

It is recommended that a new gas pool be created and designated as the Bandana Point-Upper Penn Gas Pool.

Vertical limits to be the Canyon-Cisco formation and the horizontal limits should be as follows: Section 4: W/2.

Discovery well was W. A. Moncrief, Robinia Draw Federal #1 located in Unit L Section 4 Township 23 Range 24 and was completed on 6/28/89. Top of perforations is at 8402 feet.

It is recommended that a new oil pool be created and designated as the Delaware River-Bone Spring Pool.

Vertical limits to be the Bone Spring formation and the horizontal limits should be as follows: Section 5: NE/4

Discovery well was Yates Petroleum Corp, East Apple State Unit #1 located in Unit G Section 5 Township 26 Range 28 and was completed 9/11/89. Top of perforations is at 6812 feet.

It is recommended that a new oil pool be created and designated as the Foor Ranch-San Andres Pool.

Vertical limits to be the San Andres formation and the horizontal limits should be as follows: Section 31: SE/4.

Discovery well was Yates Petroleum Corp, Dragonfly State Unit #2 located in Unit O Section 31 Township 9 Range 27 and was completed on 9/4/89. Top of perforations is at 1964 feet.

It is recommended that a new gas pool be created and designated as the La Huerta-Atoka Gas Pool.

Vertical limits to be the Atoka formation and the horizontal limits should be as follows: Section 20: N/2.

Discovery well was OXY USA Inc., Simpson B Com #1 located in Unit G Section 20 Township 21 Range 27 and was completed on 7/24/89. Top of perforations is at 10,534 feet.

It is recommended that a new gas pool be created and designated as the Middle Seven Rivers-Upper Penn Gas Pool.

Vertical limits to be the Canyon-Cisco formation and the horizontal limits should be as follows: Section 3: W/2.

Discovery well was Yates Petroleum Corp, La Rue XX Federal #1 located in Unit F Section 3 Township 20 Range 24 and was completed on 8/9/89. Top of perforations is at 7679 feet.

It is recommended that a new oil pool be created and designated as the Parkway-Bone Spring Pool.

Vertical limits to be the Bone Spring formation and the horizontal limits should be as follows: Section 34: E/2.

Discovery well was Siete Oil & Gas, Osage Federal #9 located in Unit B Section 34 Township 19 Range 29 and was completed on 9/9/89. Top of perforations is at 7790 feet.

It is recommended that a new gas pool be created and designated as the Sams Ranch-Atoka Gas Pool.

Vertical limits to be the Atoka formation and the horizontal limits should be as follows: Section 7: S/2.

Discovery well was Meridian Oil Inc, Cannonball Federal #1 located in Unit N Section 7 Township 14 Range 28 and was completed on 1/21/89. Top of perforations is at 7756 feet.

It is recommended that a new gas pool be created and designated as the Siegreest Draw-Abo Gas Pool.

Vertical limits to be the Abo formation and the horizontal limits should be as follows: Section 32: SW/4.

Discovery well was Yates Petroleum Corp, Agave AAJ State #2 located in Unit K Section 32 Township 19 Range 24 and was completed on 9/9/89. Top of perforations is at 3913 feet.

It is recommended that a new oil pool be created and designated as the Watkins-Bone Spring Pool.

Vertical limits to be the Bone Spring formation and the horizontal limits should be as follows: Section 36: SW/4.

Discovery well was Harvey E. Yates Co, Eddy JP State #1 located in Unit N Section 36 Township 18 Range 31 and was completed on 10/19/89. Top of perforations is at 8845 feet.

COUNTY EDDY

POOL

BANDANA POINT-UPPER PENN GAS POOL

TOWNSHIP

23S

RANGE

24E

NMP1A

| | | | | | |
|----|----|----|----|----|----|
| 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: W.A. Moncrief, Robinia Draw Federal #1-L-4-23-24

Comp: 6-28-89

Proposed pool boundary outlined in blue.

Section 4: W/2

COUNTY EDDY

POOL DELAWARE RIVER-BONE SPRING POOL

TOWNSHIP 26S

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.

Disc. Well: Yates Pet. Corp., East Apple State Unit #1-G-5-26-28

Comp: 9-11-89

Proposed pool boundary outlined in blue.

Section 5: NE/4

COUNTY CHAVES POOL FOOR RANCH-SAN ANDRES POOL

TOWNSHIP 9S RANGE 27E NMPIA

| | | | | | |
|----|----|----|----|----|----|
| 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: Yates Pet. Corp., Dragonfly State Unit #2-O-31-9-27

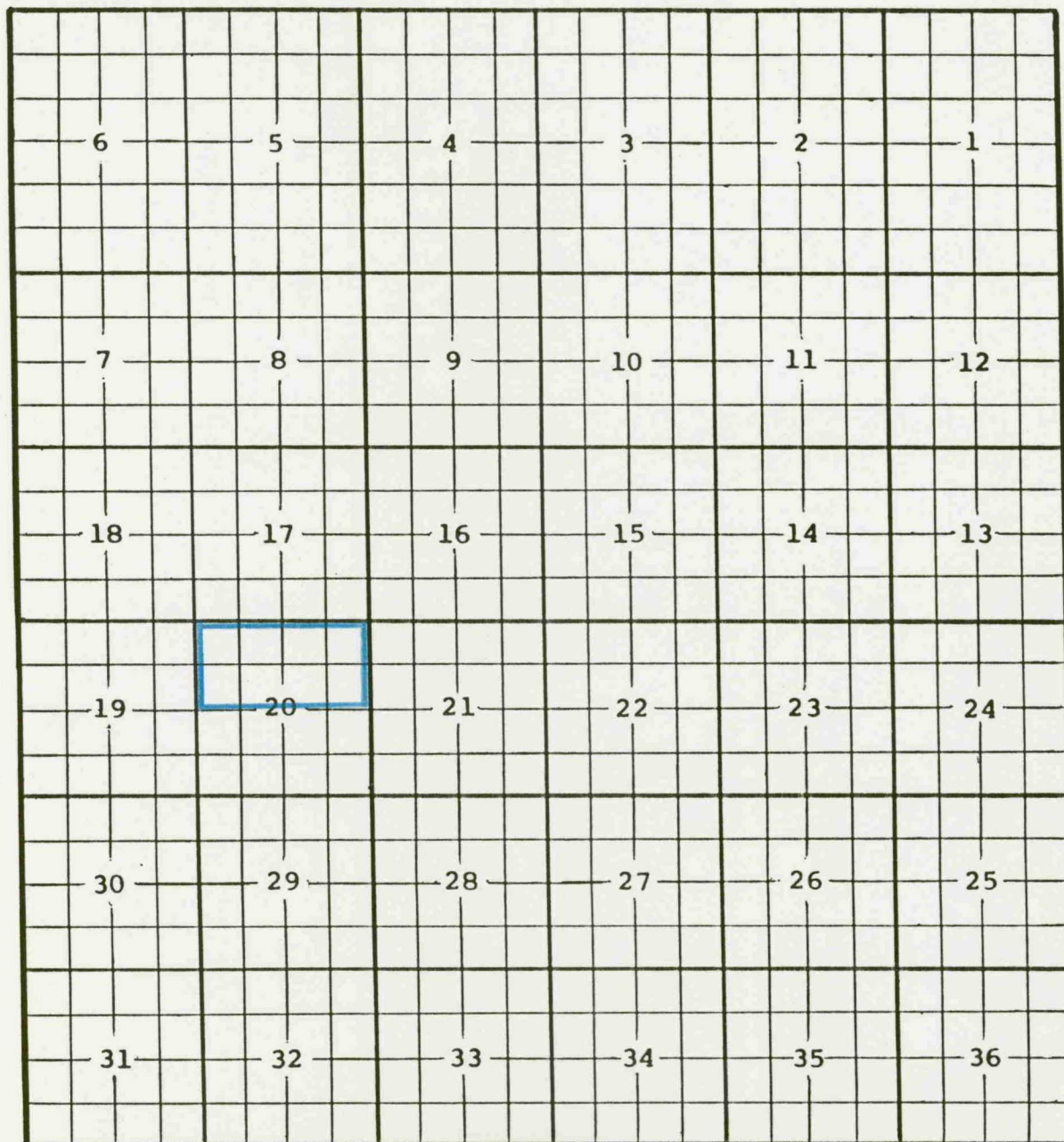
Comp: 9-4-89

Proposed pool boundary outlined in blue.

Section 31: SE/4

COUNTY EDDY POOL LaHUERTA-ATLKA GAS POOL

TOWNSHIP 21S RANGE 27E NMFM



Purpose: One completed gas well capable of producing.

Disc. Well: OXY USA Inc., Simpson B Com #1 G-20-21-27

Comp: 7-24-89

Proposed pool boundary outlined in blue.

Section 20: N/2

COUNTY EDDY POOL MIDDLE SEVEN RIVERS-UPPER PENN GAS POOL

TOWNSHIP 20S RANGE 24E 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: Yates Pet. Corp., LaRue XX Federal #1-F-3-20-24

Comp: 8-9-89

Proposed pool boundary outlined in blue.

Section 3: W/2

COUNTY EDDY POOL PARKWAY-BONE SPRING POOL

TOWNSHIP 19S RANGE 29E NMPIA

| | | | | | |
|----|----|----|----|----|----|
| 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: Siete Oil & Gas Corp., Osage Federal #9-B-34-19-29

Comp: 9-9-89

Proposed pool boundary outlined in blue.

Section 34: E/2

PARKWAY-BONE SPRING POOL

NMFIA

A 36x6 grid with numbers 1-36 in a boustrophedon pattern. A blue rectangle highlights the top-right 2x2 area (rows 1-2, columns 35-36).

Section 2: $N/2$

COUNTY CHAVES POOL SAMS RANCH-ATOKA GAS POOL

TOWNSHIP 14S 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 gas well capable of producing.

Disc. Well: Meridian Oil Inc., Cannonball Federal #1 N-7-14-28

Comp: 1-21-89

Proposed pool boundary outlined in blue.

Section 7: S/2

COUNTY EDDY POOL SIEGREST DRAW-ABO GAS POOL

TOWNSHIP 19S RANGE 24 E 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: Yates Pet. Corp., Agave AAJ State #2-K-32-19-24

Comp: 9-9-89

Proposed pool boundary outlined in blue.

Section 32: SW/4

COUNTY EDDY POOL WATKINS-BONE SPRING POOL

TOWNSHIP 18S RANGE 31E NMP1A

| | | | | | |
|----|----|----|----|----|----|
| 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: Harvey E. Yates Co., Eddy JP State #1-N-36-18-31

Comp: 10-19-89

Proposed pool boundary outlined in blue.

