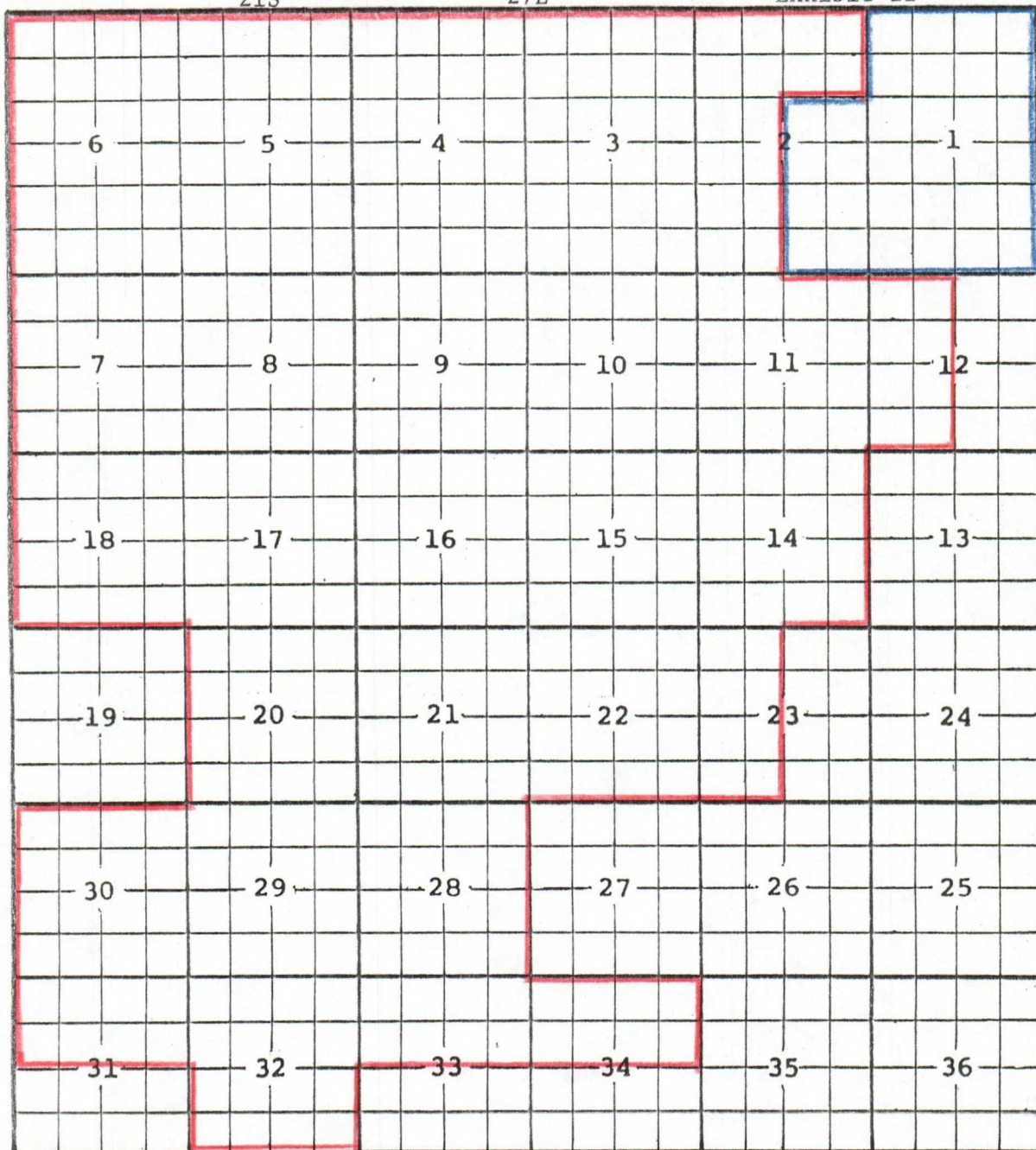
Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 11: N/2

COUNTY Eddy POOL Burton Flat - Morrow Gas

TOWNSHIP 21S RANGE 27E NMPM Exhibit II



Purpose: See Exhibit I

Operator Lease #&Ut. S. T. R. Comp. Form. TOP

See Exhibit I

Pool boundary outlined in red.

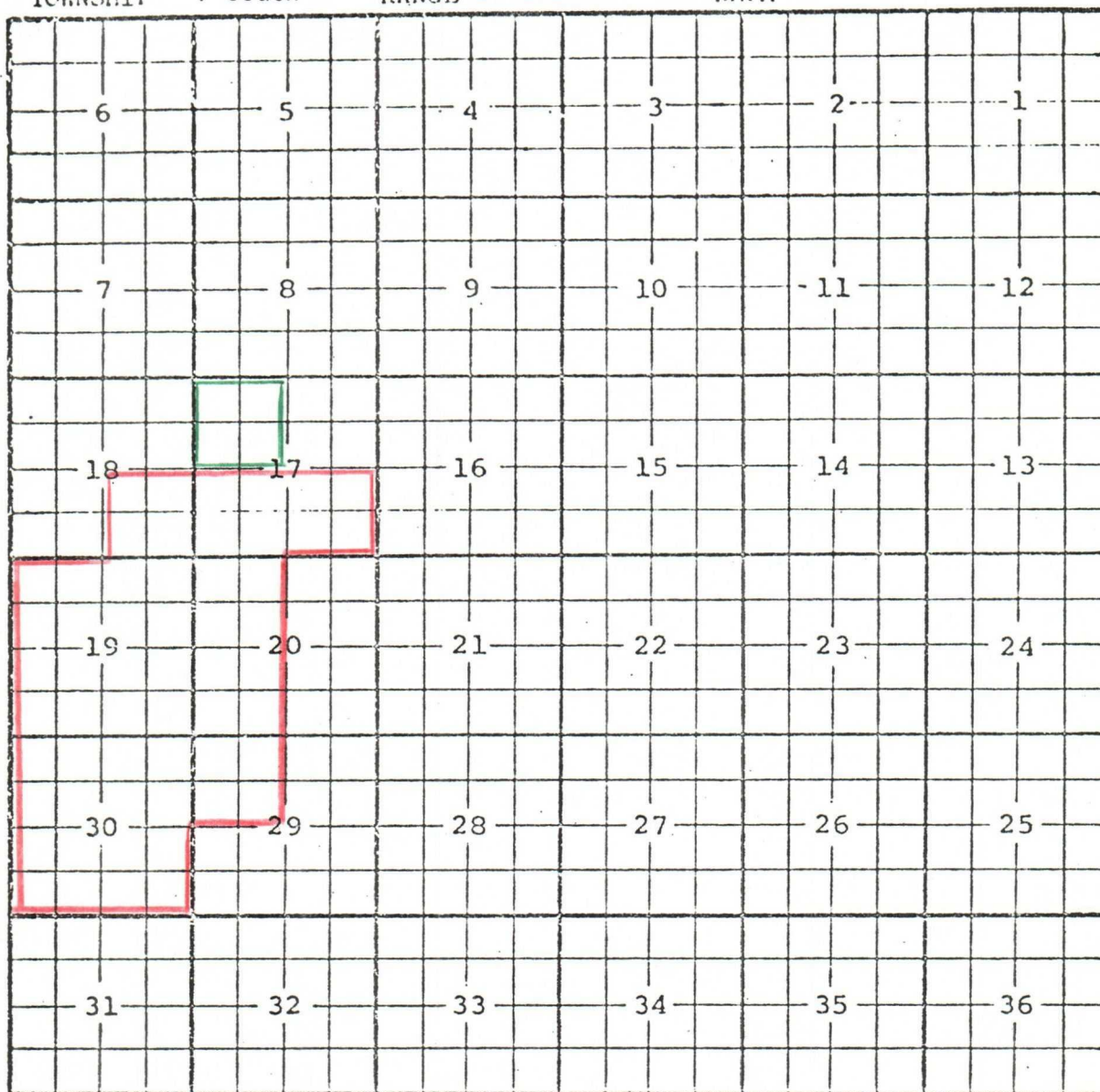
Proposed extension outlined in blue.

