

NEW POOLS

(a) It is recommended that a new oil pool be created and designated as the East Brushy Draw-Delaware Pool.

Vertical limits to be the Delaware formation and the horizontal limits should be as follows: Sec. 9: SW/4

Discovery well was J.C. Williamson - Ingram Grooms Federal #1 located in Unit M Section 9 Township 26 Range 29 and was completed on 12-7-84. Top of perforations is at 5609 feet.

(b) It is recommended that a new oil pool be created and designated as the West Carlsbad - Delaware Pool.

Vertical limits to be the Delaware formation and the horizontal limits should be as follows: Sec. 9: SW/4

Discovery well was Amoco Prod. Co. - Lancaster Springs Unit #2 located in Unit K Section 9 Township 22 Range 26 and was completed on 8-28-84. Top of perforations is at 4662 feet.

(c) It is recommended that a new oil pool be created and designated as the Dog Canyon - San Andres Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: Sec. 24: SW/4

Discovery well was Harvey E. Yates - Anderson 24 Federal #1 located in Unit N Section 24 Township 16 Range 27 and was completed on 1-5-85. Top of perforations is at 2214 feet.

NEW POOLS

(d) It is recommended that a new gas pool be created and designated as the North Empire - Atoka Gas Pool.

Vertical limits to be the Atoka formation and the horizontal limits should be as follows: Sec. 1: E/2

Discovery well was Amoco Prod. Co. - State MT #1 located in Unit I Section 1 Township 17 Range 28 and was completed on 9-8-83. Top of perforations is at 10,277 feet.

(e) It is recommended that a new gas pool be created and designated as the Happy Valley - Atoka Gas Pool.

Vertical limits to be the Atoka formation and the horizontal limits should be as follows: Sec. 4: All

Discovery well was TXO Corp. - Federal E #1 located in Unit F Section 4 Township 22 Range 26 and was completed on 1-10-85. Top of perforations is at 10,334 feet.

(f) It is recommended that a new oil pool be created and designated as the Loco Hills - Bone Spring Pool.

Vertical limits to be the Bone Spring formation and the horizontal limits should be as follows: Sec. 9: NW/4

Discovery well was HEYCO - Loco Hills Welch #1 located in Unit D Section 9 Township 18 Range 29 and was completed on 9-30-78. Top of perforations is at 7294 feet.

NEW POOLS

(g) It is recommended that a new gas pool be created and designated as the McKittrick Hills - Morrow Gas Pool.

Vertical limits to be the Morrow formation and the horizontal limits should be as follows: Sec. 11: N/2

Discovery well was Florida Expl. Co. - Chama Federal #1 located in Unit B Section 11 Township 22 Range 24 and was completed on 12-27-84. Top of perforations is at 10,282 feet.

(h) It is recommended that a new oil pool be created and designated as the Penasco Draw - Upper Pennsylvanian Pool.

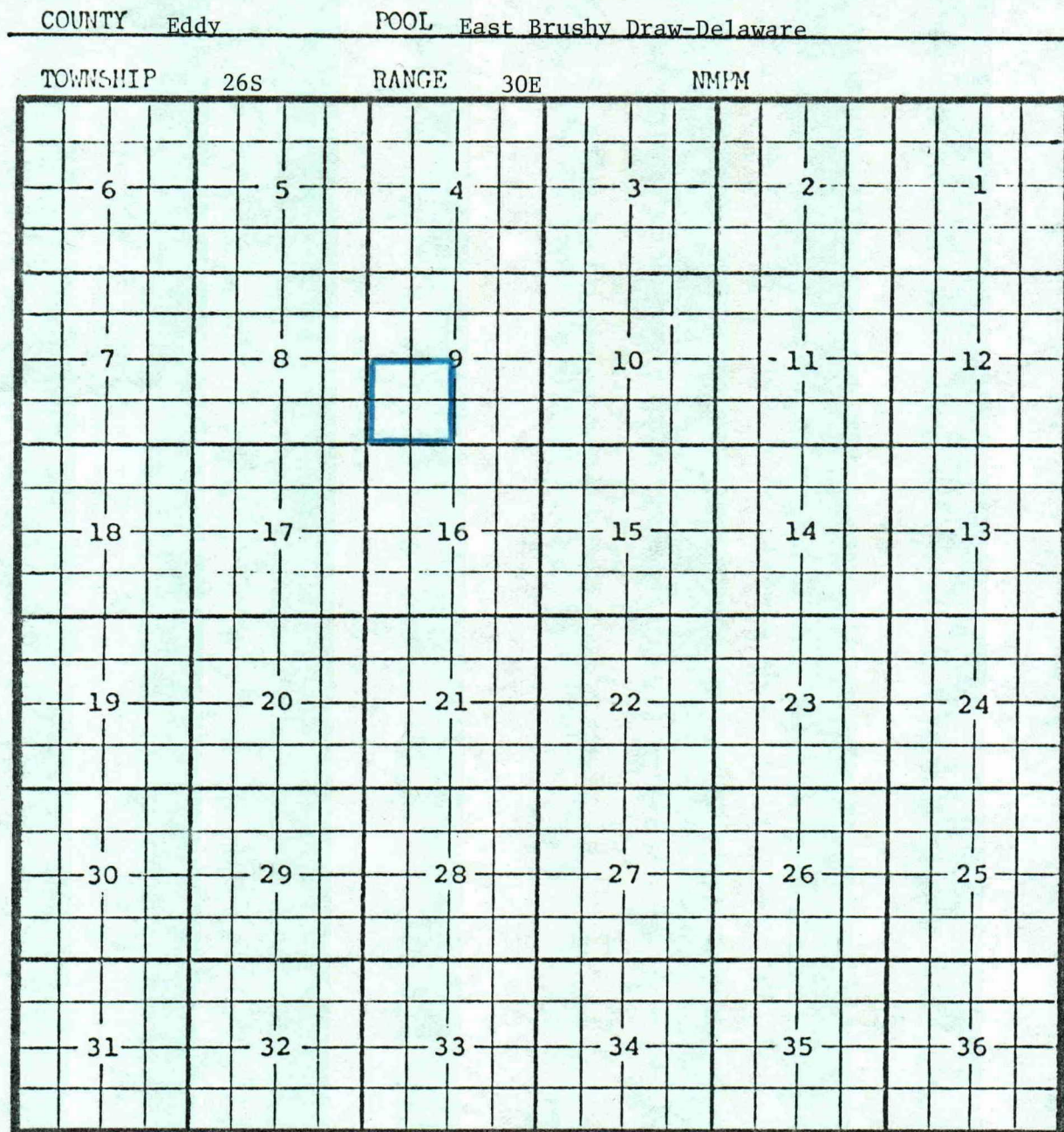
Vertical limits to be the Cisco & Canyon formation and the horizontal limits should be as follows: Sec. 4: SE/4

Discovery well was Anadarko Prod. Co. - Matlock #1 located in Unit J Section 4 Township 19 Range 25 and was completed on 12-22-84. Top of perforations is at 7776 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.



Purpose: One completed oil well capable of producing.

Disc. Well: J. C. Williamson Ingram Grooms Federal #1-M-9-26-30

Comp. 12-7-84 thur Delaware Perfs. TOP 5609'

Pool boundary outlined in blue.

Sec. 9: SW/4

Case No. 8559 (B) Creation of a new oil pool.

COUNTY Eddy POOL West Carlsbad-Delaware

TOWNSHIP 22S RANGE 26E NM 11M

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.

Disc. Well: Amoco Prod. Co. Lancaster Springs Ut. #2-K-9-22-26

Comp: 8-28-84 thru Delaware perms. Top: 4662'.

Pool boundary outlined in blue.

Sec. 9: SW/4

(C) Creation of a new oil pool.