Section 36: SW/4

COUNTY EDDY

POOL

BRUSHY DRAW-DELAWARE POOL

TOWNSHIP 26S

RANGE

29E

NMPM



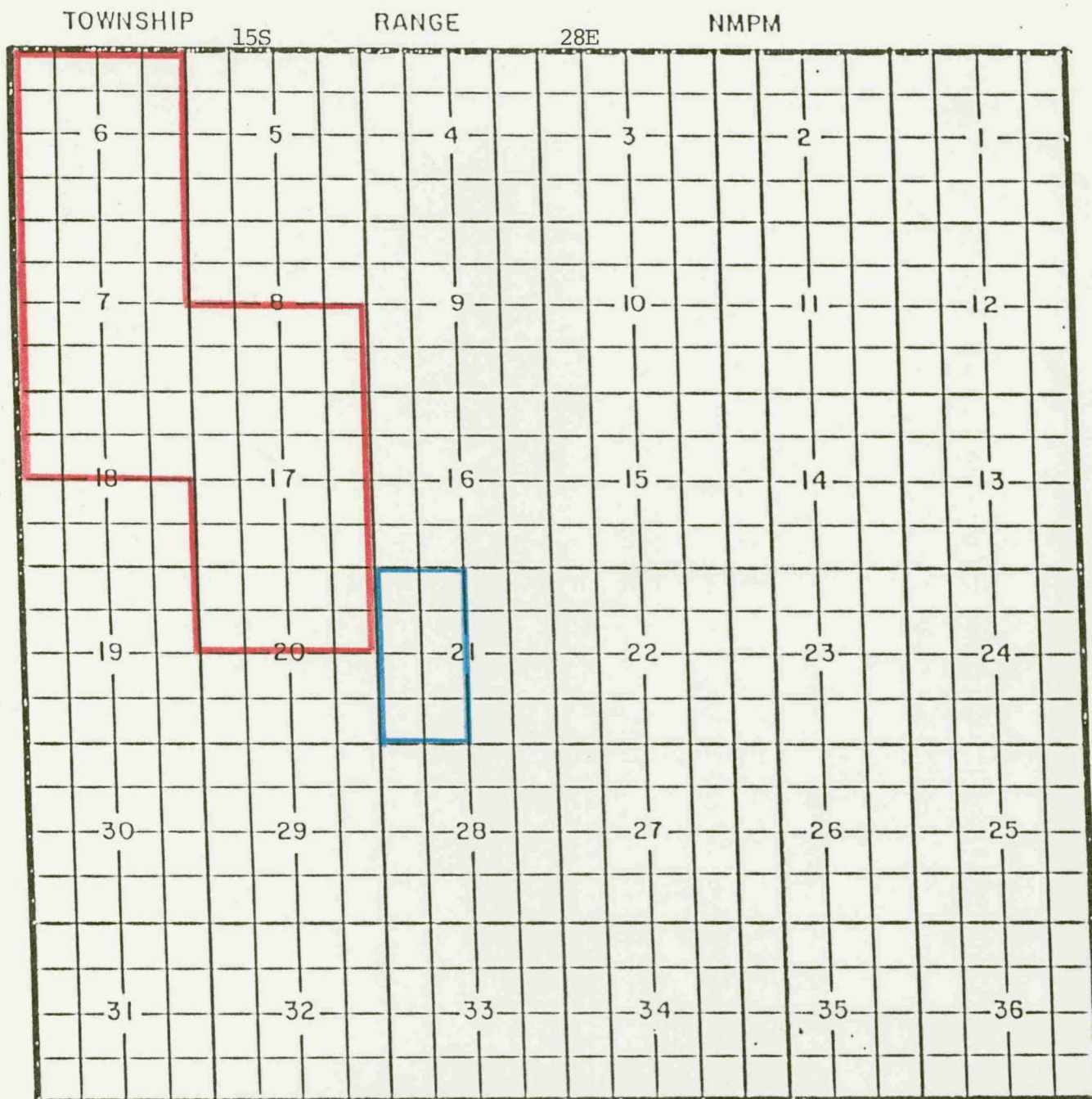
PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-------------|--------------|-------|----------|---------|-----------|------|
| Exxon Corp. | Sosa Federal | 1-0 | 15-26-29 | 6-17-89 | Delaware | 5052 |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 15: SE/4



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|--------------|-------------------|-------|----------|--------|-----------|-------|
| Bran Oil Co. | Redwall State Com | 1-E | 21-15-28 | 9-2-89 | Atoka | 8856' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 21: W/2

COUNTY EDDY

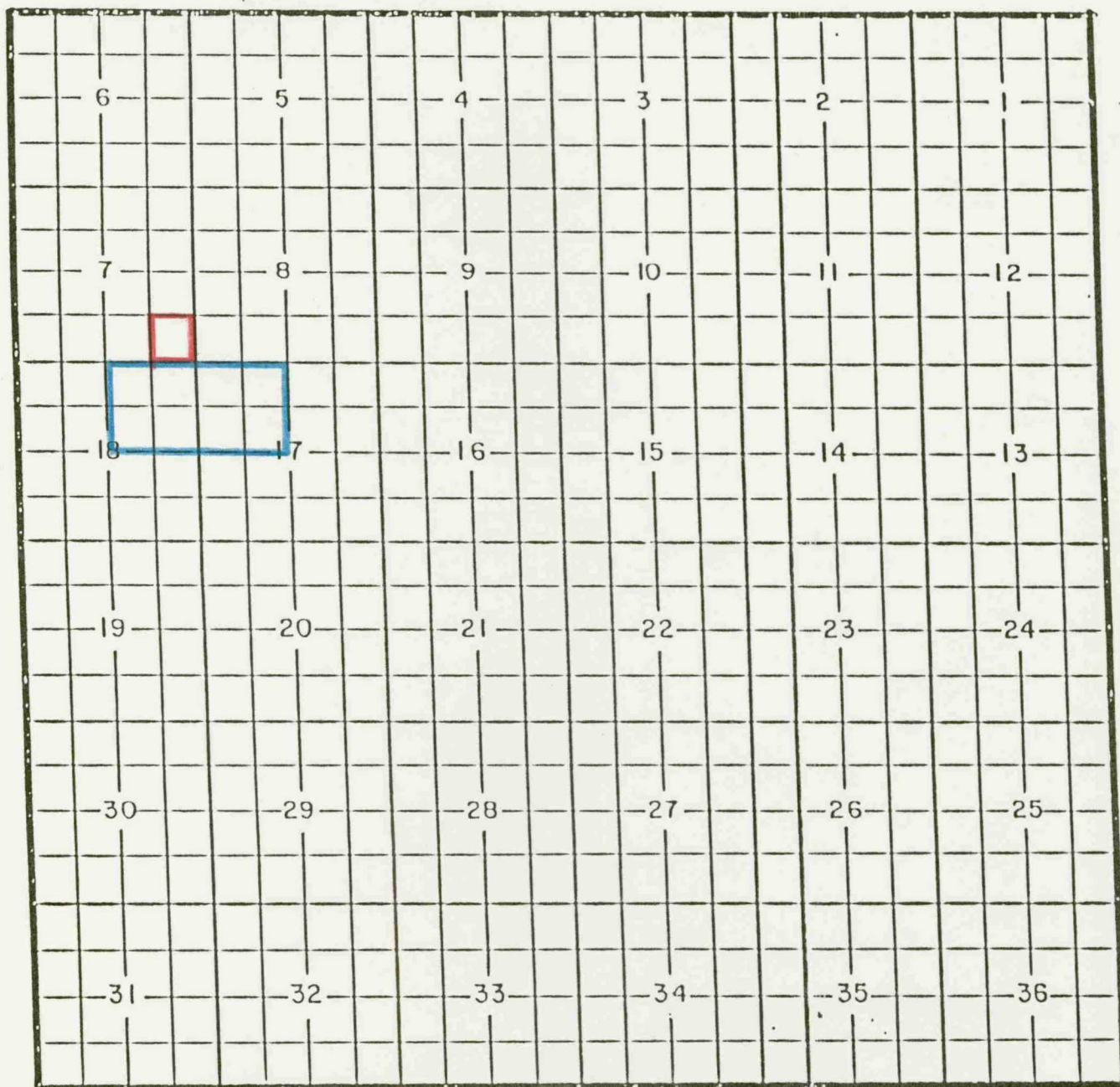
POOL

BURTON-DELAWARE POOL

TOWNSHIP 20S

RANGE 29E

NMPM



PURPOSE: One completed Oil well capable of producing.

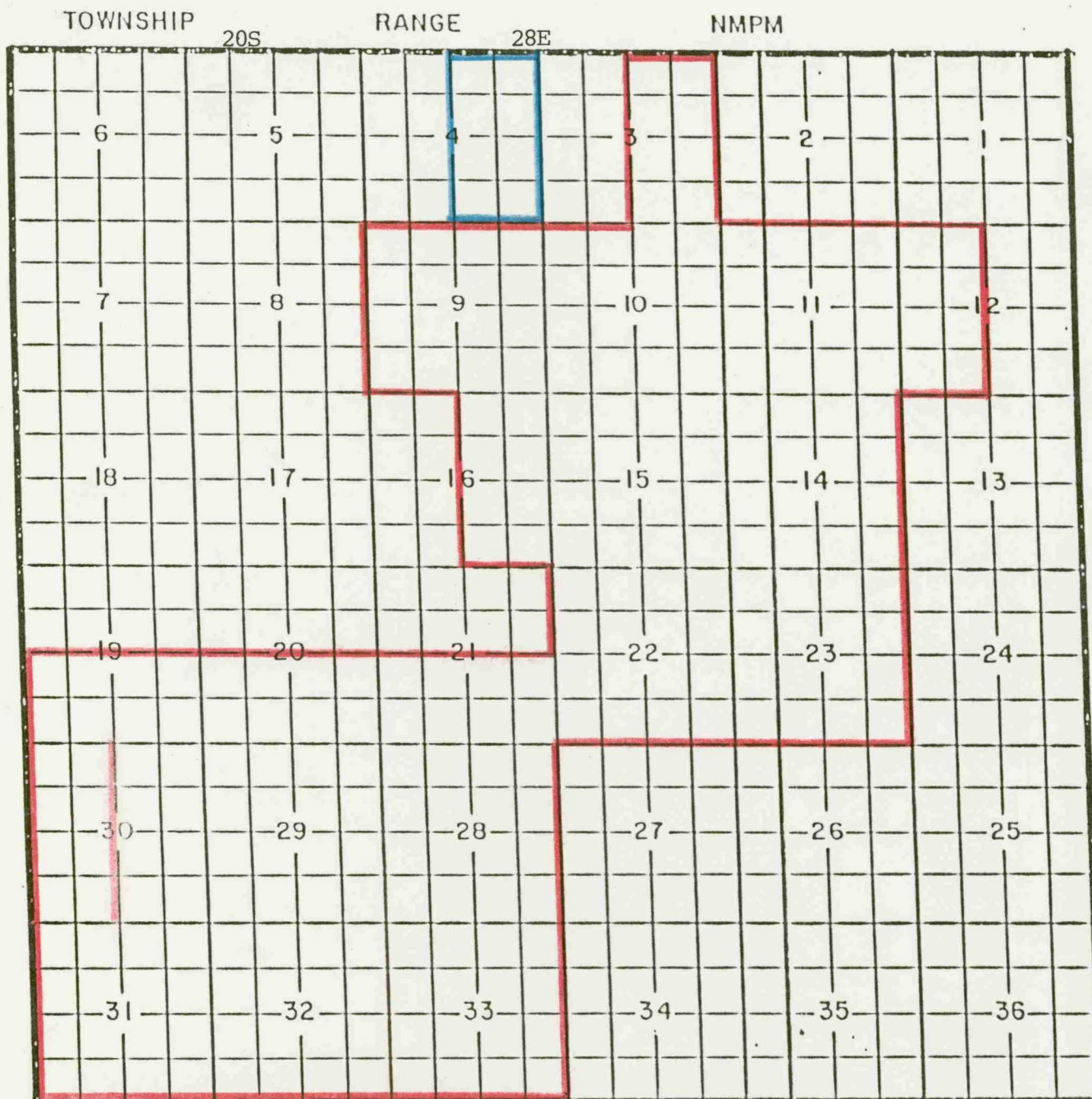
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-----------------|---------------|-------|----------|---------|-----------|------|
| TXO Prod. Corp. | Yates Federal | 3-E | 17-20-29 | 8-15-89 | Delaware | 3320 |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 17: NW/4