Sec. 1: All

Sec. 2: Lots 9, 10, 15 & 16, & SE/4

COUNTY ROOSEVELT POOL CHAVEROO-SAN ANDRES

TOWNSHIP 7 South RANGE 34 East NMIM



PURPOSE: One completed oil well capable of producing.

Discovery well: NRM Petroleum Corp. Sieber #1-F in Sec 17, T7S, R34E, completed
October 10, 1983, in the San Andres formation. Top perf 4189 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 17: NW/4

CASE NO. 8033 (p) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL Dublin Ranch - Atoka Gas

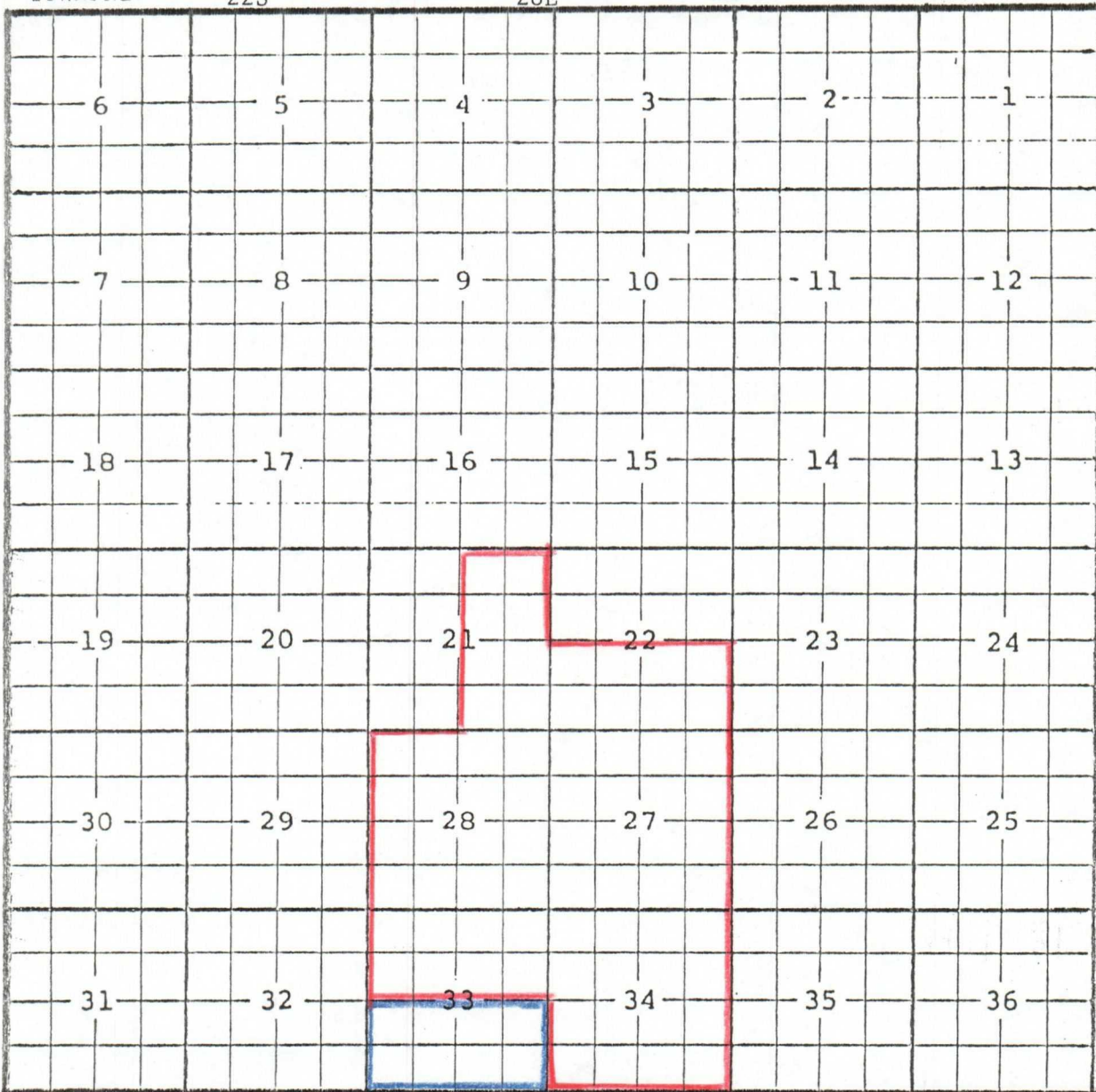
TOWNSHIP

22S

RANGE

28E

NMPM



Purpose: One completed gas well, capable of producing.

Operator	Lease	#&Ut. S. T. R. Comp.	Form.	TOP
Jake L. Hamon	Schalk Fed.Com 33	1-0 33-22-28 8-22-83	Atoka	11482

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 33: S/2

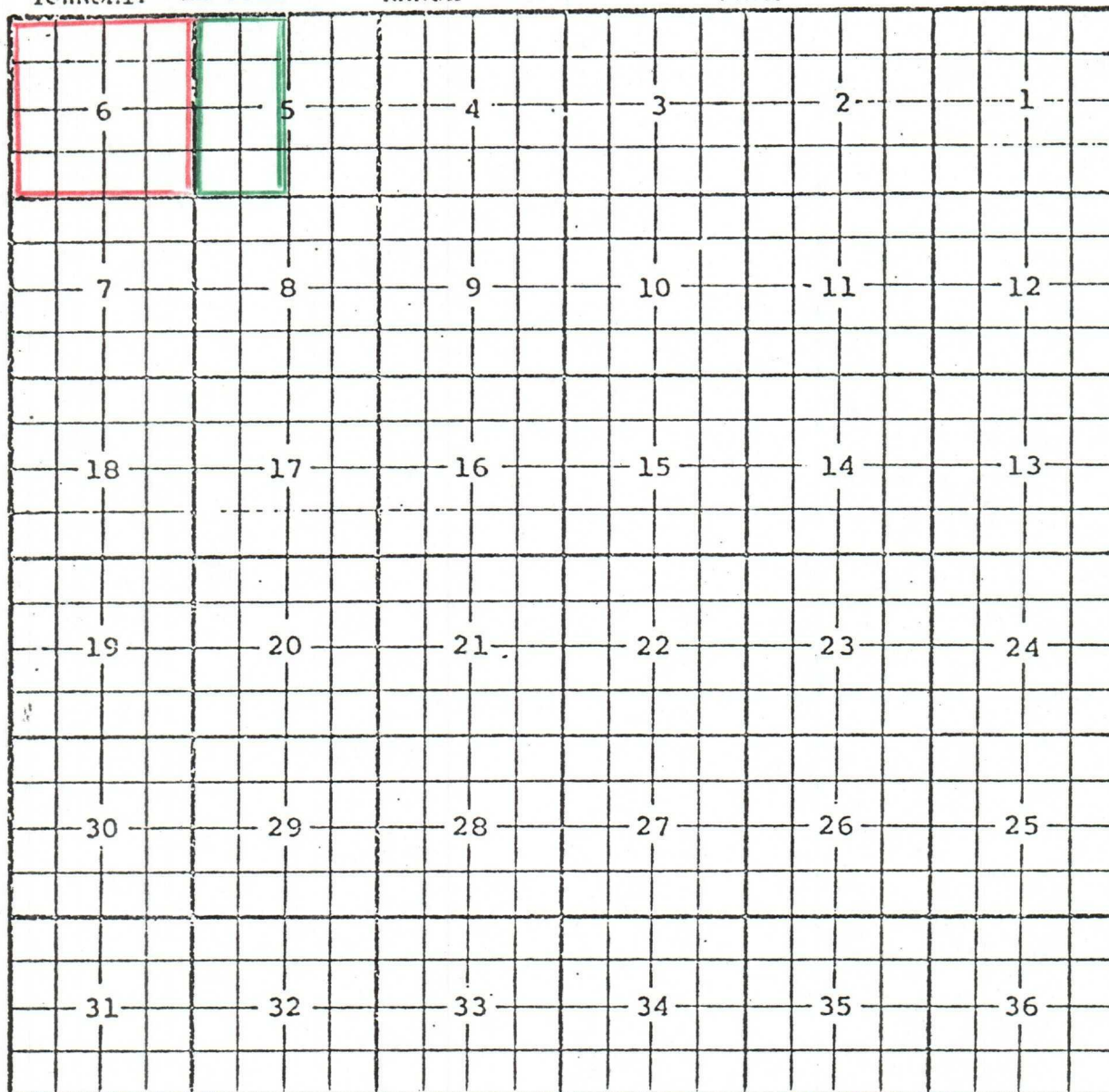
COUNTY LEA

POOL EAST GRAMA RIDGE-MORROW GAS

TOWNSHIP 22 South

RANGE 35 East

NMIM



PURPOSE: One completed gas well capable of producing.