COUNTY Eddy

POOL Dog Canyon-San Andres

TOWNSHIP 16S

RANGE 27E

NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern: Row 1 (left to right): 6, 5, 4, 3, 2, 1; Row 2 (left to right): 7, 8, 9, 10, 11, 12; Row 3 (left to right): 18, 17, 16, 15, 14, 13; Row 4 (left to right): 19, 20, 21, 22, 23, 24; Row 5 (left to right): 30, 29, 28, 27, 26, 25; Row 6 (left to right): 31, 32, 33, 34, 35, 36. A blue square is drawn around the number 24, which is located at the intersection of the 4th row and the 6th column.

Purpose: One completed oil well capable of producing.

Disc. Well: Harvey E. Yates Anderson 24 Federal #1-N-24-16-27.

Comp: 1-5-85 thru San Andres perms. Top: 2214'

Pool boundary outlined in blue.

Sec. 24: SW/4

Case No. 8559

(D) Creation of a new gas pool.

COUNTY EddyPOOL North Empire-Atoka GasTOWNSHIP 17SRANGE 28E

MMUM

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: Amoco Prod. Co. State MT #1-I-1-17-28.

Comp: 9-8-83 thru Atoka perfs. Top: 10,277'.

Pool boundary outlined in blue.

Sec. 1: E/2

Case No. 8559 (E) Creation of a new gas pool.

COUNTY Eddy POOL Happy Valley-Atoka Gas

TOWNSHIP		22S	RANGE		26E	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: TXO Corp. Federal E #1-F-4-22-26.

Comp: 1-10-85 thru Atoka perms. Top: 10,334'.

Pool boundary outlined in blue.

Sec. 4: All

Case No. 8559 (F) Creation of a new oil pool.

COUNTY Eddy POOL Loco Hills-Bone Spring

TOWNSHIP 18S RANGE 29E NM 1M

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.

Disc. Well: HEYCO Loco Hills Welch #1-D-9-18-29.

Comp: 9-30-78 thru Bone Spring perfs. Top: 7294'.

Pool boundary outlined in blue.

Sec. 9: NW/4

Case No. 8559 (G) Creation of a new gas pool.

COUNTY Eddy POOL McKittrick Hills-Morrow Gas

TOWNSHIP	22S	RANGE	24E	NMIM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: One completed gas well capable of producing.

Disc. Well: Florida Expl. Chama Federal #1-B-11-22-24.

Comp: 12-27-84 thru Morrow perfs Top: 10,282'.

Pool boundary outlined in blue.

Sec. 11: N/2

COUNTY Eddy

POOL Penasco Draw-Upper Pennsylvanian

TOWNSHIP	19S	RANGE	25E	MM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

Purpose: One completed oil well capable of producing.

Disc. Well: Anadarko Prod. Co. Matlock #1-J-4-19-25.

Comp: 12-22-84 thru Canyon perfs. Top: 7776'.

Pool boundary outlined in blue.

Sec. 4: SE/4

COUNTY Eddy

POOL

East Millman-San Andres

TOWNSHIP

19S

RANGE

28E

NMM

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: Abolish said pool and the acreage included therein.

Proposed abolishment outlined in red and hachured in blue.

Sec. 22: NE/4 & W/2 SE/4

Sec. 27: NE/4 NW/4 & NW/4 NE/4

COUNTY Eddy

POOL North Millman-San Andres

TOWNSHIP	19S	RANGE	28E	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: Abolish said pool and the acreage included therein.

Proposed abolishment outlined in red and hachured in blue.

Sec. 1: S/2 SE/4

Sec. 12: N/2 NE/4

COUNTY Eddy

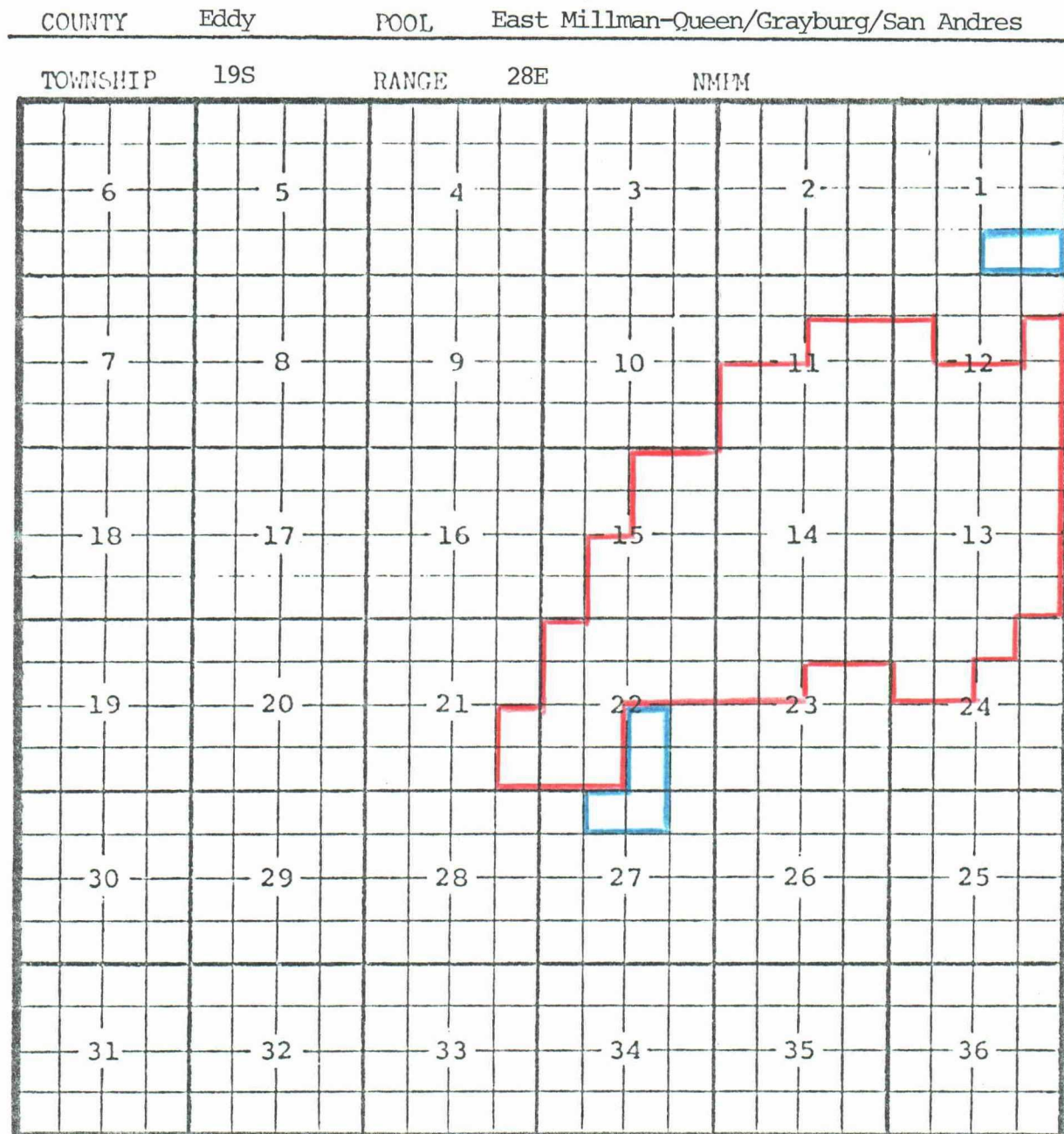
POOL North Millman-San Andres

TOWNSHIP	19S	RANGE	29E	NEEN	EXHIBIT II
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: See Exhibit I

Proposed abolishment outlined in red and hachured in blue.

Sec. 6: SW/4 SW/4



Purpose: To include abolished acreage from the East Millman-San Andres,
and North Millman-San Andres pools.

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 1: S/2 SE/4

Sec. 22: W/2 SE/4

Sec. 27: NE/4 NW/4 & NW/4 NE/4

Case No. 8559

(K) Extension of an existing oil pool.