Section 18: NE/4



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|----------------|-----------------|-------|---------|--------|-----------|-------|
| Pennzoil Expl. | Winchester Fed. | 1-H | 4-20-28 | 7-8-82 | Wolfcamp | 8849' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 4: E/2

COUNTY

EDDY

POOL

SOUTH CARLSBAD-MORROW GAS POOL

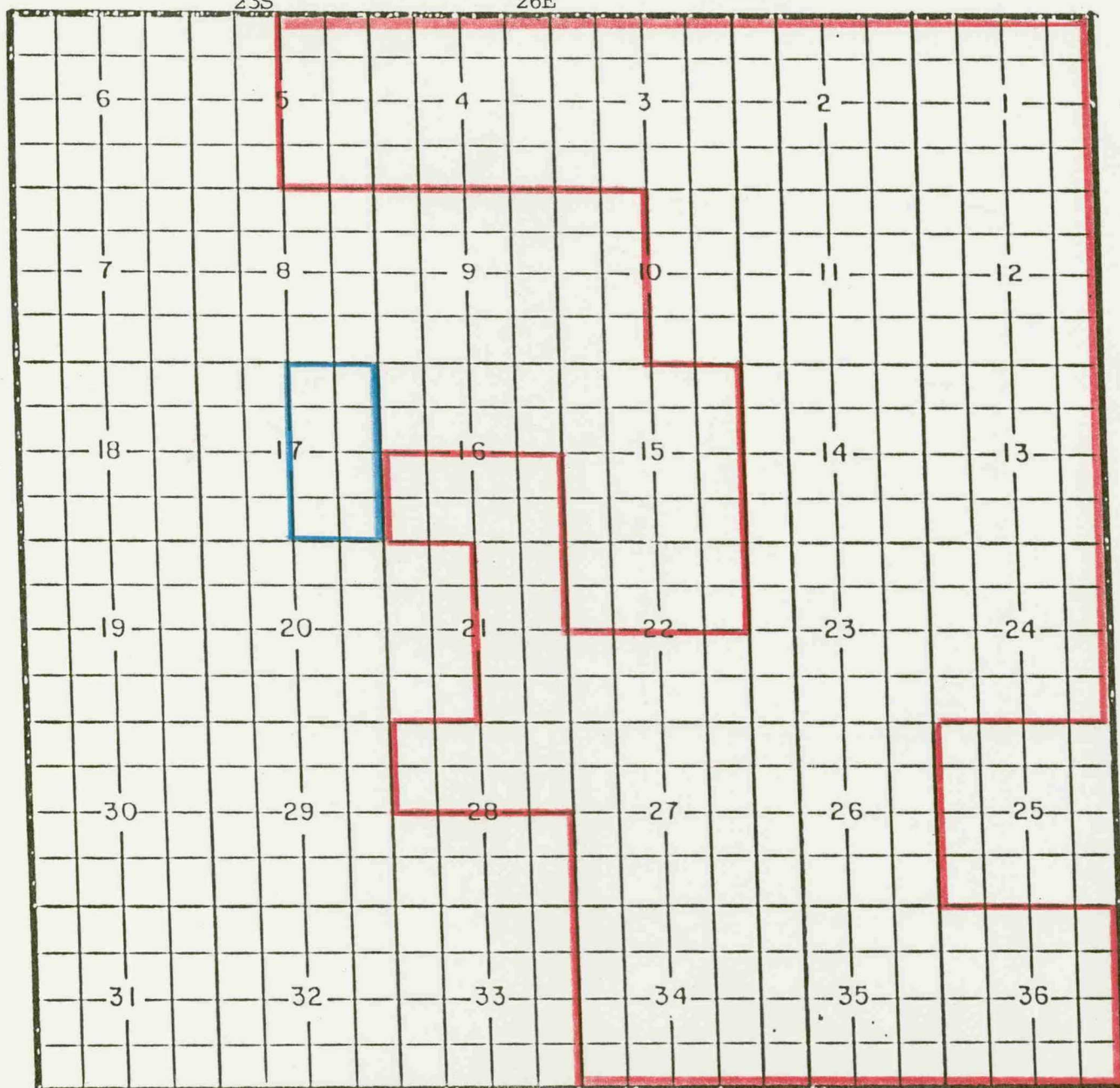
TOWNSHIP

23S

RANGE

26E

NMPM



PURPOSE: One completed gas well capable of producing.

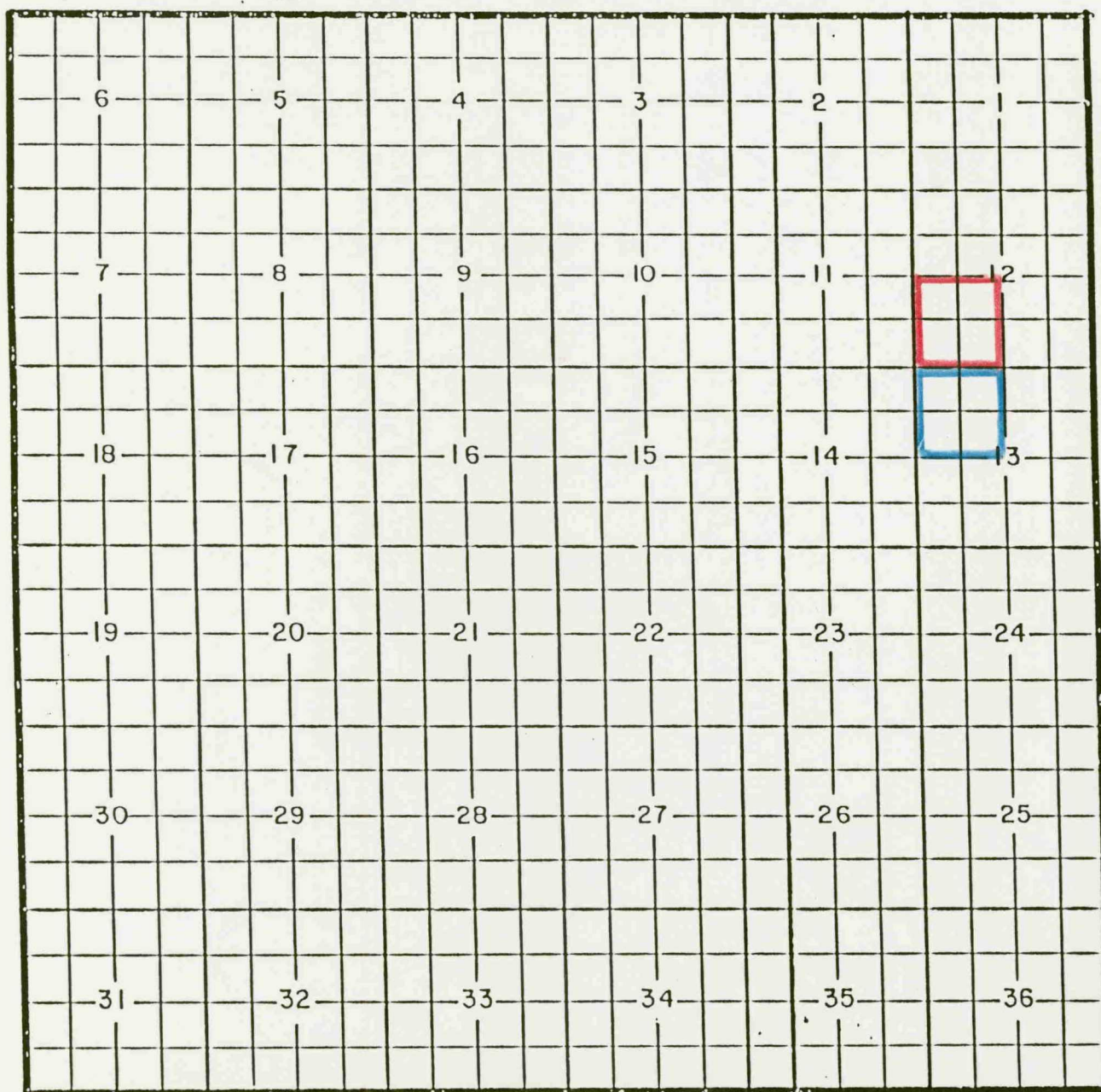
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-------------------------|-------------------|-------|----------|---------|-----------|---------|
| Bettis, Boyle & Stovall | Exxon 17 Fed. Com | 1-I | 17-23-26 | 9-14-89 | Morrow | 11,478' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 17: E/2

TOWNSHIP 23S RANGE 27E NMPM



PURPOSE: One completed oil well capable of producing.

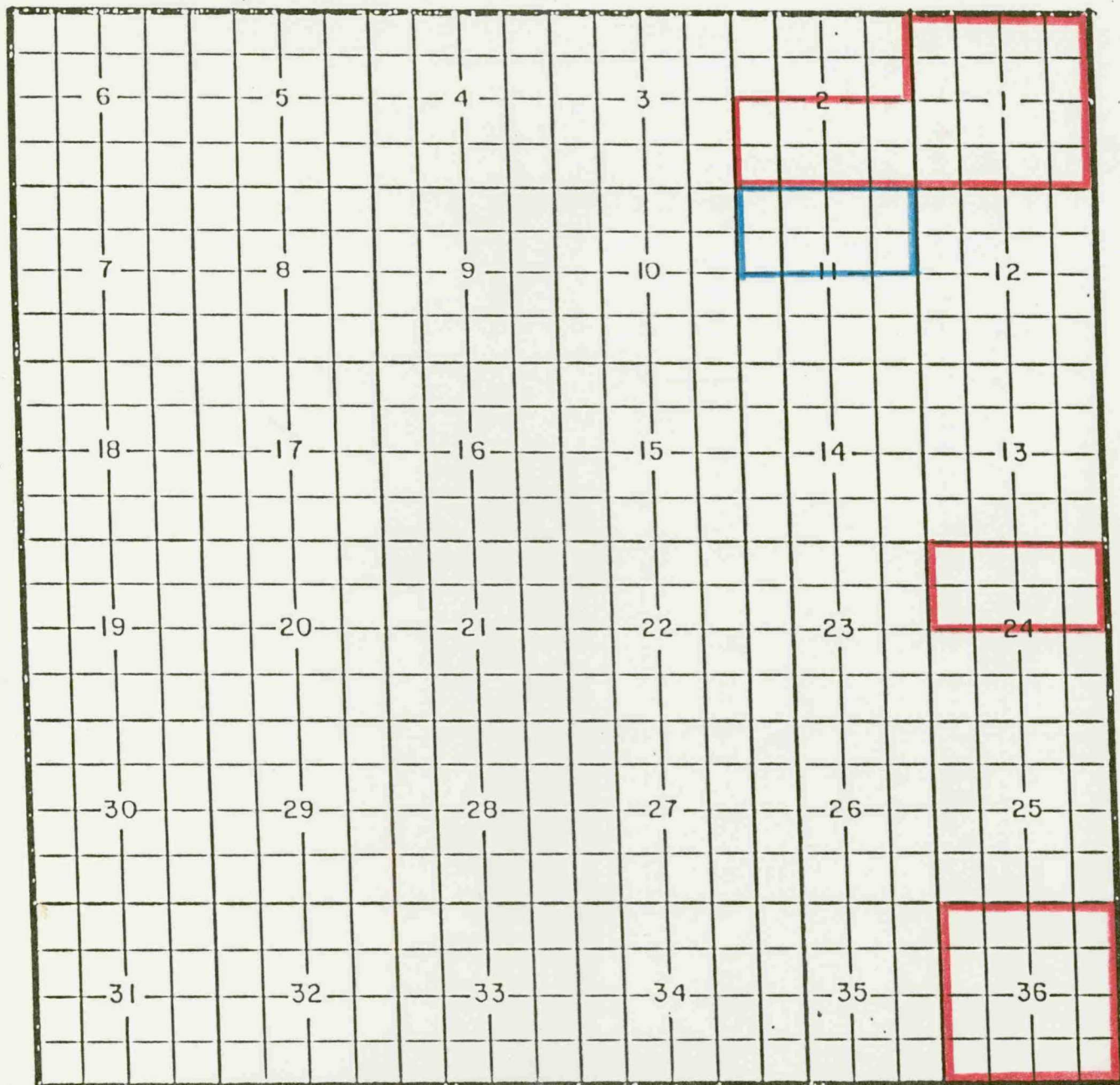
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-----------------|---------|-------|----------|--------|-----------|-------|
| U-Ritch Op. Co. | Vasquez | 1-D | 13-23-27 | 8-8-89 | Delaware | 2336' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 13: NW/4

TOWNSHIP 20S RANGE 24E NMPPM



PURPOSE: One completed gas well capable of producing.