HNG Oil Company San Simon 5 State #1-E in Sec 5, T22S,R35E, completed 10/25/83, in the Morrow formation. Top perf 12,790 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 5: W/2

CASE NO. 8033 (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY Chaves

POOL South Haystack - San Andres

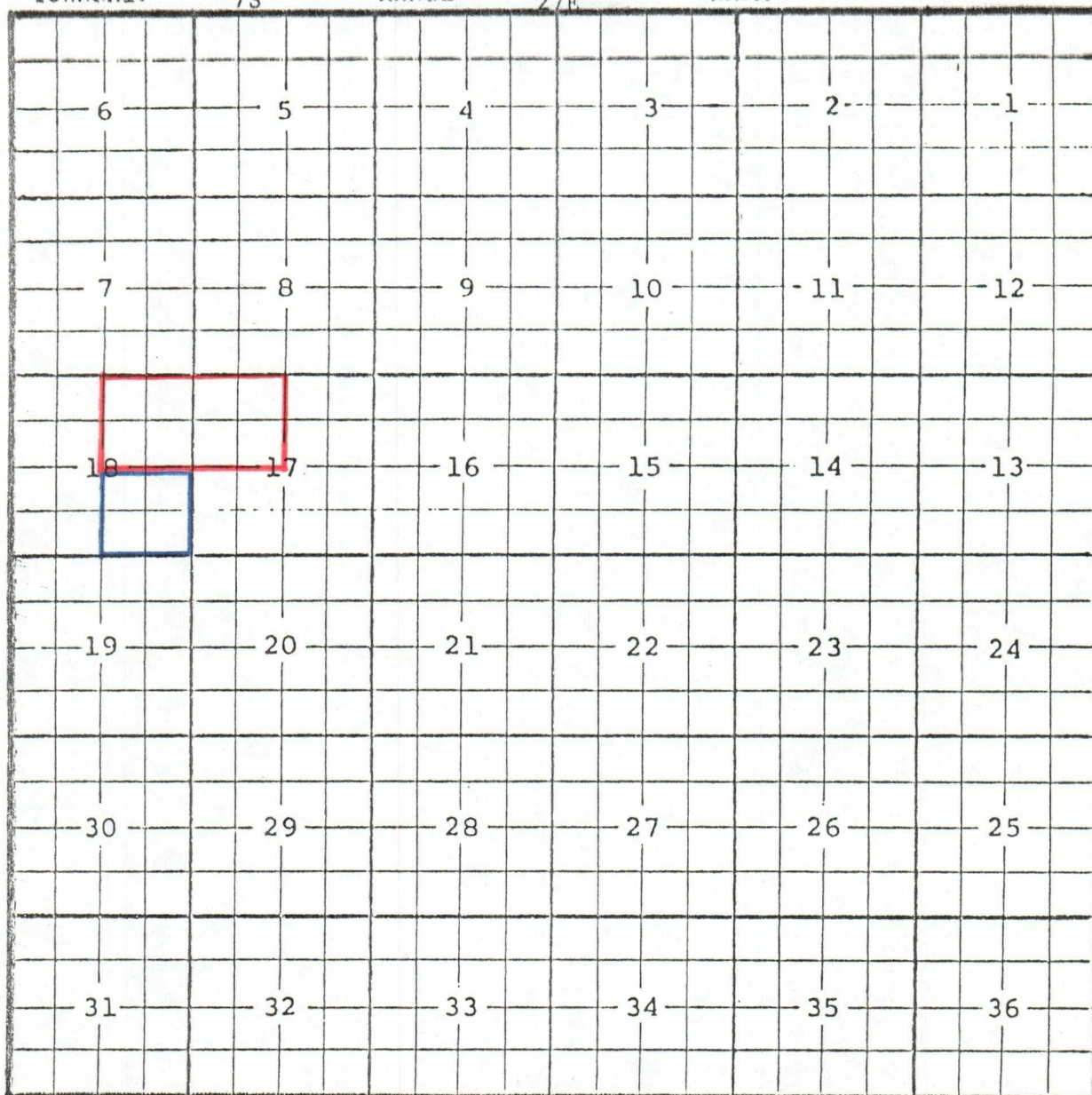
TOWNSHIP

7S

RANGE

27E

NMIM

Purpose: One completed oil well, capable of producing.

Operator	Lease	#&Ut. S. T. R.	Comp.	Form.	TOP
Stevens Oper. Co.	Sorenson	2-I 18-7-27	8-30-83	San Andres	1787.5

Pool boundary outlined in red.Proposed extention outlined in blue.Sec. 18: SE/4

COUNTY Eddy

POOL Los Medanos - Atoka Gas Pool

TOWNSHIP

22S

RANGE

31E

NMIM Exhibit I

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: To extend the horizontal limits of said pool to take in the
bottom hole locations of several deviated wells in the pool.

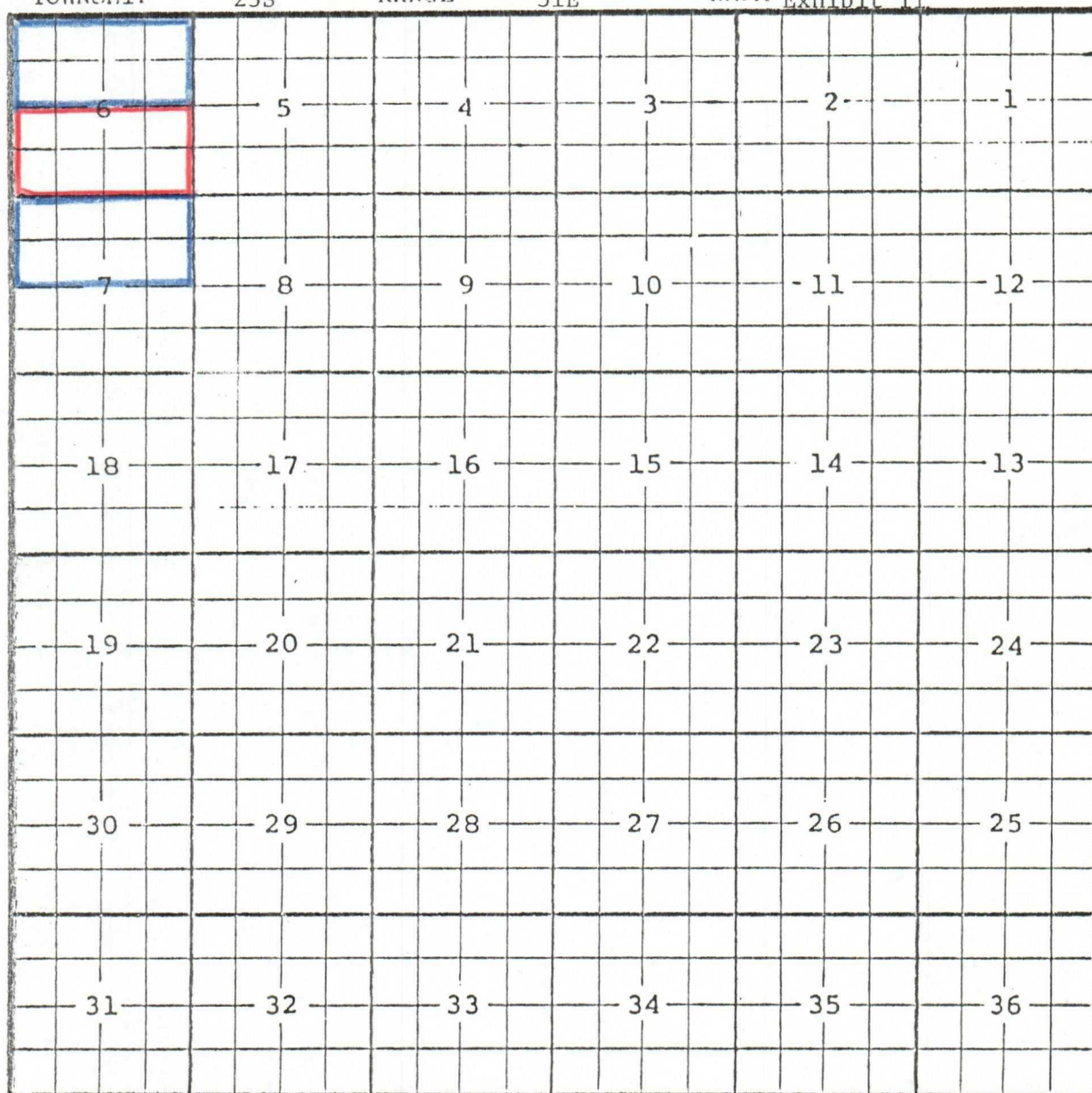
Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 31: S/2