COUNTY Eddy

POOL

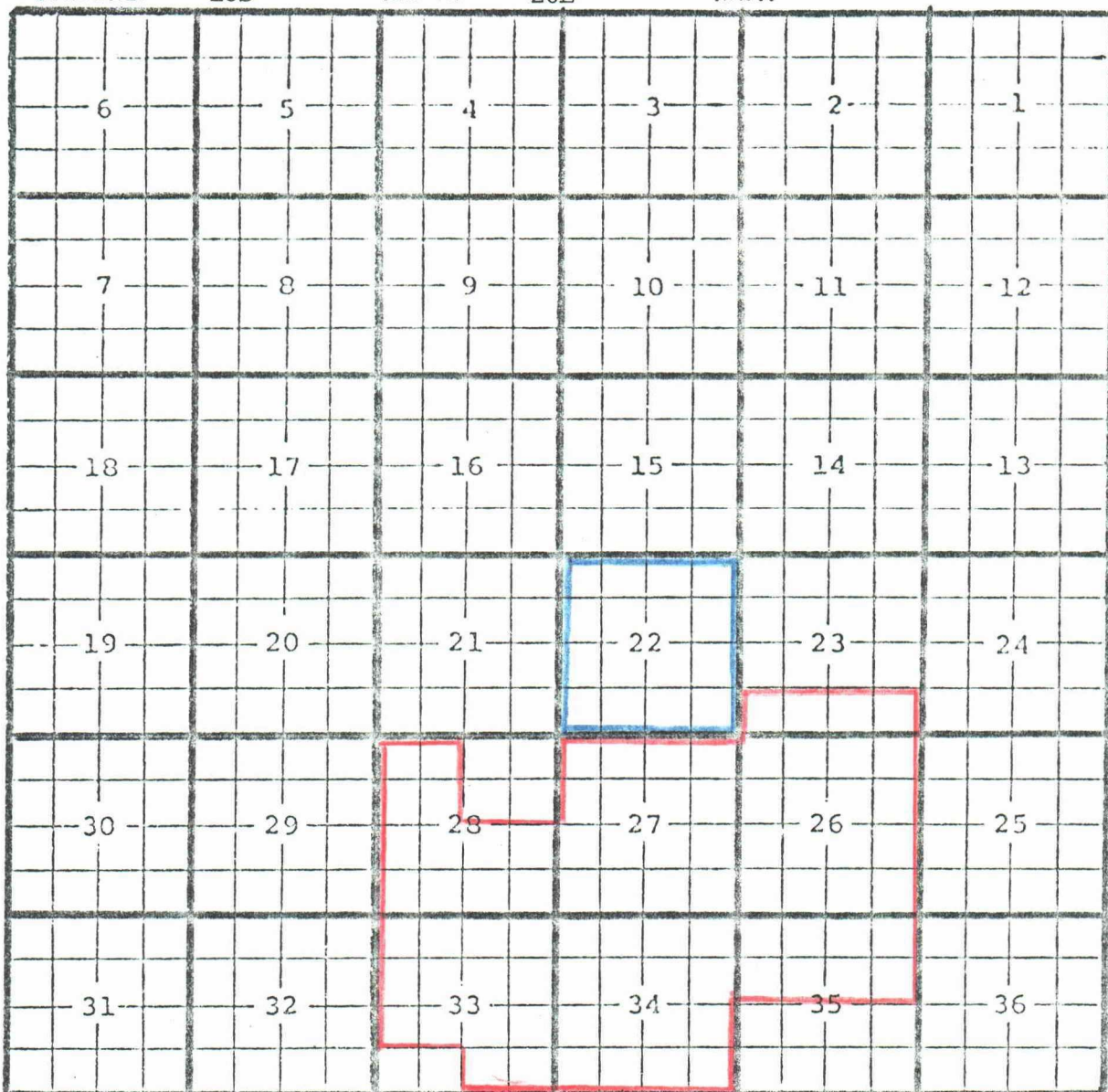
Atoka-Glorieta/Yeso

TOWNSHIP 18S

RANGE

26E

NMIM



Purpose: One completed oil well capable of production.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Yates Pet. Corp.	Gates AAC	1-C	22-18-26	2-1-85	Yeso	2488'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 22: All

COUNTY Eddy

POOL East Avalon-Bone Spring Gas

TOWNSHIP	20S	RANGE	27E	NE/4	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: One completed gas well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Yates Pet. Corp.	Citdel ZG St.	1-A	36-20-27	5-18-84	BS	4871'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 36: NE/4

TOWNSHIP	20S	RANGE	28E	MM	EXHIBIT II
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: See Exhibit I

Opr. Lse. #&Ut. S.T.R. Comp. Emtn. Top

See exhibit I

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 30: SW/4

Sec. 31: N/2

Case No. 8559

(M)

Extension of an existing gas pool.

COUNTY Eddy

POOL East Black River-Atoka Gas

TOWNSHIP

24S

RANGE

27E

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 gas well capable of producing.

Opr.

Lse.

#&Ut. S.T.R.

Comp.

Fmtn.

Top

HNG Oil Corp. Target 23 St.

1-E

23-24-27

1-16-85

Atoka

11,354'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 23: W/2

COUNTY Eddy POOL North Black River-Atoka GasTOWNSHIP 23S RANGE 26E NMNM 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: One completed gas well capable of producing.

Opr. Lse. #&Ut. S.T.R. Comp. Fmtn. Top

Exxon Corp. S.Carlsbad Gas Com 4-1-G 27-23-26 11-8-84 Atoka 10,512'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 26: W/2

Sec. 27: All

Sec. 35: All

COUNTY	Eddy	POOL	North Black River-Atoka Gas		
TOWNSHIP	24S	RANGE	26E	MM	EXHIBIT II
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: See Exhibit I