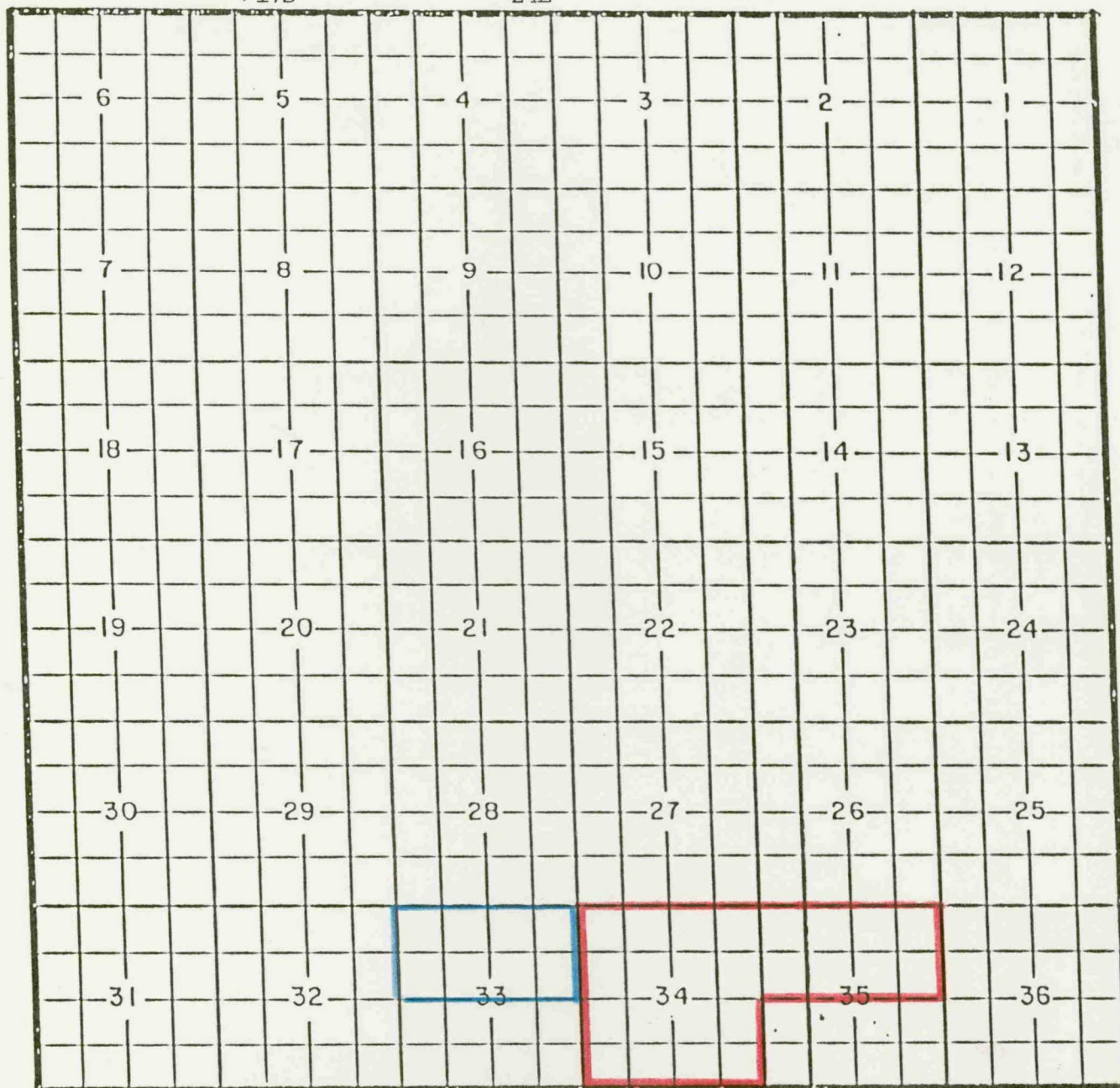
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|------------|-------|----------|---------|-----------|-------|
| Yates Pet. Corp. | Conoco AGK | 1-C | 11-20-24 | 8-11-89 | Morrow | 9180' |
| Federal Com | | | | | | |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 11: N/2

TOWNSHIP 17S RANGE 24E NMPM



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|--------------|-------|----------|---------|-----------|-------|
| Yates Pet. Corp. | Marathon AGI | 1-A | 33-17-24 | 4-27-89 | Wolfcamp | 4881' |
| State | | | | | | |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 33: N/2

COUNTY EDDY

POOL NORTH DAGGER DRAW-UPPER PENN POOL

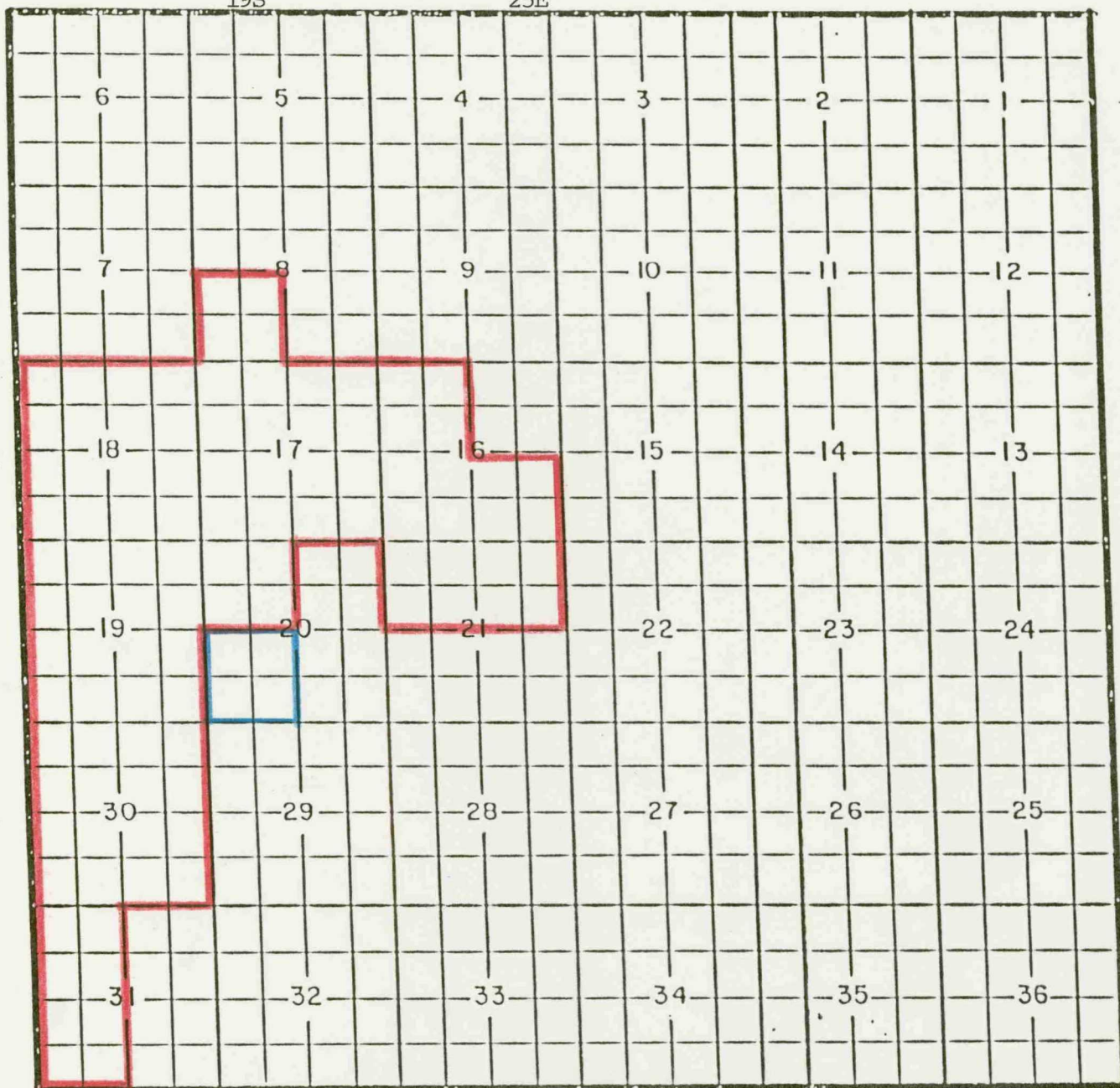
TOWNSHIP

19S

RANGE

25E

NMPM



PURPOSE: One completed oil well capable of producing.