COUNTY Eddy POOL Los Medanos - Atoka Gas

TOWNSHIP 23S RANGE 31E NMFM Exhibit II



Purpose: See Exhibit I

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 6: N/2

Sec. 7: N/2

COUNTY LEA

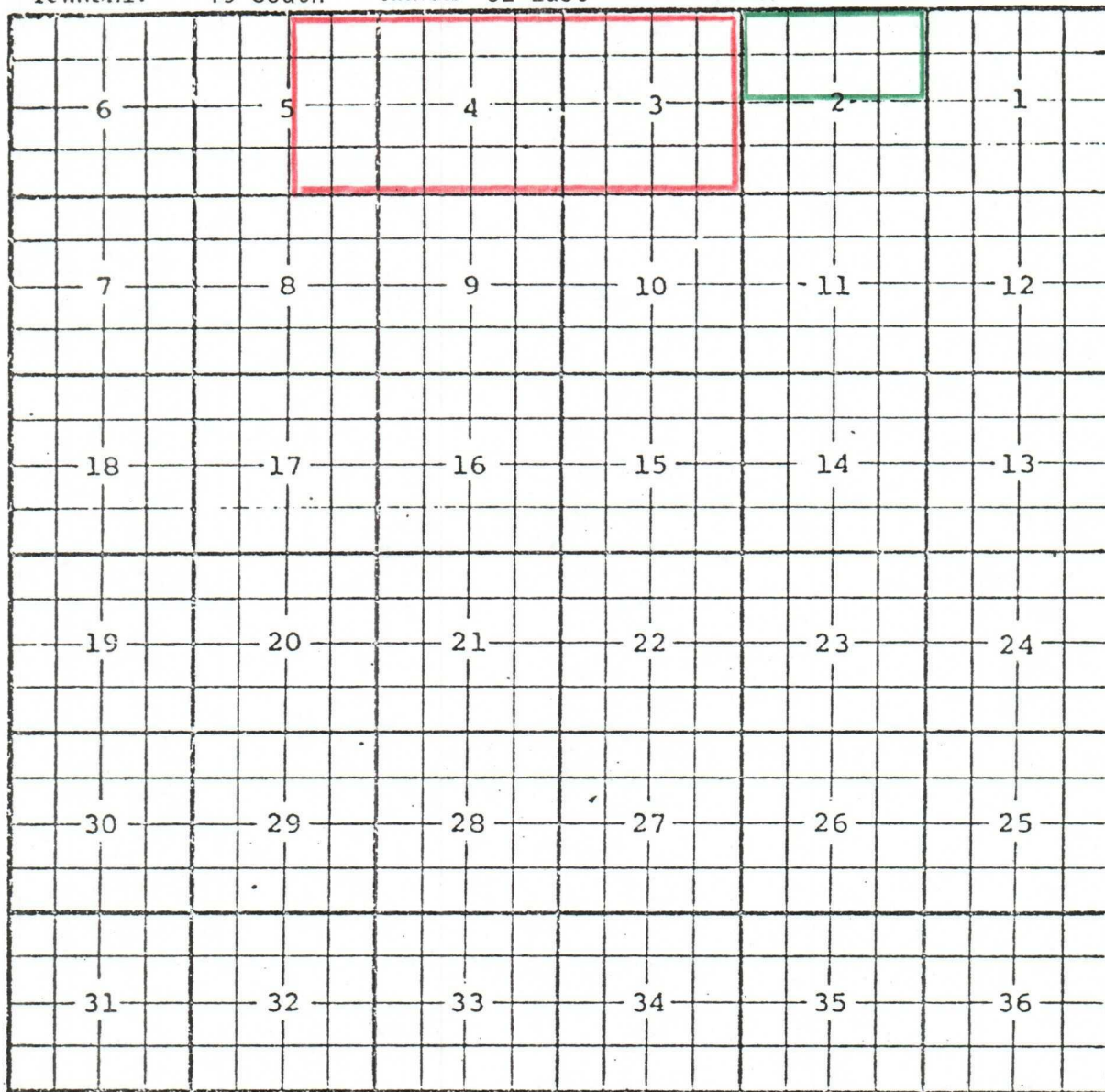
POOL NORTH LUSK-MORROW GAS

TOWNSHIP

19 South

RANGE 32 East

NMFM



PURPOSE: One completed gas well capable of producing.

Phillips Petroleum Co. State GAO #1-E in Sec 2, T19S, R32E, completed 3/23/83 in the Morrow formation. Top perf 13,171 feet.

Pool boundary outlined in red.