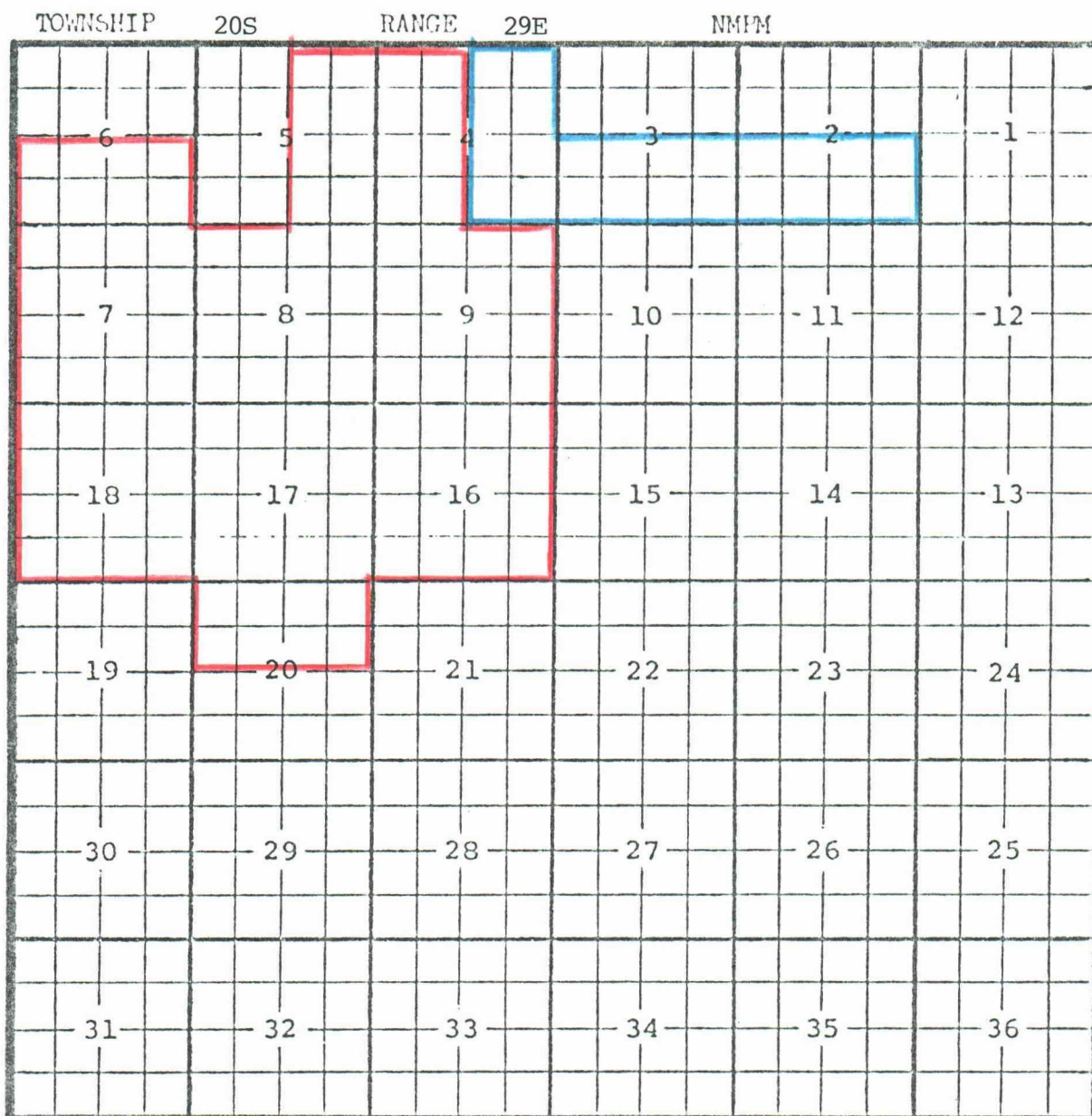
Opr. Lse. #&Ut. S.T.R. Comp. Fmtn. Top

See Exhibit I

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 2: N/2

COUNTY Eddy POOL East Burton Flat-Morrow Gas Pool

Purpose: One completed gas well capable of production.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Yates Pet. Corp.	Anthill AAK St.	1-0	2-20-29	1-11-85	Mor.	11,715'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 2: S/2

Sec. 3: S/2

Sec. 4: E/2

COUNTY Eddy POOL North Burton Flat-Strawn GasTOWNSHIP 19S RANGE 28E 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 gas well capable of producing.

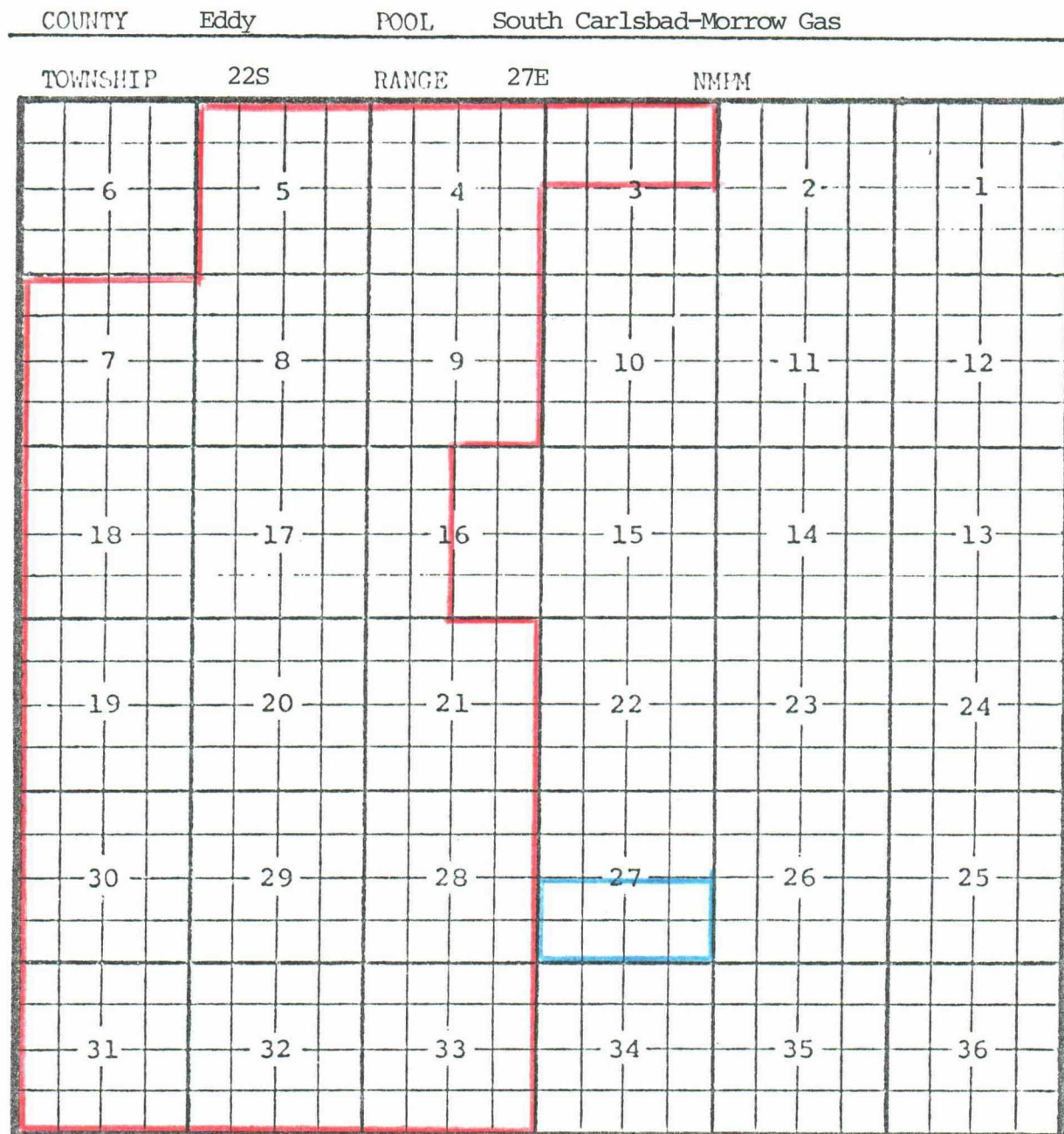
Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Gulf Oil Corp.	Pacheco Fed. Com	3-E	31-19-28	9-16-84	Strawn	9514'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 31: All

Sec. 32: S/2



Purpose: One completed gas well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Santa Fe Energy	Lovelace	1-L	27-22-27	12-14-84	Morrow	11,795'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 27: S/2