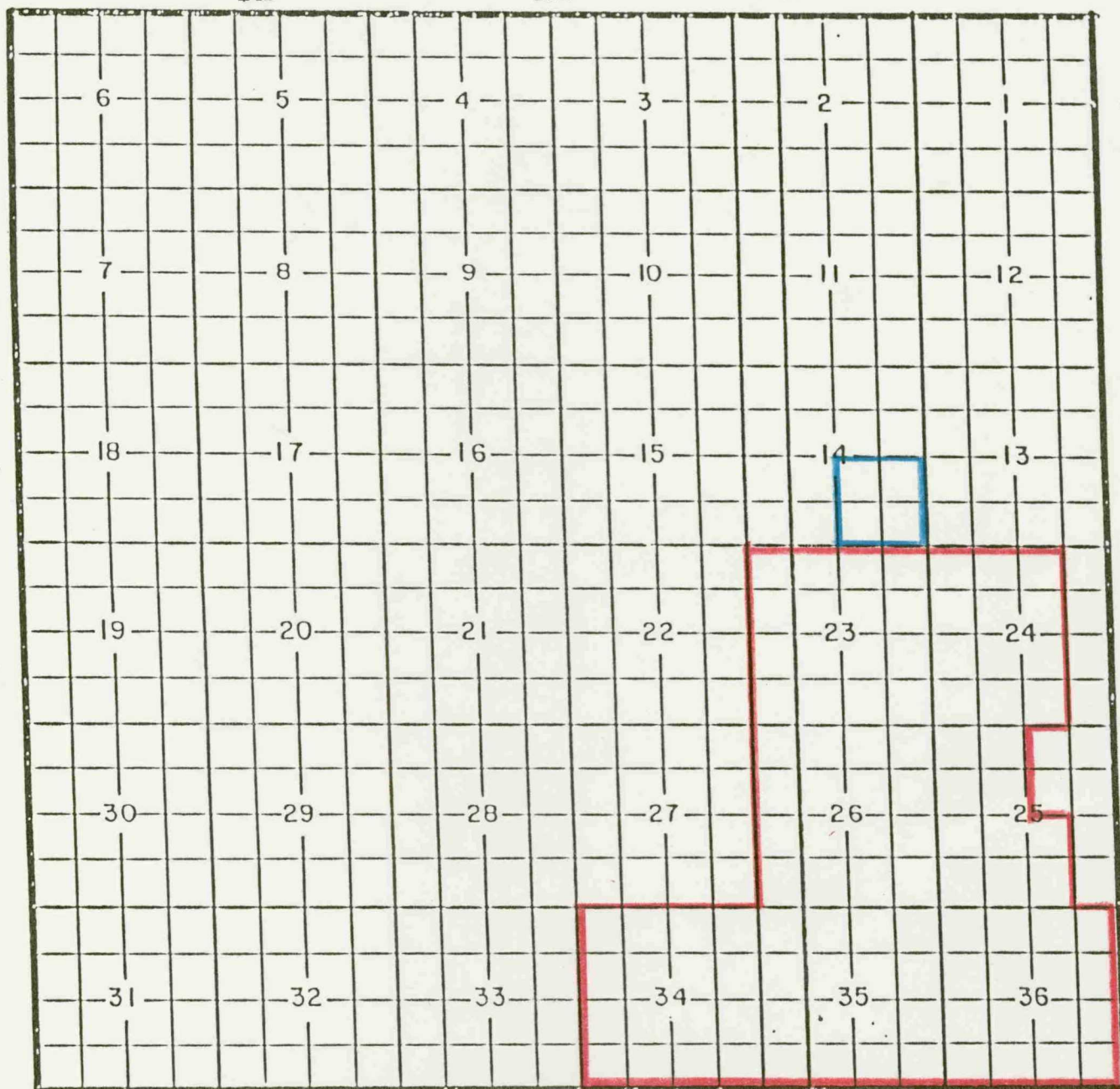
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-----------------|---------|-------|----------|----------|-----------|-------|
| Yates Pet. Corp | Ross EG | 1-K | 20-19-25 | 10-13-89 | Canyon | 7798' |
| Federal Com | | | | | | |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 20: SW/4

TOWNSHIP 14S RANGE 29E NMPM



PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-------------------|------------|-------|----------|--------|-----------|-------|
| Collins Oil & Gas | Gulf State | 1-0 | 14-14-29 | 9-2-89 | Queen | 1812' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 14: SE/4

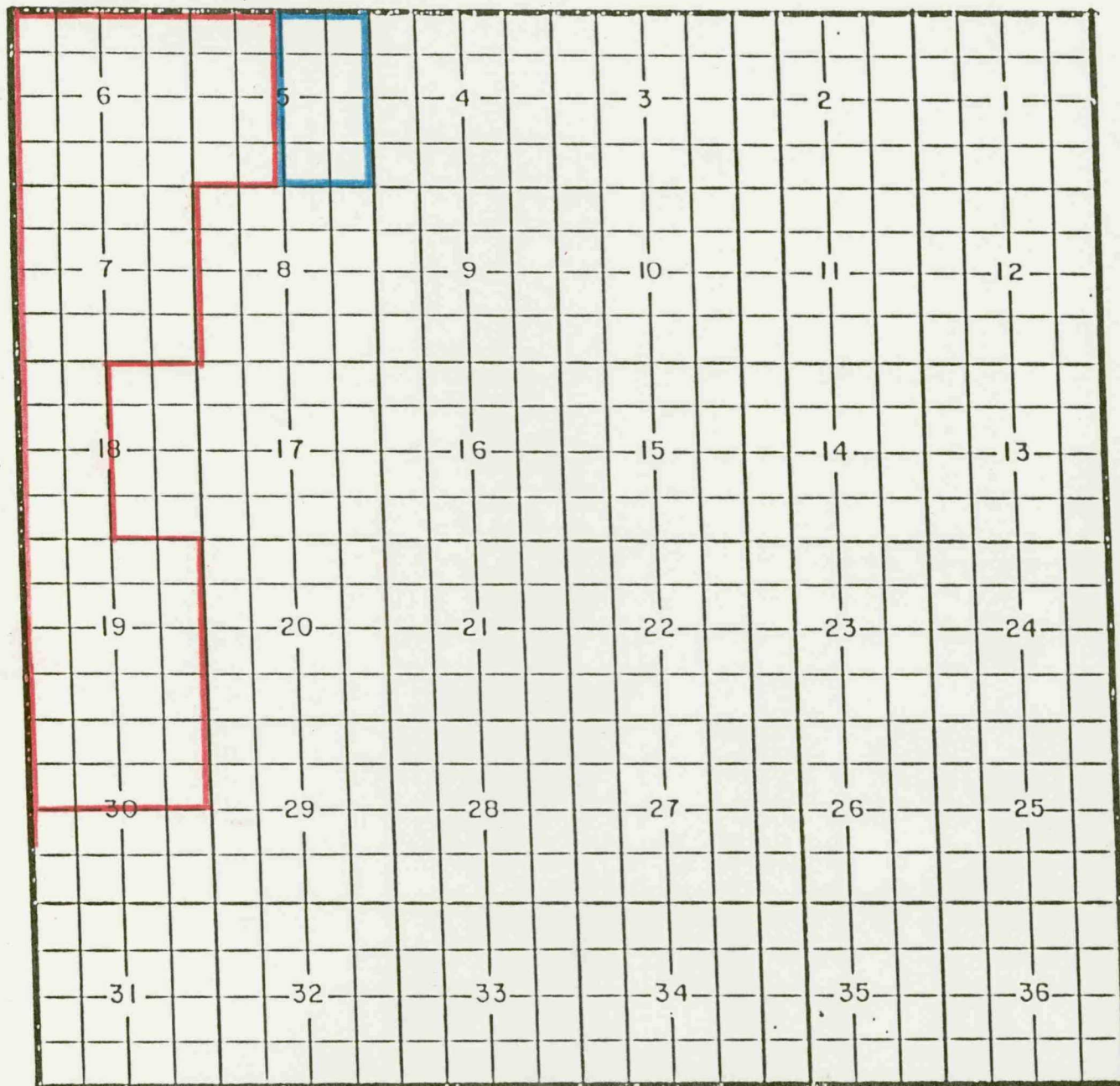
COUNTY CHAVES

POOL FOOR RANCH-PRE PERMIAN GAS POOL

TOWNSHIP 9S

RANGE 27E

NMPM



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|------------------|-------|--------|--------|-----------|-------|
| Carl Schellinger | Campbell Station | 6-I | 5-9-27 | 7-6-89 | Penn | 6311' |
| Unit | | | | | | |

Pool Boundary outlined in red.

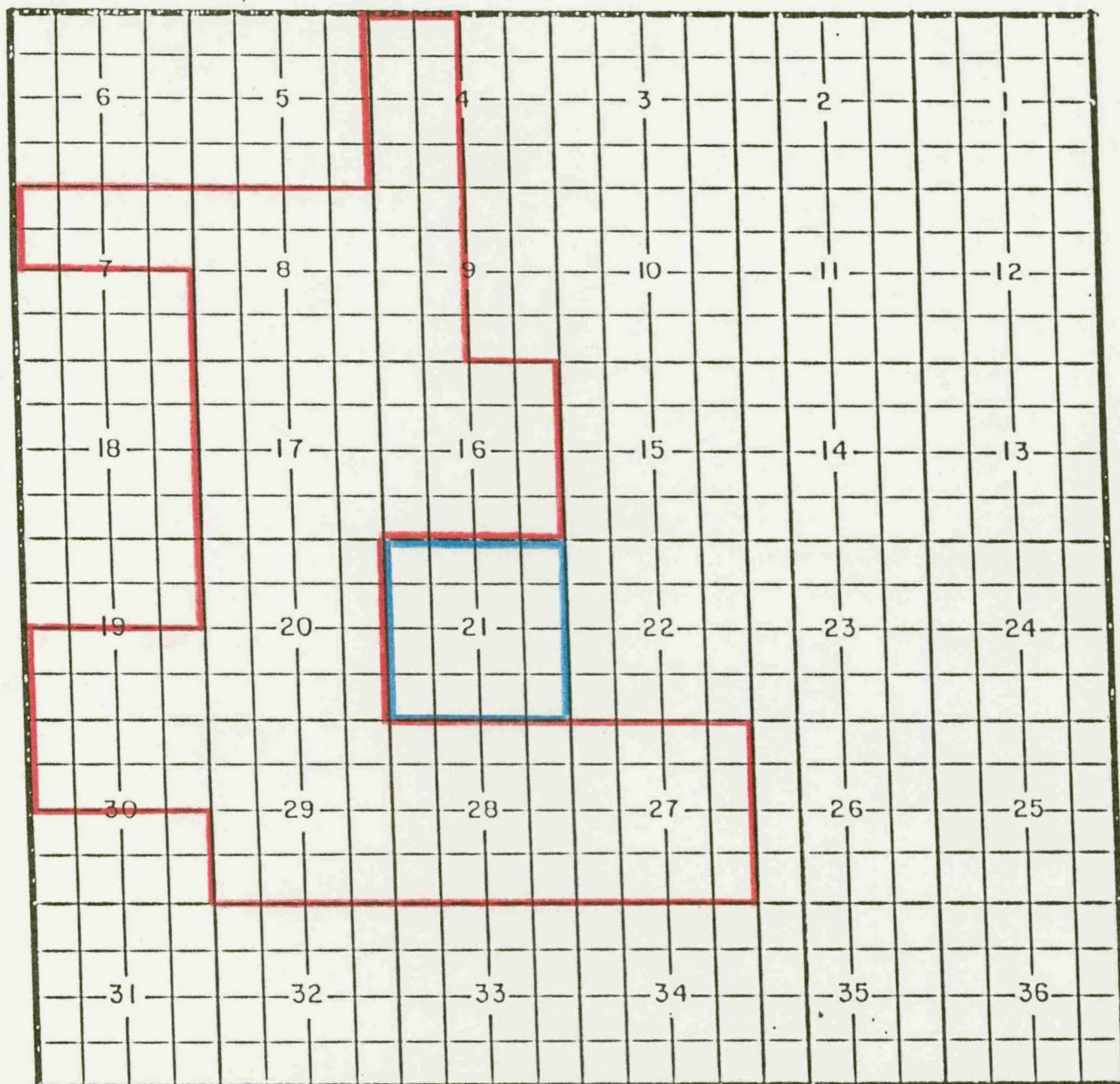
Proposed extension outlined in blue.