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

CASE NO. 8033 (u) EXTENSION OF AN EXISTING GAS POOL

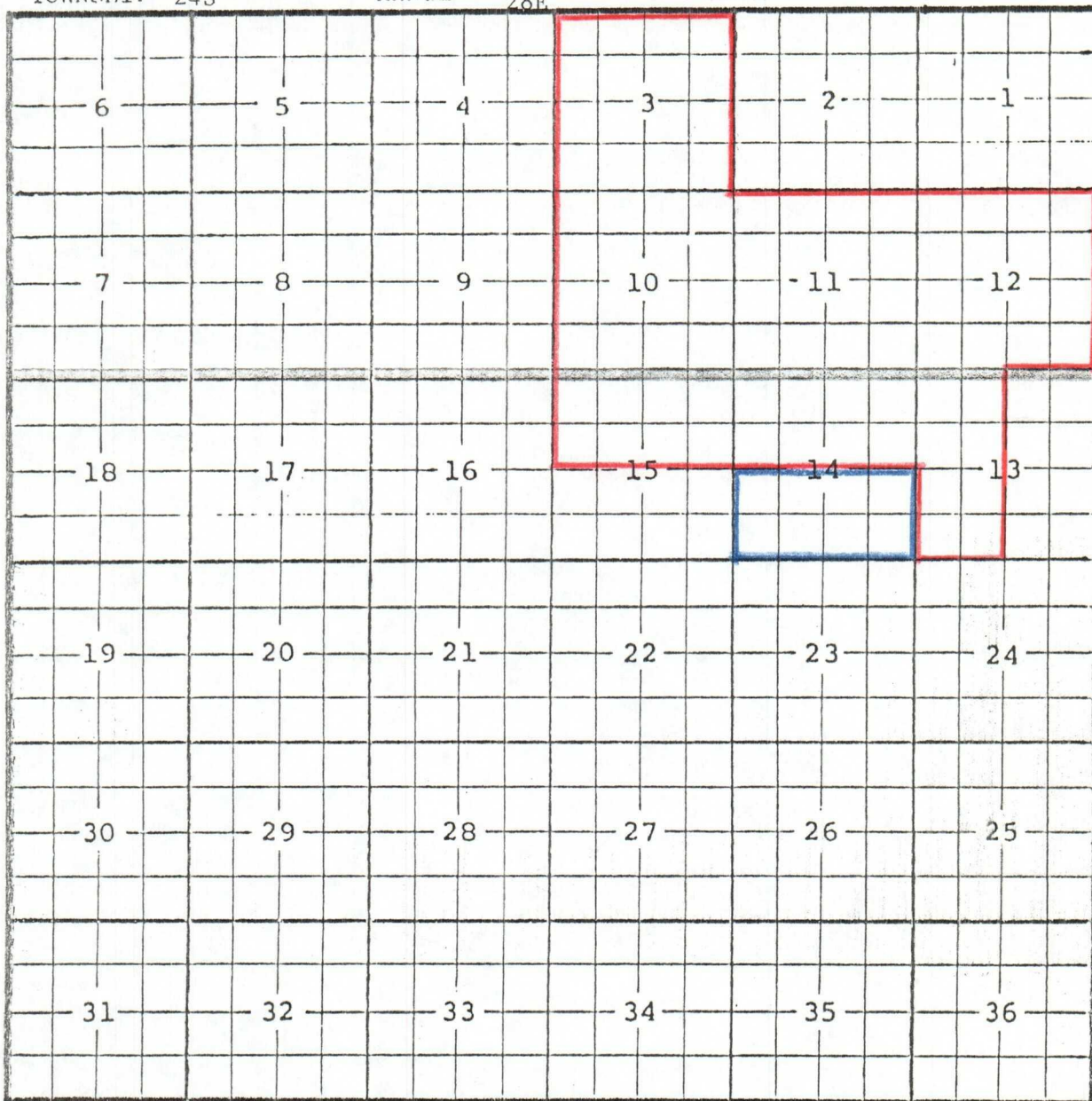
COUNTY Eddy

POOL Malaga - Atoka Gas

TOWNSHIP 24S

RANGE 28E

NMPM



Purpose: One completed gas well, capable of producing.

Operator

Lease

#&Ut. S. T. R. Comp.

Form.

TOP

Pogo Prod. Co.

Lightfoot Com

1-J 14-24-28 10-4-83

Atoka

11515

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 14: S/2

CASE NO. 8033 (v) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL Malaga - Morrow Gas

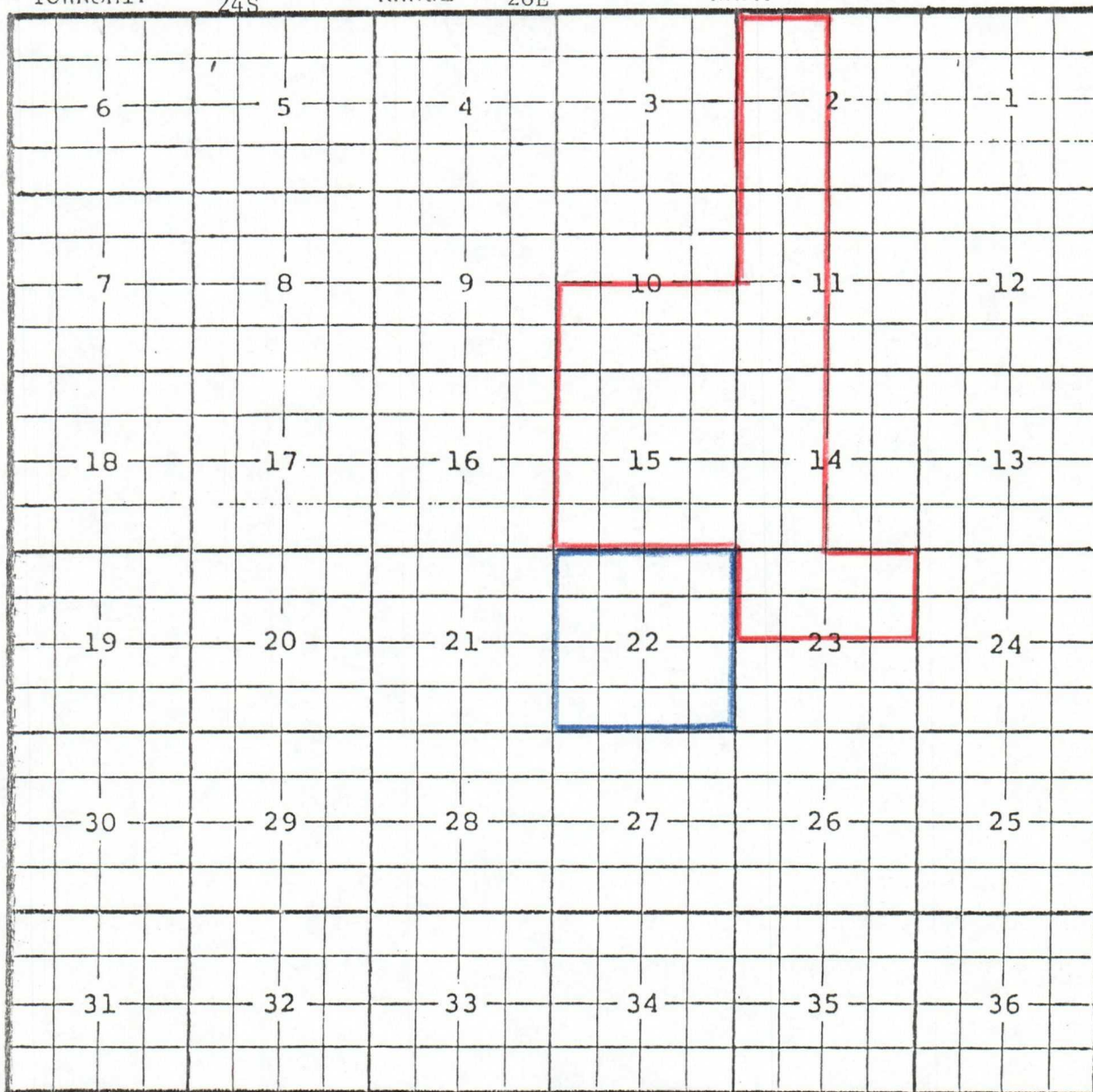
TOWNSHIP

24S

RANGE

28E

NMPM



Purpose: One completed gas well, capable of producing.

Operator

Lease

#&Ut. S. T. R. Comp.

Form.

TOP

Dinero Oper. Co. Aminoil Fed.