COUNTY Eddy

POOL

East Eagle Creek-Atoka/Morrow Gas

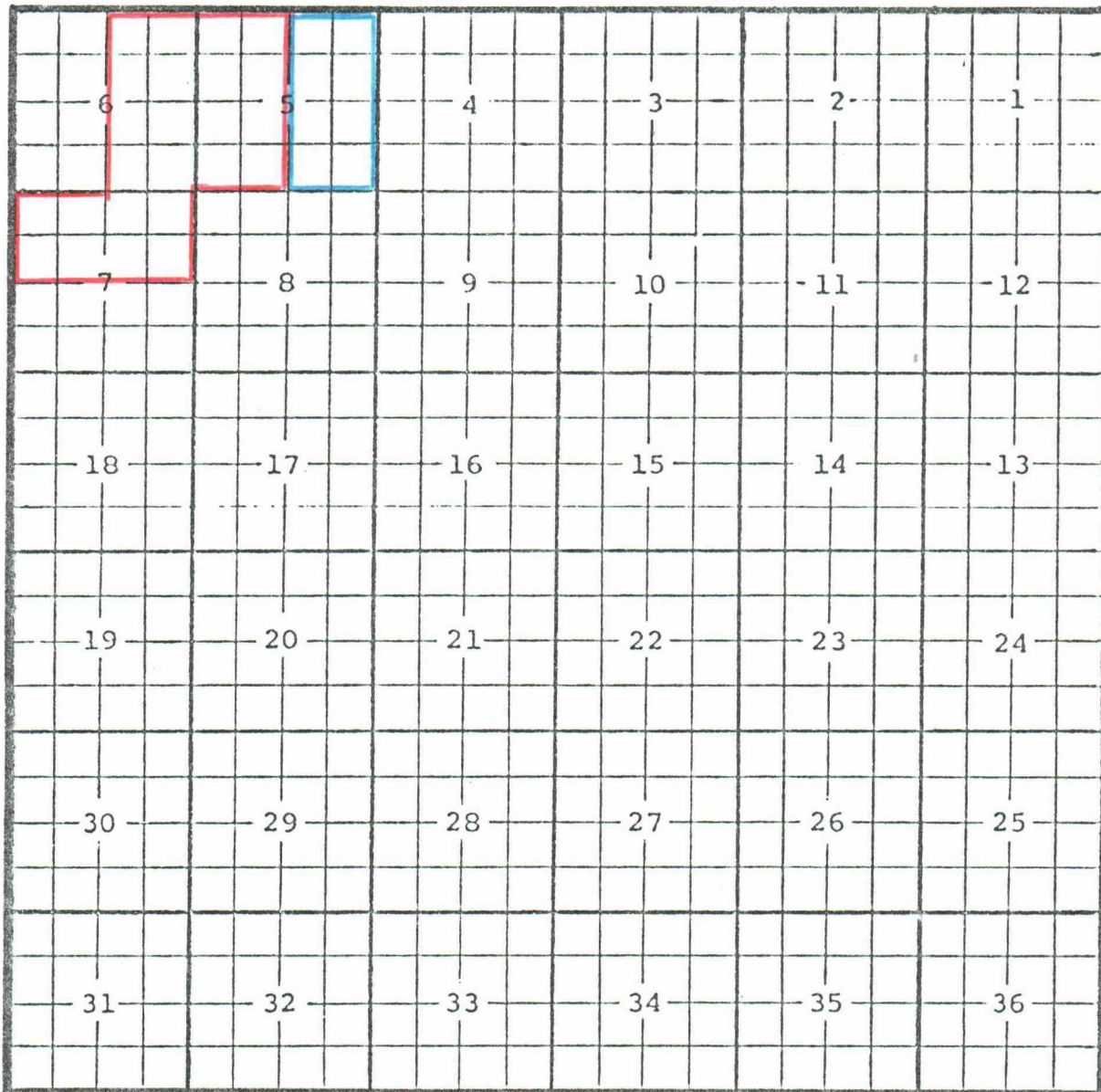
TOWNSHIP

18S

RANGE

26E

NMIM



Purpose: One completed gas well capable of producing.

Opr.

Lse.

#&Ut.

S.T.R.

Comp.

Fmtn.

Top

Yates Pet. Corp. Cole AAE Com 1-J 5-18-26 12-5-84 Morrow 8614'

Pool boundary outlined in red.

Proposed extension outlined in blue.

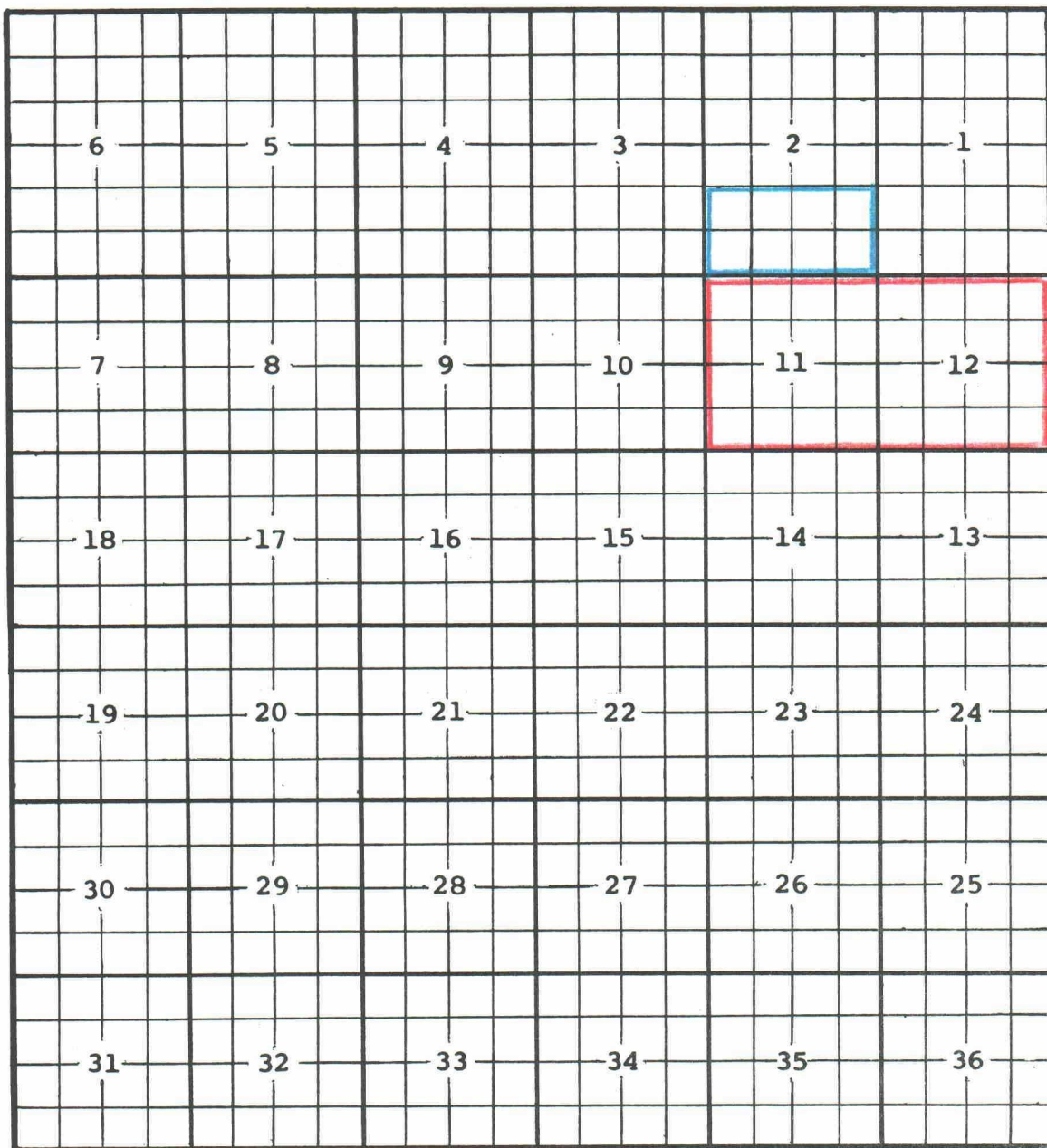
Sec. 5: E/2

Case No. 8559

(P)^u Extension of an existing oil pool.