Section 5: E/2

TOWNSHIP 22S

RANGE 26E

NMPM



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|---------------|-------|----------|--------|-----------|---------|
| Chevron USA Inc. | Lee K Federal | 1-J | 21-22-26 | 8-2-89 | Morrow | 11,487' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 21: All

COUNTY

EDDY

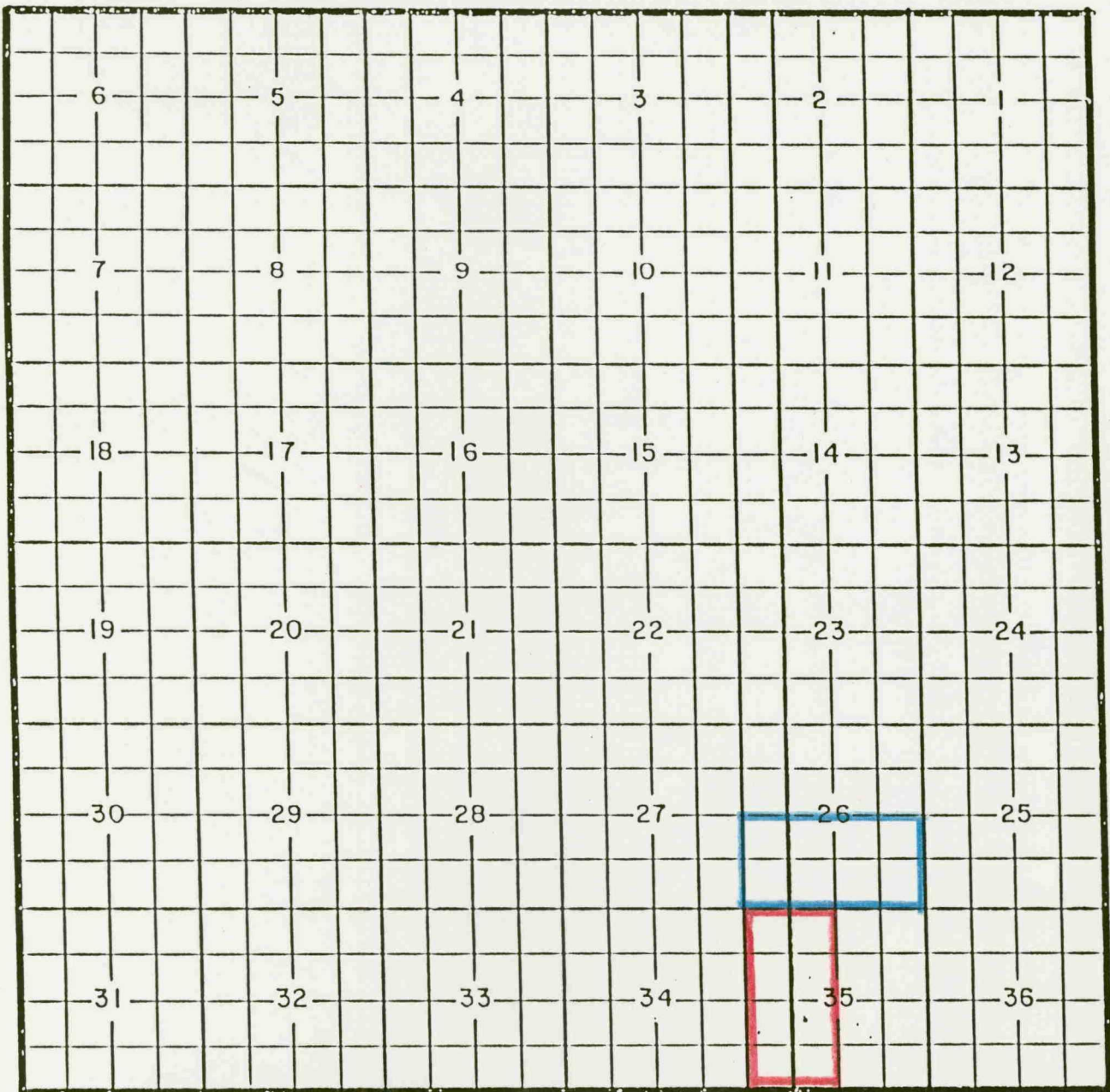
POOL

EAST HESS-MORROW GAS POOL

TOWNSHIP 23S

RANGE 23E

NMPM



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|--------------------|-----------------------|-------|----------|--------|-----------|---------|
| Yates Energy Corp. | Lonesome Dove Federal | 1-N | 26-23-23 | 7-5-89 | Morrow | 10,137' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 26: S/2

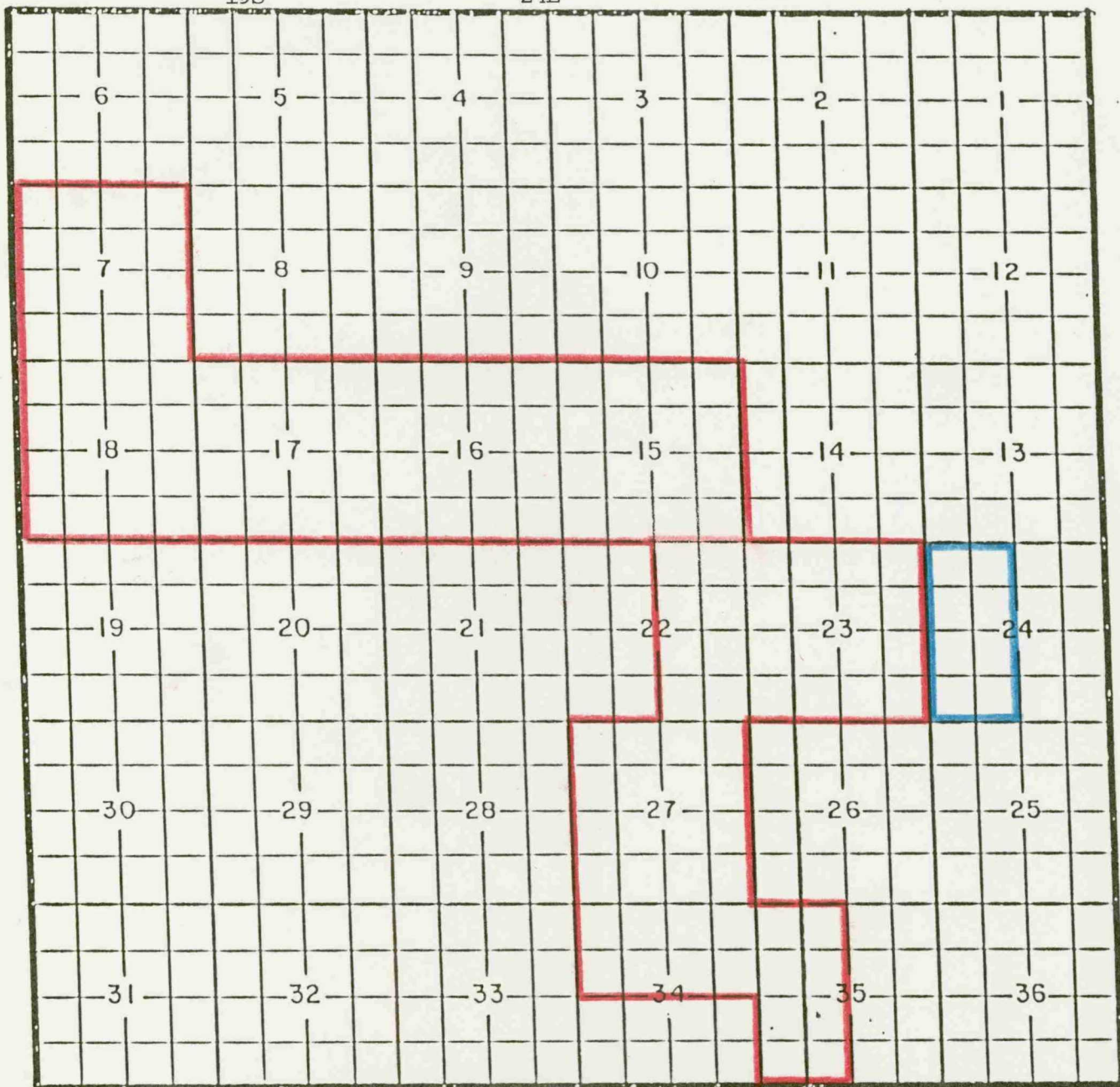
COUNTY EDDY

POOL HOAG TANK-MORROW GAS POOL

TOWNSHIP 19S

RANGE 24E

NMPM



PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|-------------|-------|----------|--------|-----------|-------|
| Yates Pet. Corp. | Roden GD | 3-F | 24-19-24 | 7-5-89 | Morrow | 8897' |
| | Federal Com | | | | | |

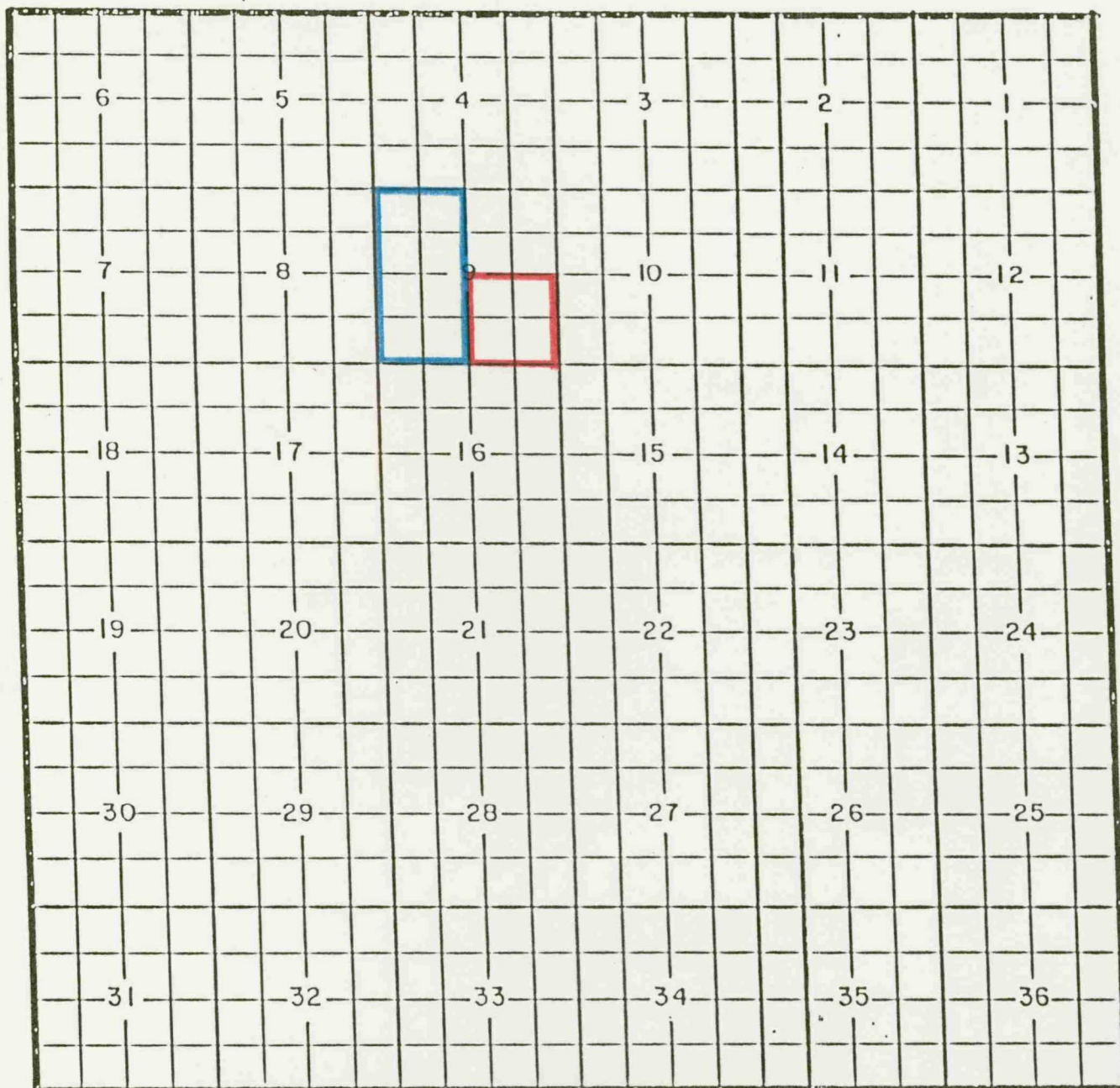
Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 24: W/2

COUNTY CHAVES POOL NORTH KING CAMP-DEVONIAN POOL

TOWNSHIP 14S RANGE 29E NMPM



PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-------------------|--------|-------|---------|--------|-----------|-------|
| Stevens Op. Corp. | Deemar | 1-K | 9-14-29 | 8-4-89 | Devonian | 9718' |

Pool Boundary outlined in red.