1-J 22-24-28 7-25-83

Morrow

11716

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 22: All

CASE NO. 8033 (w) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy

POOL East Millman - Queen Grayburg

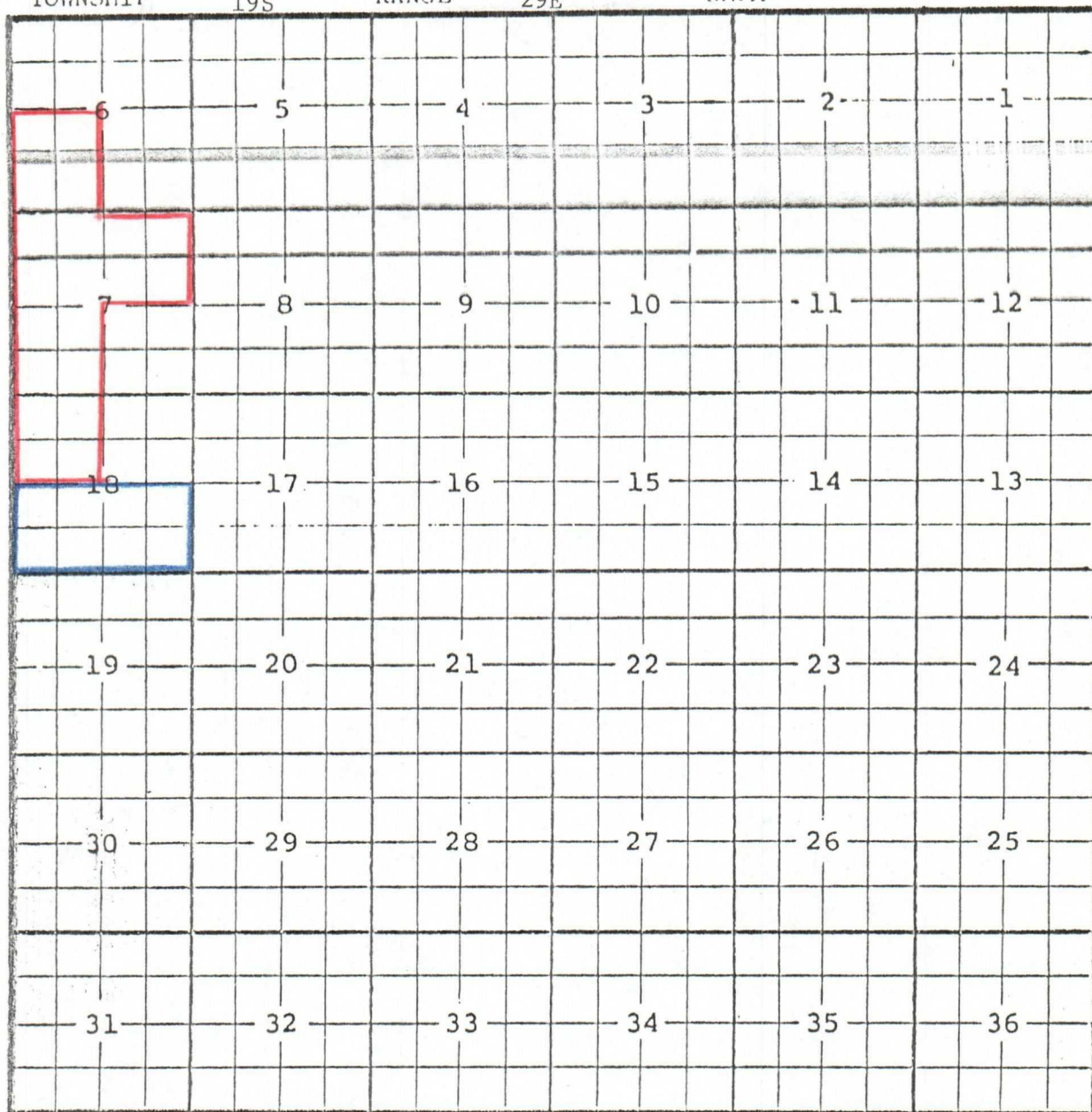
TOWNSHIP

19S

RANGE

29E

NMPM



Purpose: One completed oil well, capable of producing.

Operator	Lease	#&Ut.	S.	T.	R.	Comp.	Form.	TOP
Exxon Corp.	New Mexico DC St.	2-I	18-19-29	4-6-83	Queen	1956		

Pool boundary outlined in red.

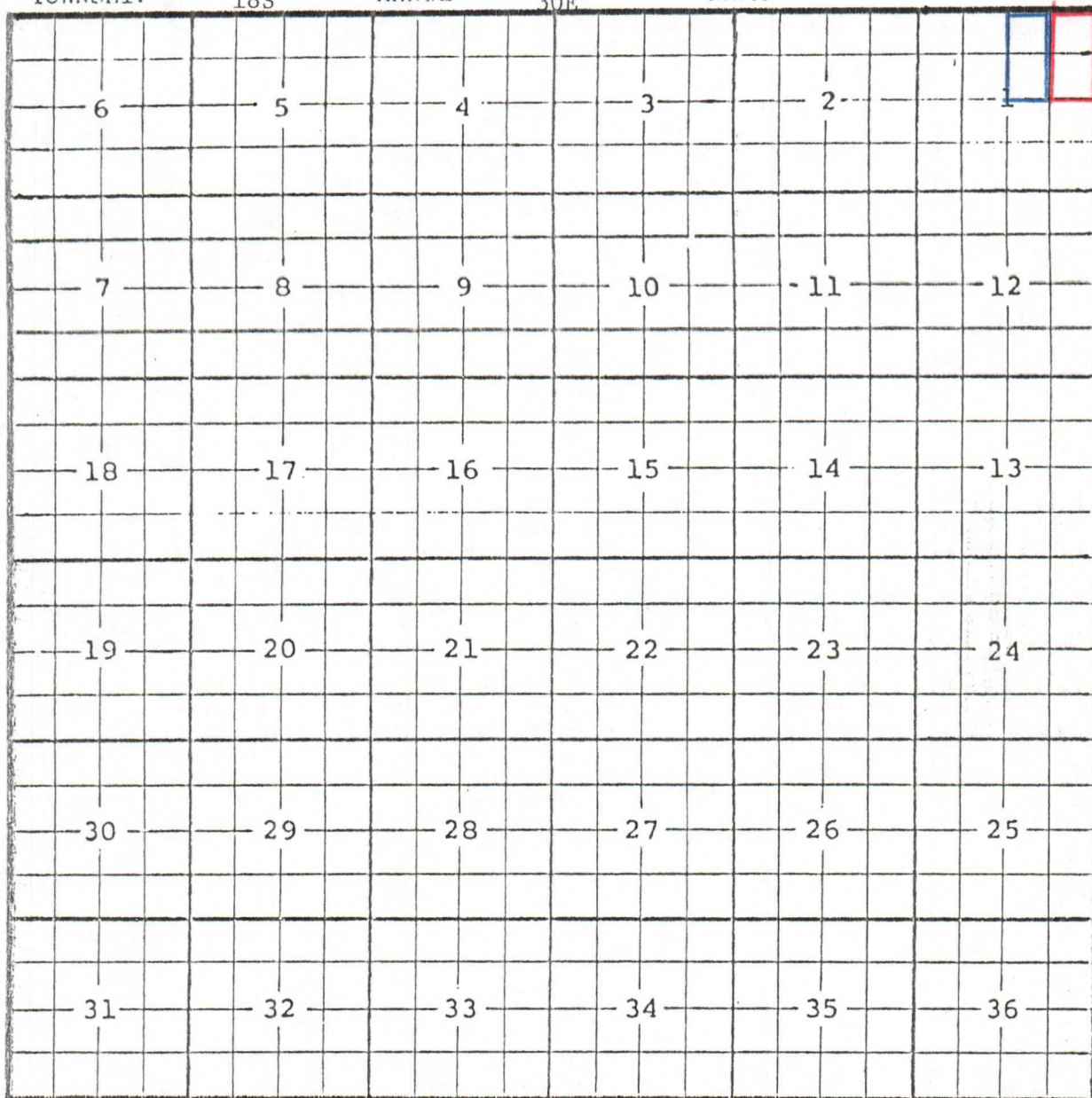
Proposed extension outlined in blue.

Sec. 18: S/2

CASE NO. (x) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Power - Grayburg - San Andres

TOWNSHIP 18S RANGE 30E NMPM



Purpose: One completed oil well, capable of producing.

Operator	Lease	#&Ut. S. T. R.	Comp.	Form.	TOP
Eastland Oil Corp.	Sibyl Fed.	3-G	1-18-30	9-1-83	Grayburg 3304