COUNTY Eddy POOL Northwest Fenton-Delaware

TOWNSHIP 21S RANGE 27E NMPM



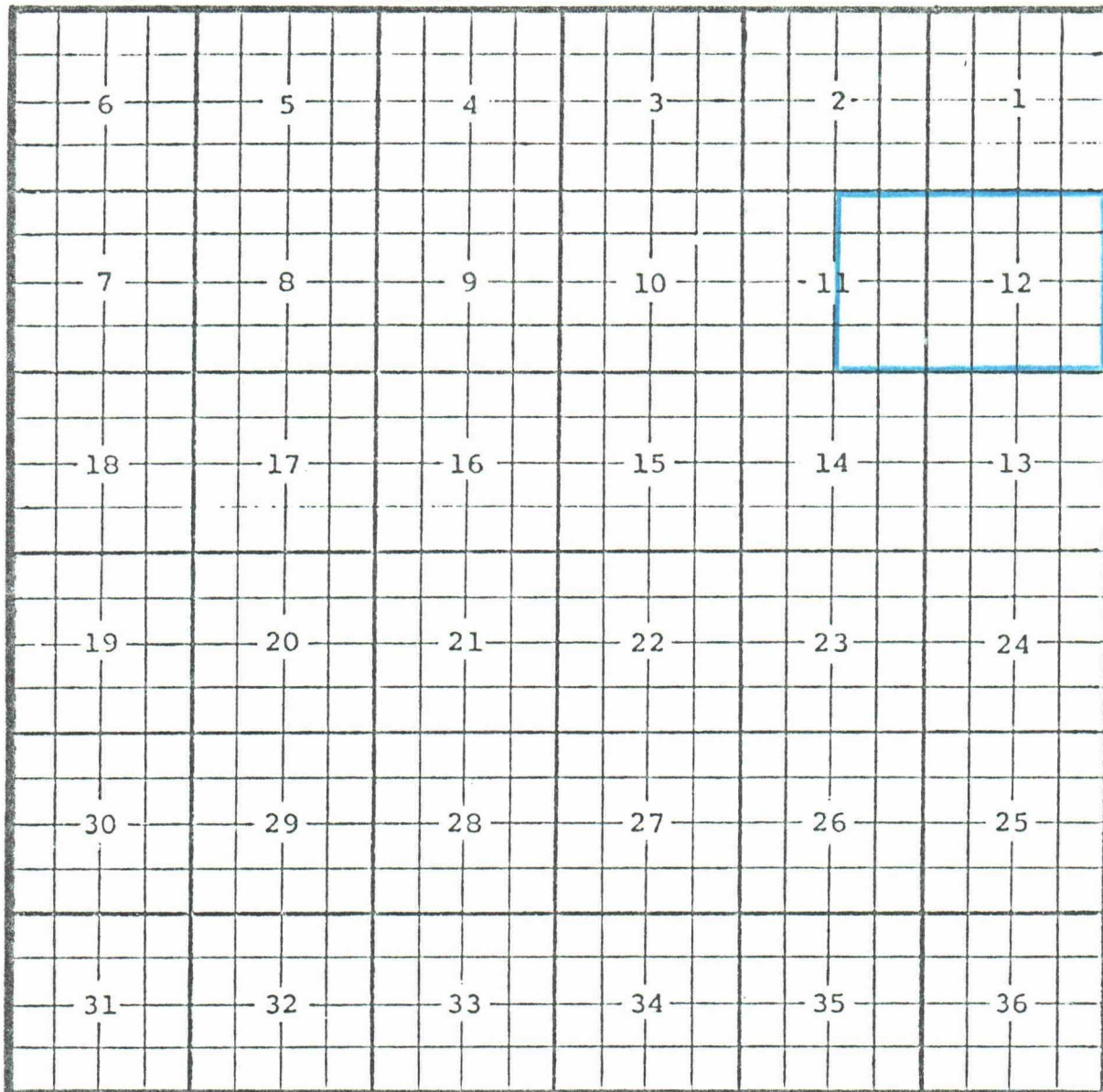
Purpose: One completed oil well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Monsanto Oil Co.	Burton Flat	Dp.Ut.	37-R	2-21-27	1-17-85	Del. 2790'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 2: S/2

COUNTY Eddy POOL Hoag Tank-Morrow GasTOWNSHIP 19S RANGE 23E NMIM

Purpose: One completed gas well capable of producing.

Opr. Lse. #&Ut. S.T.R. Comp. Fmtn. Top

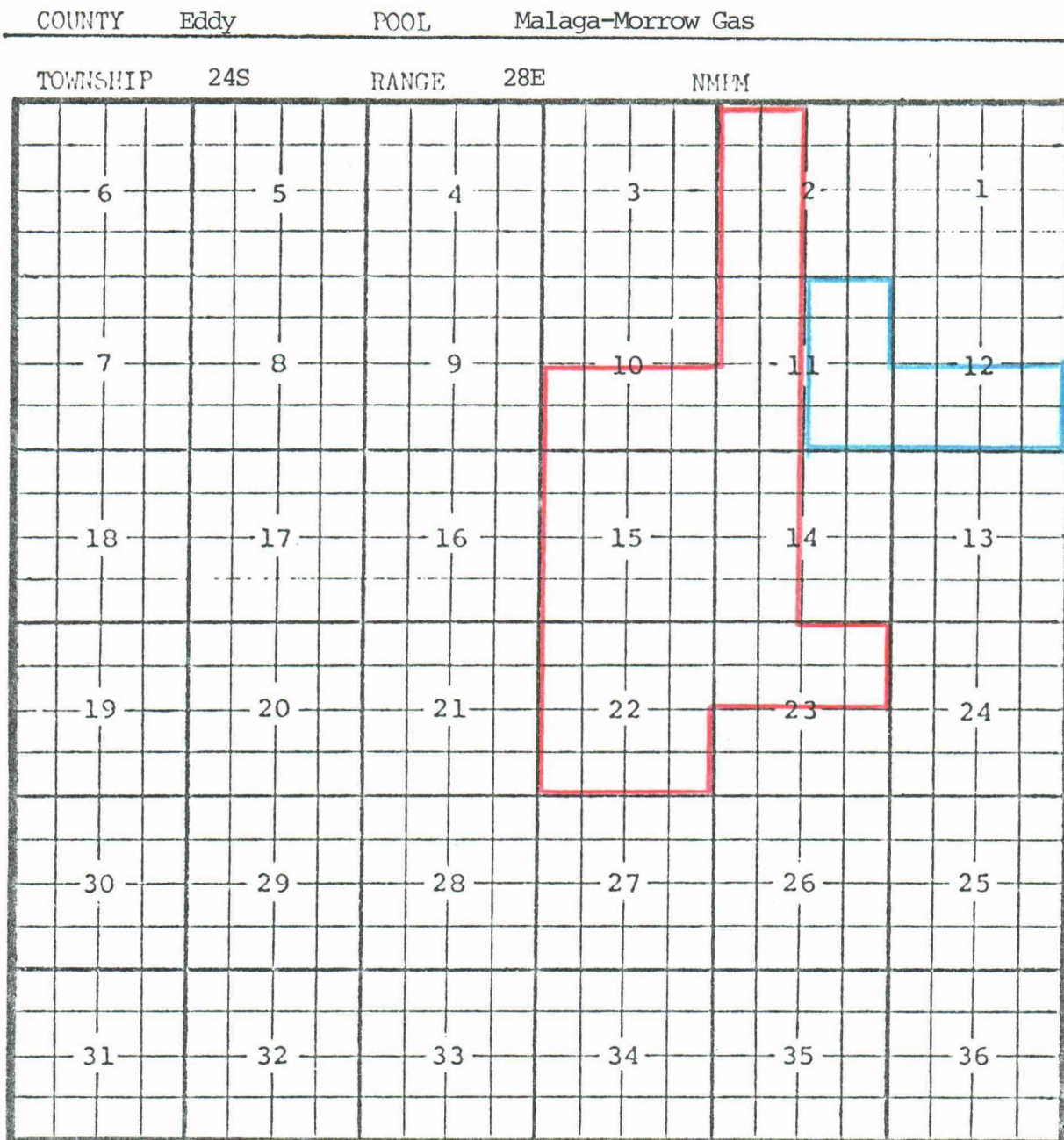
Yates Pet. Corp. Tanque Rojo AAT St. 1-I 11-19-23 1-6-85 Morrow 8131'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 11: E/2

Sec. 12: All



Purpose: One completed oil well capable of production.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Santa Fe Energy Co.	Burkham Fed.Com	1-M	12-24-28	1-6-85	Morrow	11,915'

Pool boundary outlined in red.