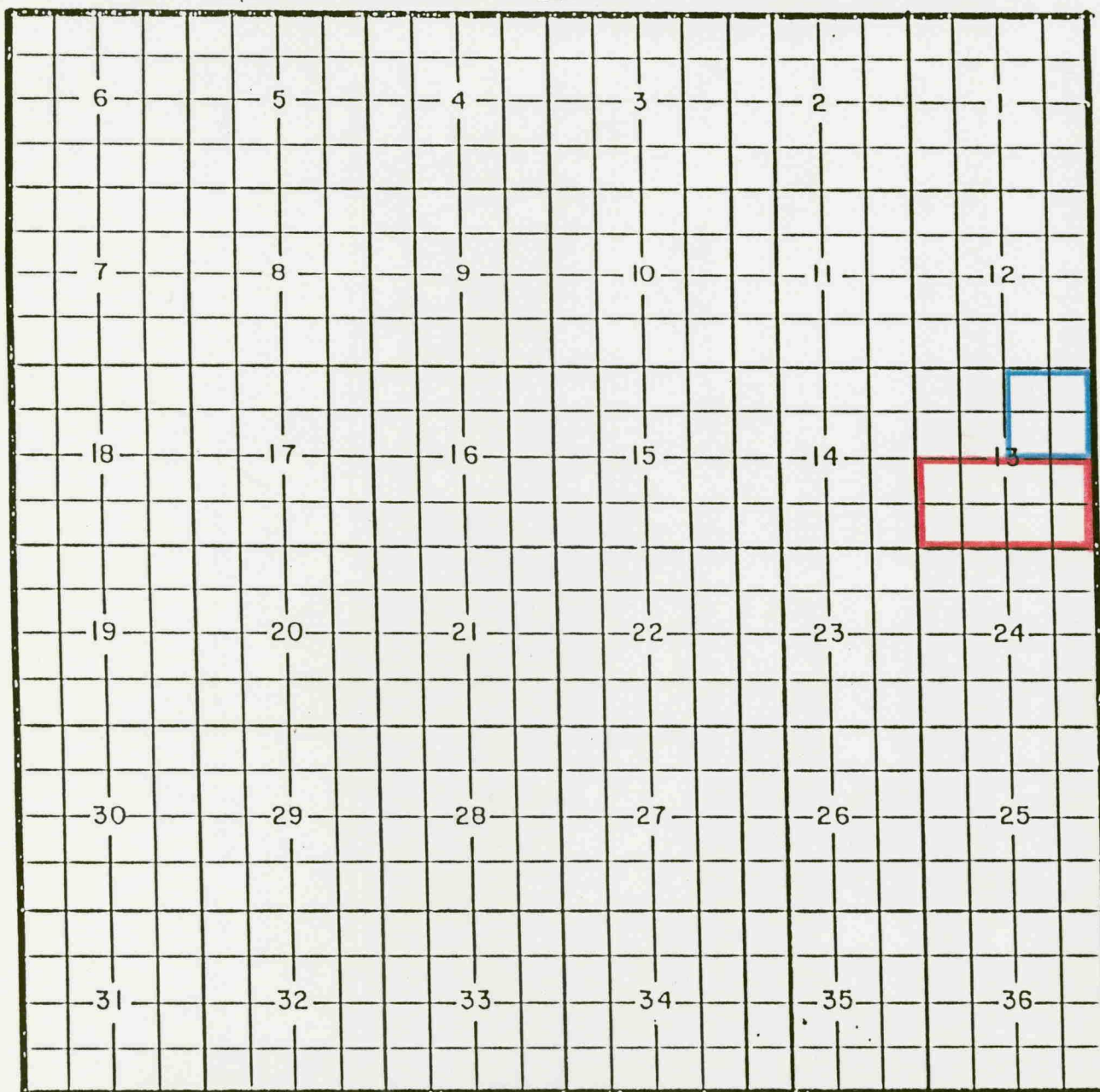
Proposed extension outlined in blue.

Section 9: W/2

TOWNSHIP 22S

RANGE 31E

NMPM



PURPOSE: One completed oil well capable of producing.

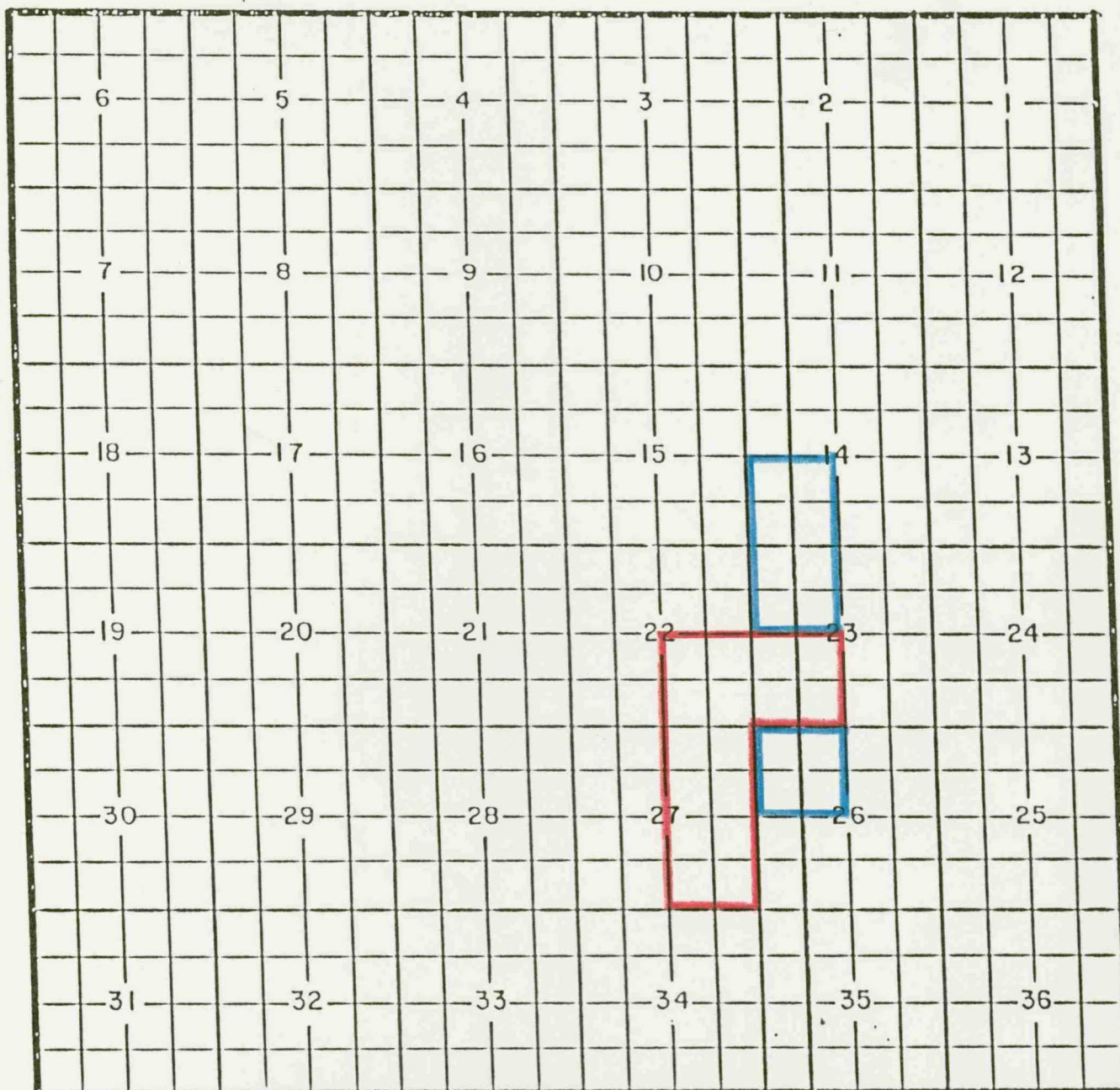
| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-------------------|--------------|-------|----------|---------|-----------|-------|
| Texaco Prod. Inc. | Neff 13 Fed. | 2-H | 13-22-31 | 10-7-89 | Delaware | 7126' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 13: NE/4

TOWNSHIP 23S RANGE 28E NMPM



PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------------------|----------------------------|-------|----------|---------|-----------|-------|
| Parker & Parsley Pet. Co. | Pardue Farms 26 Btry. 3 | 3-F | 26-23-28 | 9-21-89 | Delaware | 5908' |
| Bird Creek Resources | RGA | 1-K | 14-23-28 | 8-18-89 | Delaware | 6080' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 26: NW/4

Section 23: NW/4

Section 14: SW/4

COUNTY EDDY

POOL

SOUTHEAST LOVING-ATOKA GAS POOL

TOWNSHIP

24S

RANGE

27E

NMPM

| | | | | | |
|----|----|----|----|----|----|
| 6 | 5 | 4 | 3 | 2 | |
| 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.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-----------------|--------------|-------|----------|--------|-----------|---------|
| Amoco Prod. Co. | State MS Gas | 1-C | 12-24-27 | 9-7-89 | Atoka | 11,308' |
| | Com | | | | | |

Pool Boundary outlined in red.