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 1: W/2 NE/4

COUNTY LEA

POOL

SOUTH SALT LAKE-MORROW GAS

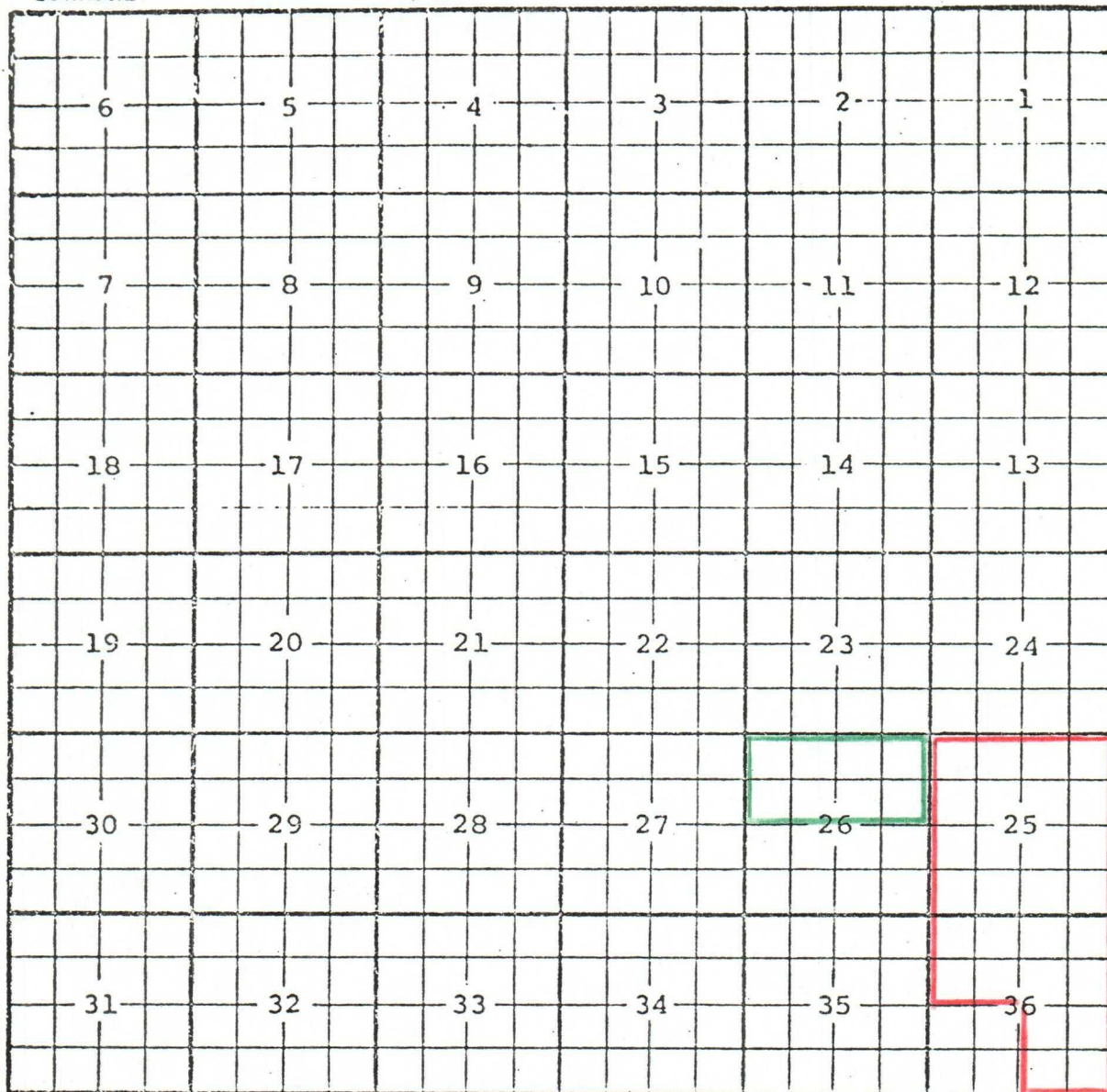
TOWNSHIP

20 South

RANGE

32 East

NMIM



PURPOSE: One completed gas well capable of producing.

Ike Lovelady, Inc. Sam H. Snoddy Fed #1-A in Sec 26, T20S, R32E, completed 9/23/82 in the Morrow formation. Top perf 13,002 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 26: N/2

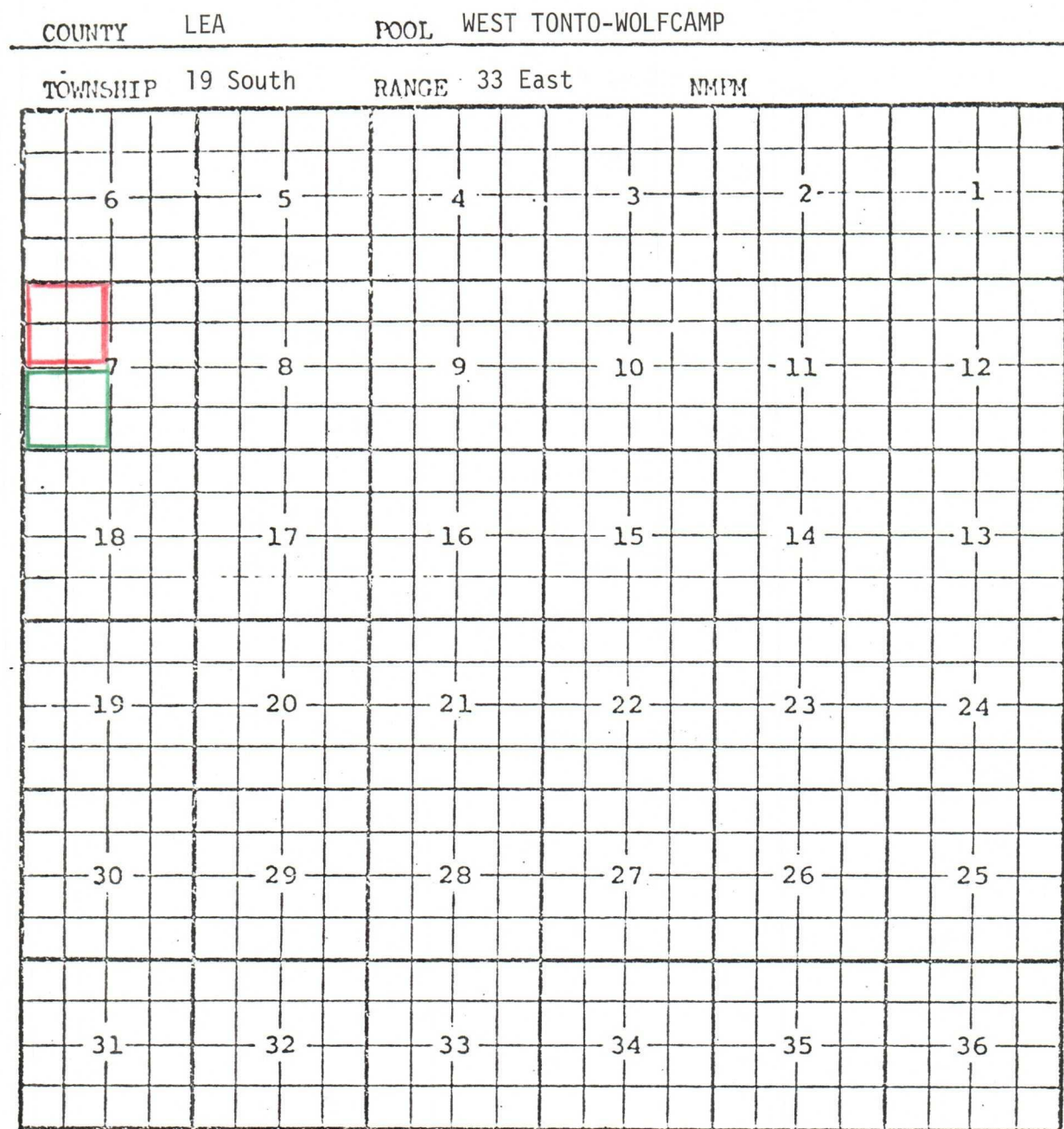
COUNTY		LEA		POOL		WEST TONTO-WOLFCAMP	
TOWNSHIP		19 South		RANGE		32 East	
						NMIM	
6	5	4	3	2	1		
7	8	9	10	11	12		
18	17	16	15	14	13		
19	20	21	22	23	24		
30	29	28	27	26	25		
31	32	33	34	35	36		

PURPOSE: One completed oil well capable of producing _____

Amoco Production Co. Bondurant Fed #5-J in Sec 12, T19S, R32E, completed 10/9/81
in the Wolfcamp formation. Top perf 10,887 feet.

Pool boundary outlined in red.