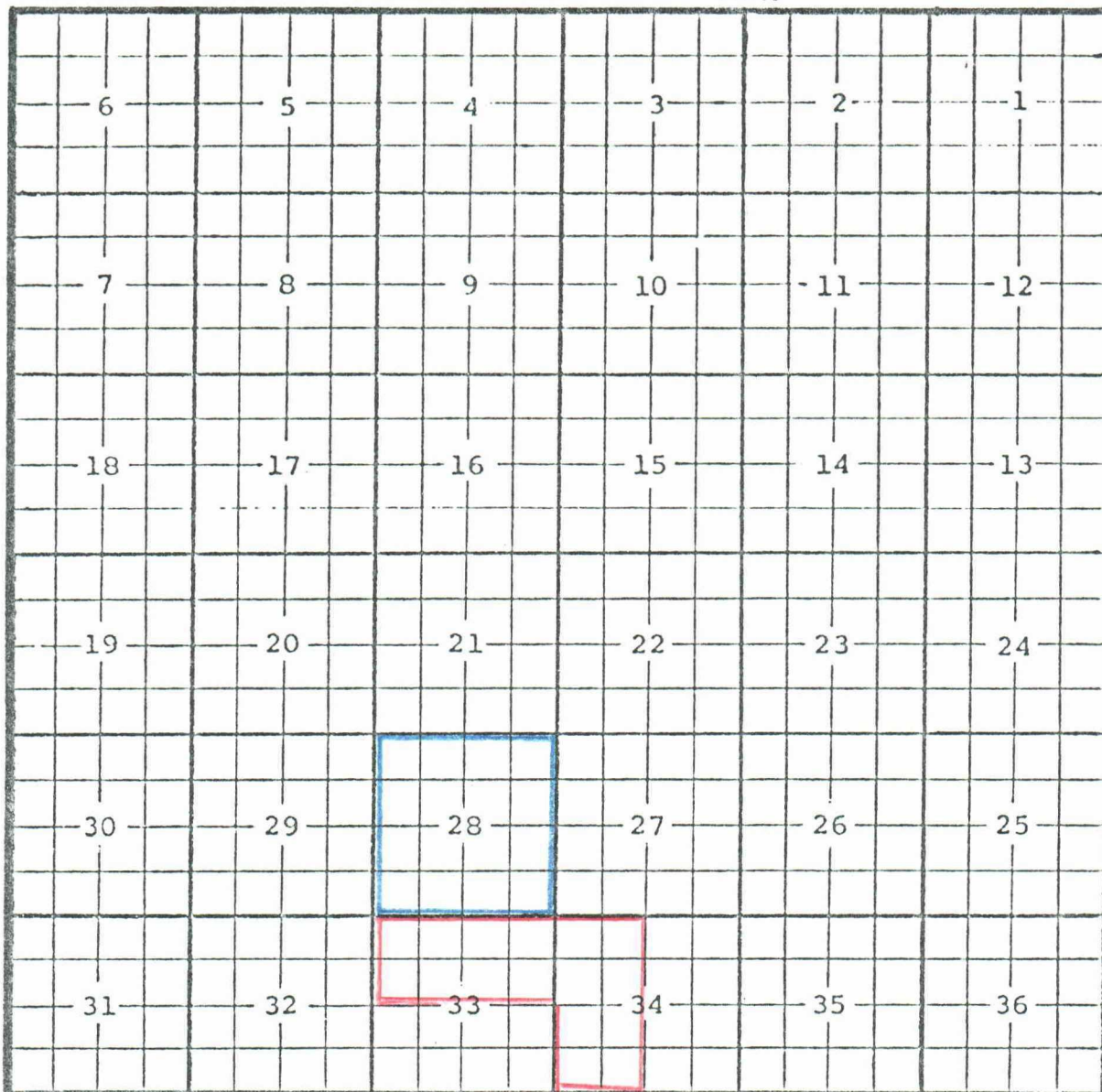
Proposed extension outlined in blue.

Sec. 11: E/2

Sec. 12: S/2

COUNTY Eddy POOL Nimenim Ridge-Morrow Gas

TOWNSHIP 18S RANGE 30E NMFM



Purpose: One completed gas well capable of producing.

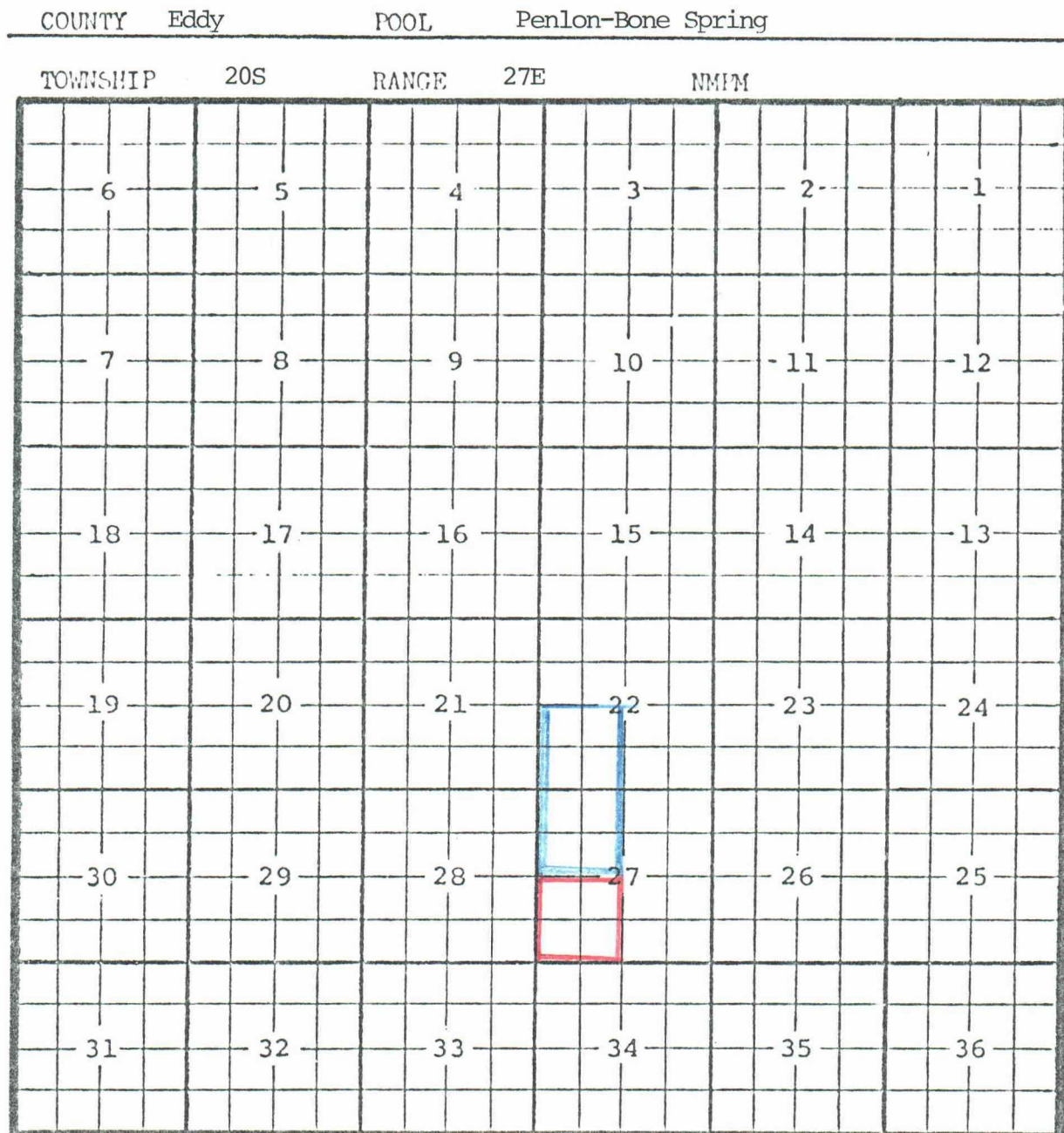
Opr. Lse. #&Ut. S.T.R. Comp. Fmtn. Top

Texaco Inc. L.R. Manning B Fed. 21-I 28-18-30 4-1-84 Morrow 11,610'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 28: All



Purpose: One completed oil well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Penroc Oil Corp.	Allied A Com	1-N	22-20-27	12-1-84	BS	6452'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 22: SW/4