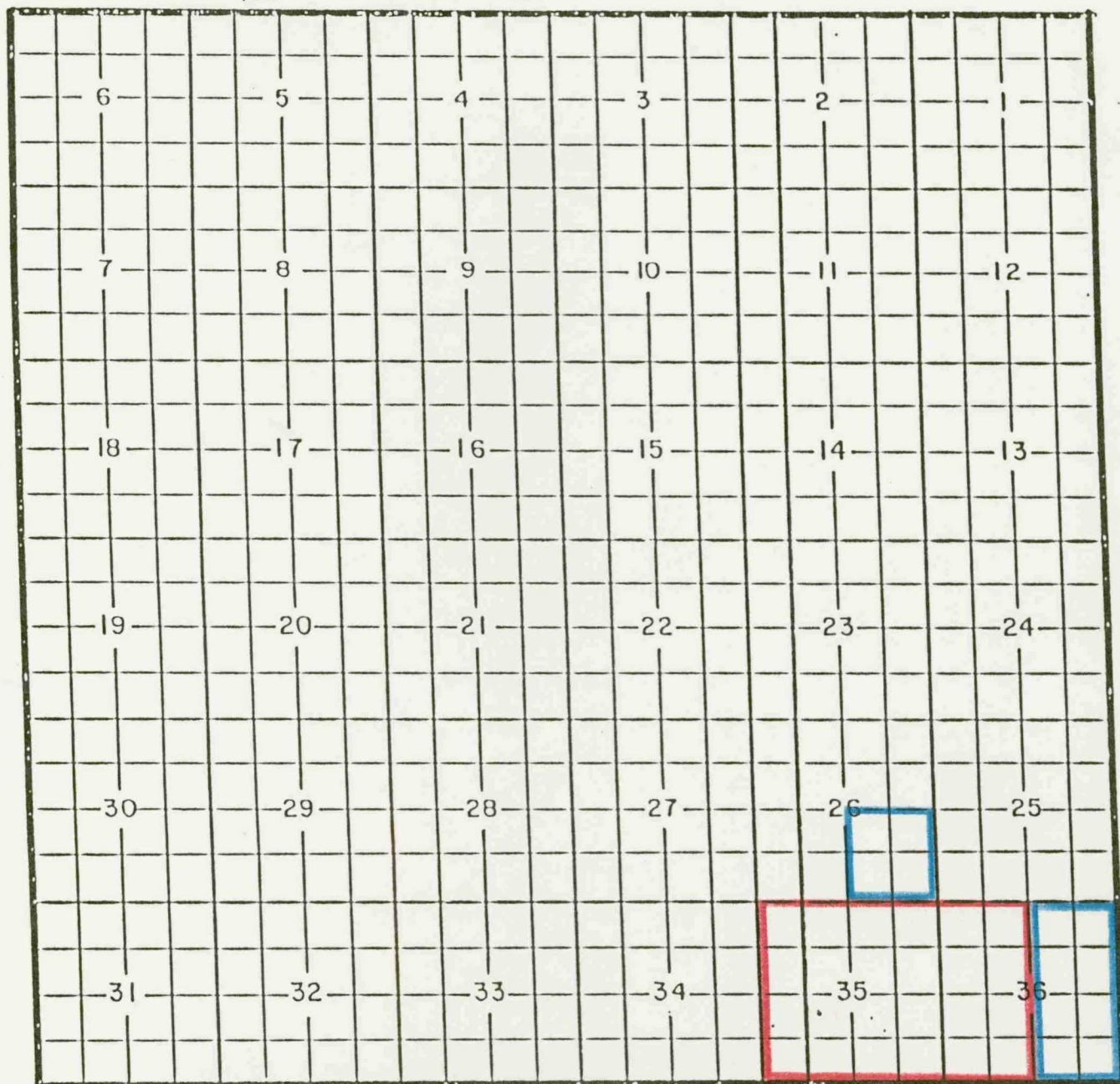
Proposed extension outlined in blue.

Section 12: N/2

Section 1: E/2

COUNTY EDDY POOL PARKWAY-DELAWARE POOL

TOWNSHIP 19S RANGE 29E NMPM



PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|--------------|-------|----------|---------|-----------|-------|
| Strata Prod. Co. | Halcon State | 2-0 | 26-19-29 | 8-15-89 | Delaware | 4244' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 26: SE/4

Section 36: E/2

COUNTY EDDY POOL PARKWAY-DELAWARE POOL

TOWNSHIP 19S RANGE 30E 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.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|-----------------|---------------|-------|----------|---------|-----------|-------|
| Fred Pool Drlg. | Ronadero Fed. | 1-L | 31-19-30 | 9-14-89 | Delaware | 3789' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 31: SW/4

COUNTY EDDY

POOL PENASCO DRAW-PERMO PENN GAS POOL

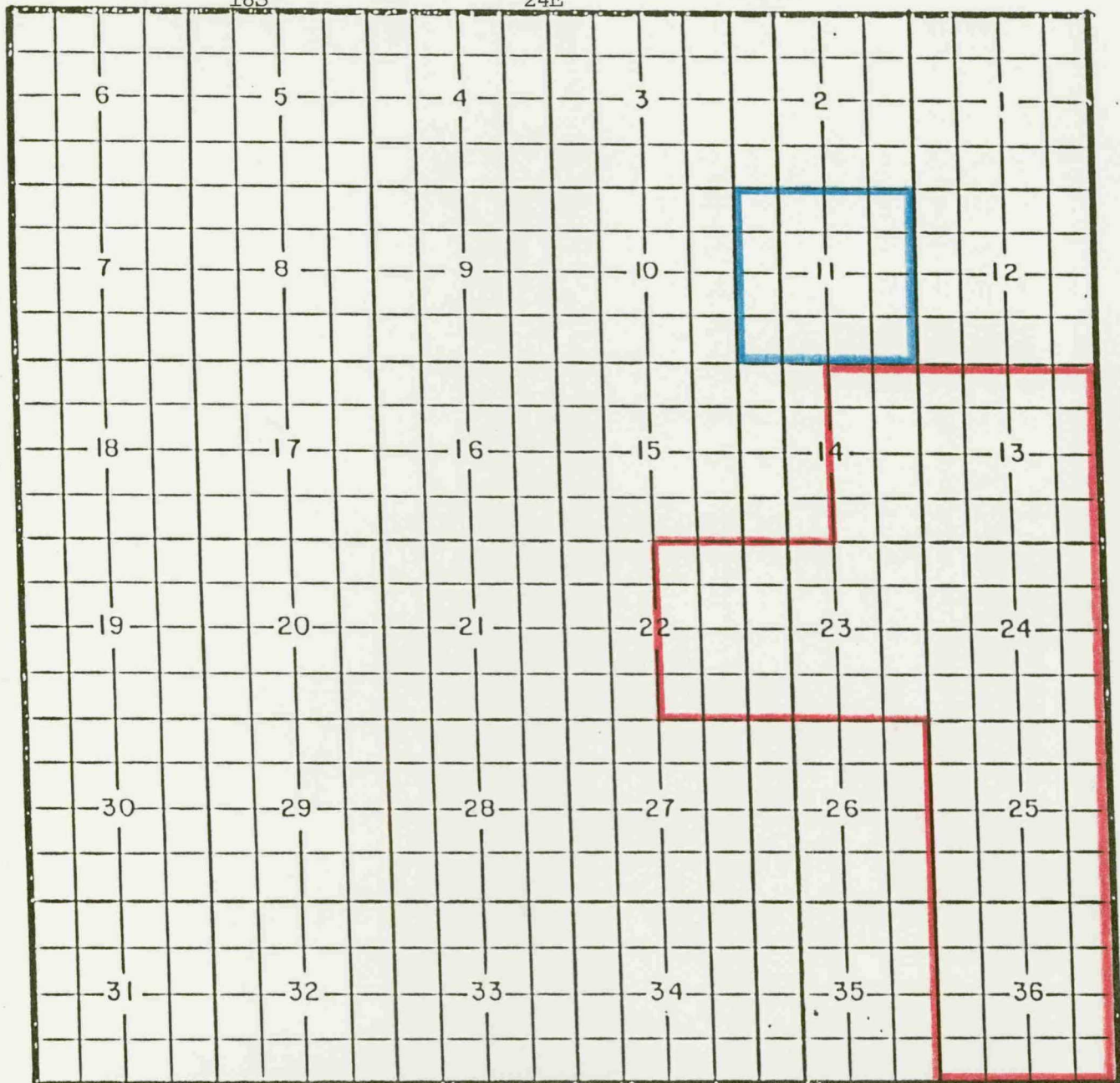
TOWNSHIP

18S

RANGE

24E

NMPM



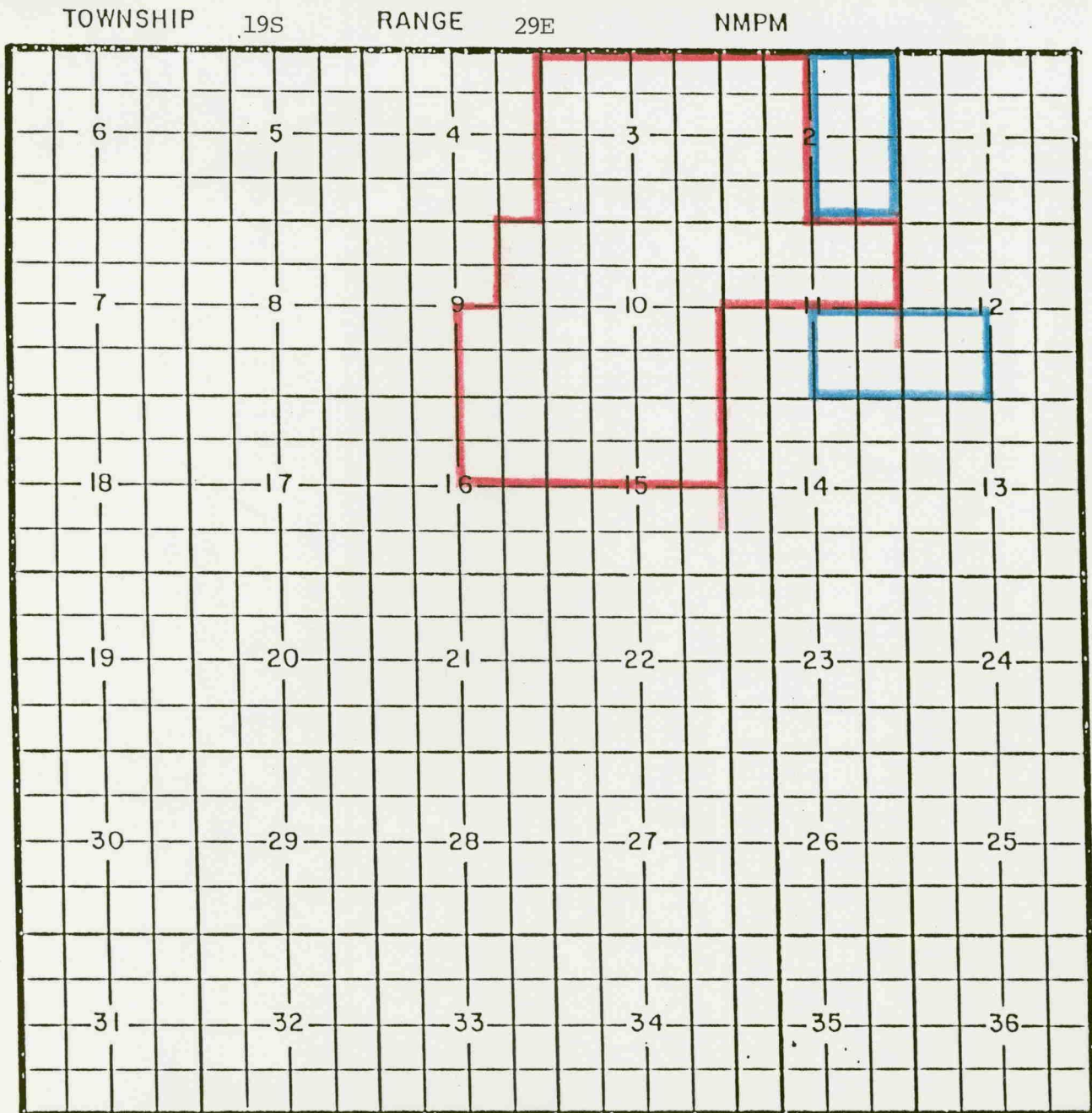
PURPOSE: One completed gas well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|-------------|-------|----------|---------|-----------|-------|
| Yates Pet. Corp. | Laney AGJ | 1-F | 11-18-24 | 8-21-89 | Wolfcamp | 5021' |
| | Federal Com | | | | | |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 11: All



PURPOSE: One completed oil well capable of producing.

| OPERATOR | LEASE | #-UT. | S-T-R | COMP. | FORMATION | TOP |
|------------------|---------------------|----------|---------|----------------|-----------|-------|
| John Schoonmaker | Schoonmaker St. 4-L | 12-19-29 | 7-30-89 | Queen-Grayburg | 2305' | |
| Fred Pool Drlg. | PJ A State | 17-0 | 2-19-29 | 8- 5-89 | Queen | 2257' |

Pool Boundary outlined in red.

Proposed extension outlined in blue.

Section 12: SW/4

Section 11: SE/4

Section 2: E/2