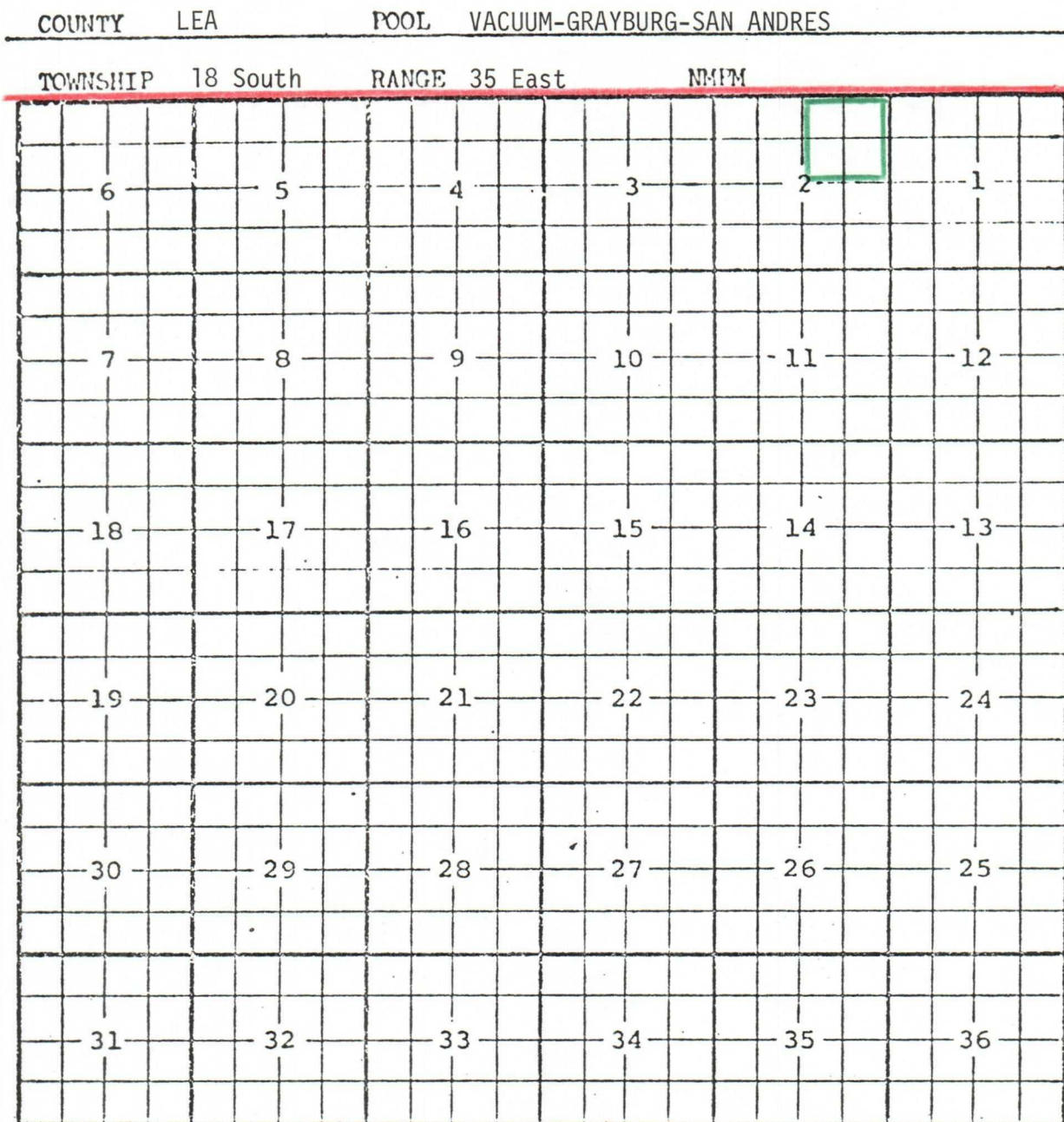
Proposed pool extension outlined in green. SECTION 12: SE/4



Pool boundary outlined in red.

PURPOSE: See Page 1 of this exhibit.

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



PURPOSE: One completed oil well capable of producing.

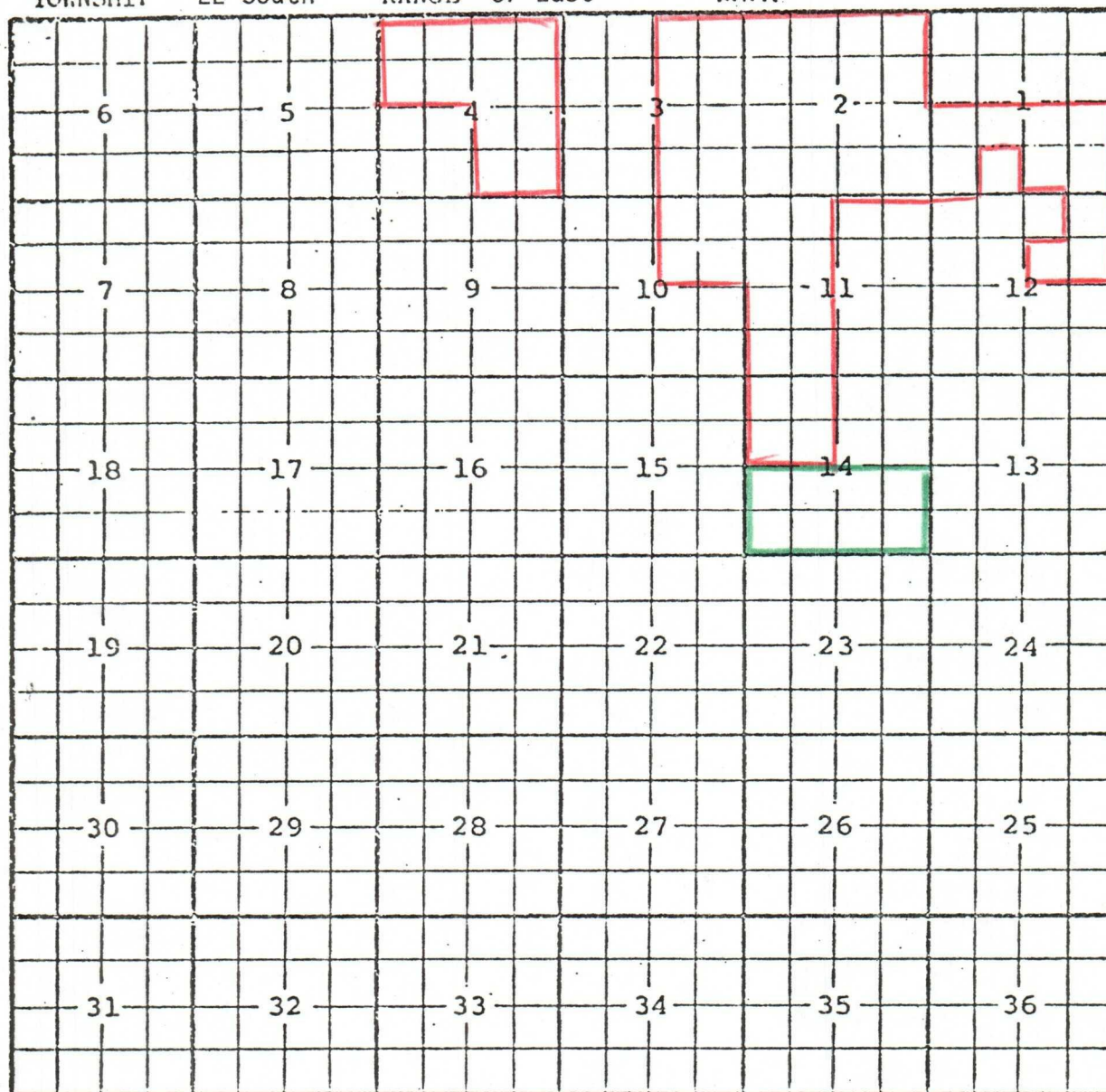
Apollo Energy, Inc. George McGonagill #1-A in Sec 2, T18S, R35E, completed 10/14/83 in the Grayburg formation. Top perf 4,790 feet.

Pool boundary outlined in red.

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

COUNTY LEA POOL WANTZ-ABO

TOWNSHIP 22 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

Samedan Oil Corporation Parks A Well #3-P in Sec 14, T22S, R37E, completed 11/2/83 in the Abo formation. Top perf 6819 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 14: S/2