Sec. 27: NW/4

COUNTY

Eddy

POOL

Scanlon-Delaware

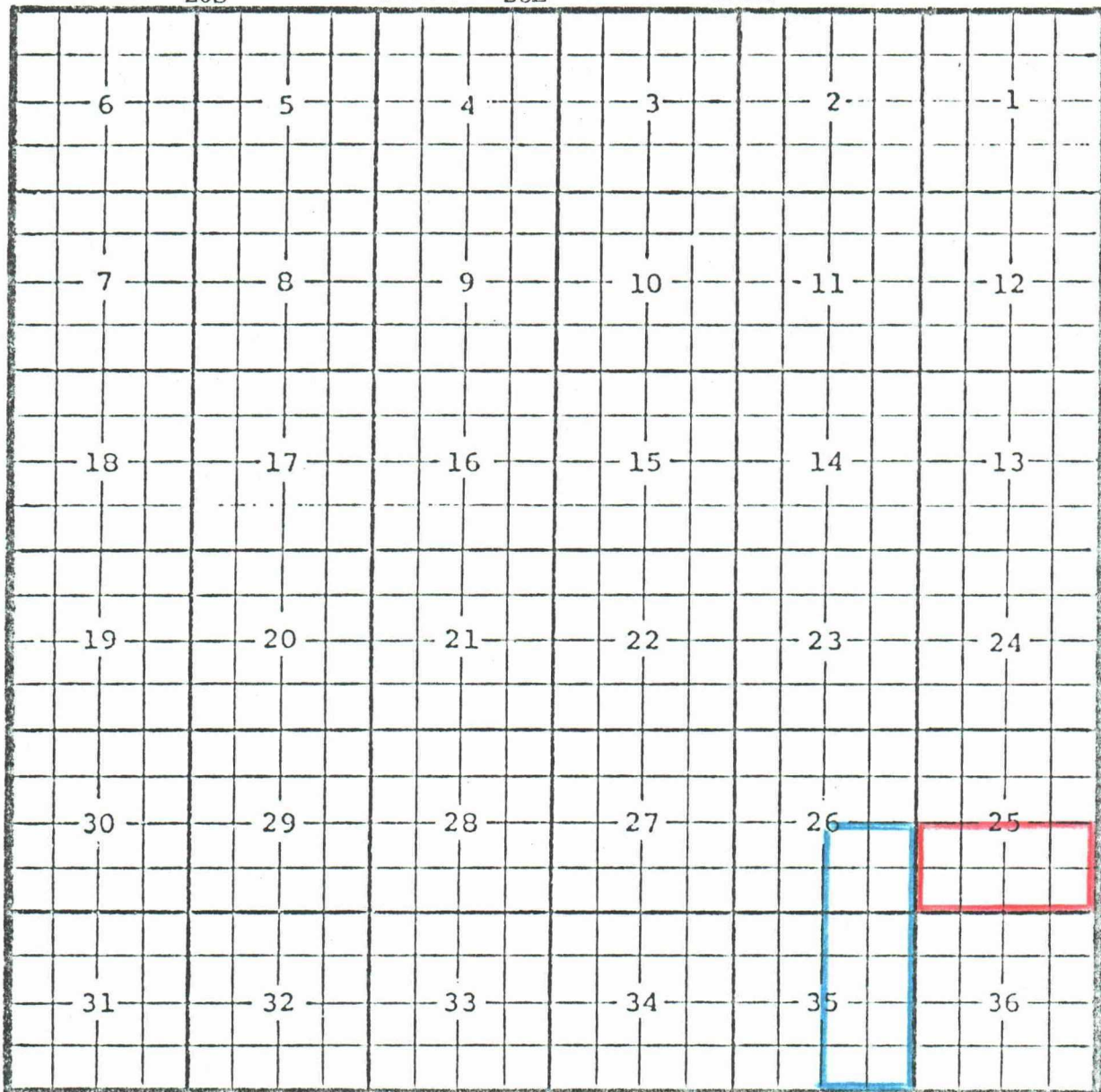
TOWNSHIP

20S

RANGE

28E

NMIM



Purpose: One completed oil well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Exxon Corp.	Burton Flat C Fed.	3-0	35-20-28	4-29-84	Del.	3222'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 26: SE/4

Sec. 35: E/2

Case No. 8559

(BB) Extension of an existing oil pool.

COUNTY Eddy

POOL

Square Lake-Grayburg/San Andres

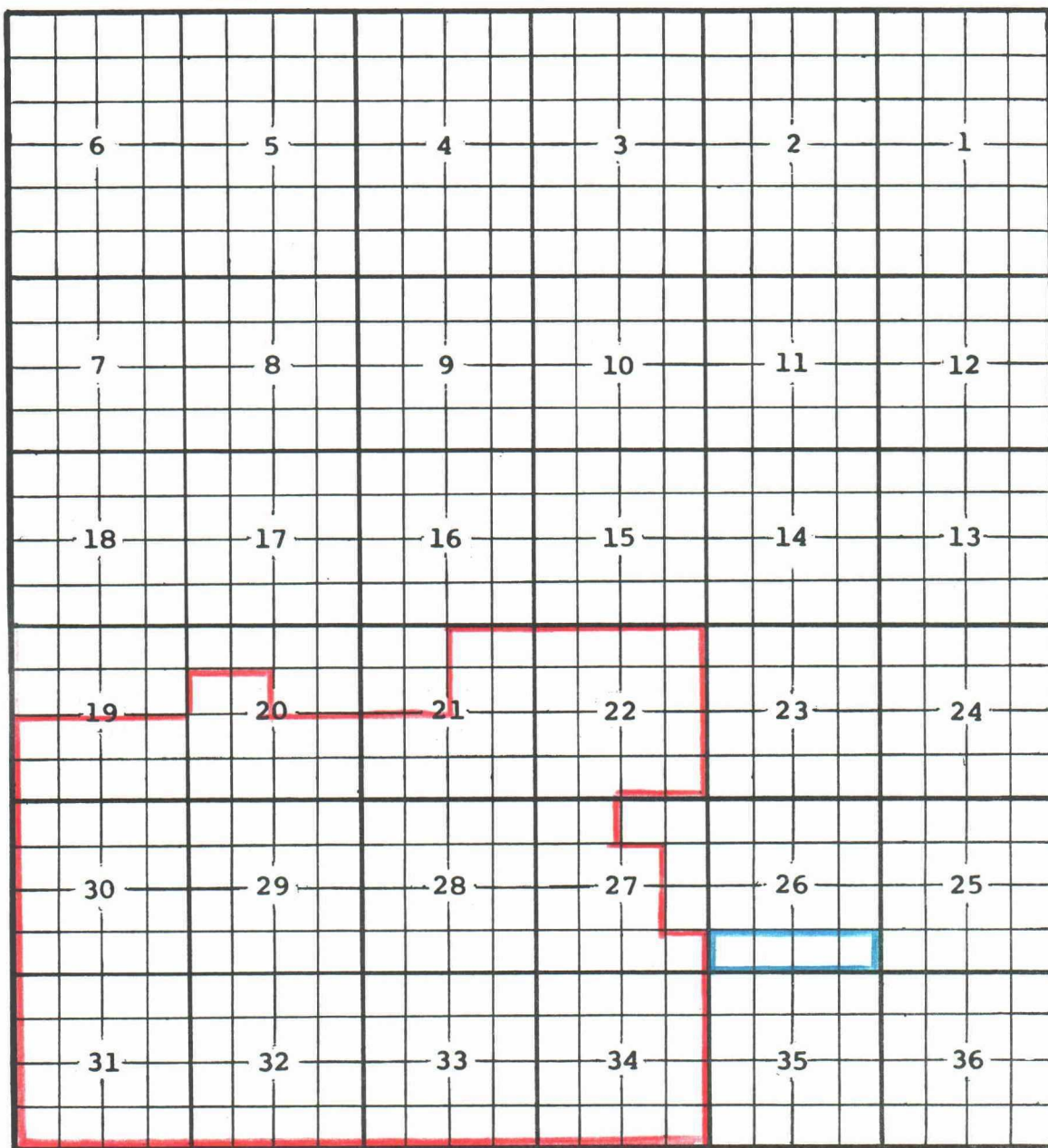
TOWNSHIP

16S

RANGE

31E

NMPM



Purpose: One completed oil well capable of producing.

Opr.	Lse.	#&Ut.	S.T.R.	Comp.	Fmtn.	Top
Yates Pet. Corp.	Porcupine AAQ	Fed. 1-N	26-16-31	2-8-85	G-SA	3712'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 26: S/2 S/2