

Examiner _____

Case No. 8670

EXHIBIT NO. 1

NEW POOLS

It is recommended that a new oil pool be created and designated as the NORTHEAST EIDSON MISSISSIPPIAN 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 Mesa Petroleum Company Townsend State Com Well #1 located in Unit J Section 3 Township 16 Range 35 and was completed on 4/17/85. Top of perforations is at 12,208 feet.

It is recommended that a new oil pool be created and designated as the EAST FOWLER ELLENBURGER Pool.

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

Discovery well was Amoco Production Co. State MP Well #1 located in Unit D Section 17 Township 24 Range 38 and was completed on 3/13/35. Top of perforations is at 11,640 feet.

It is recommended that a new oil pool be created and designated as the SOUTHEAST KNOWLES WOLFCAMP Pool.

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

Discovery well was ARCO Oil & Gas Company Emma Lawrence Well #1 located in Unit I Section 23 Township 17 Range 38 and was completed on 5/15/85. Top of perforations is at 9,722 feet.

NEW POOLS

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

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

Discovery well was Spence Energy Company State 14 Well #1 located in Unit M Section 14 Township 9 Range 32 and was completed on 4/28/85. Top of perforations is at 10,030 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.

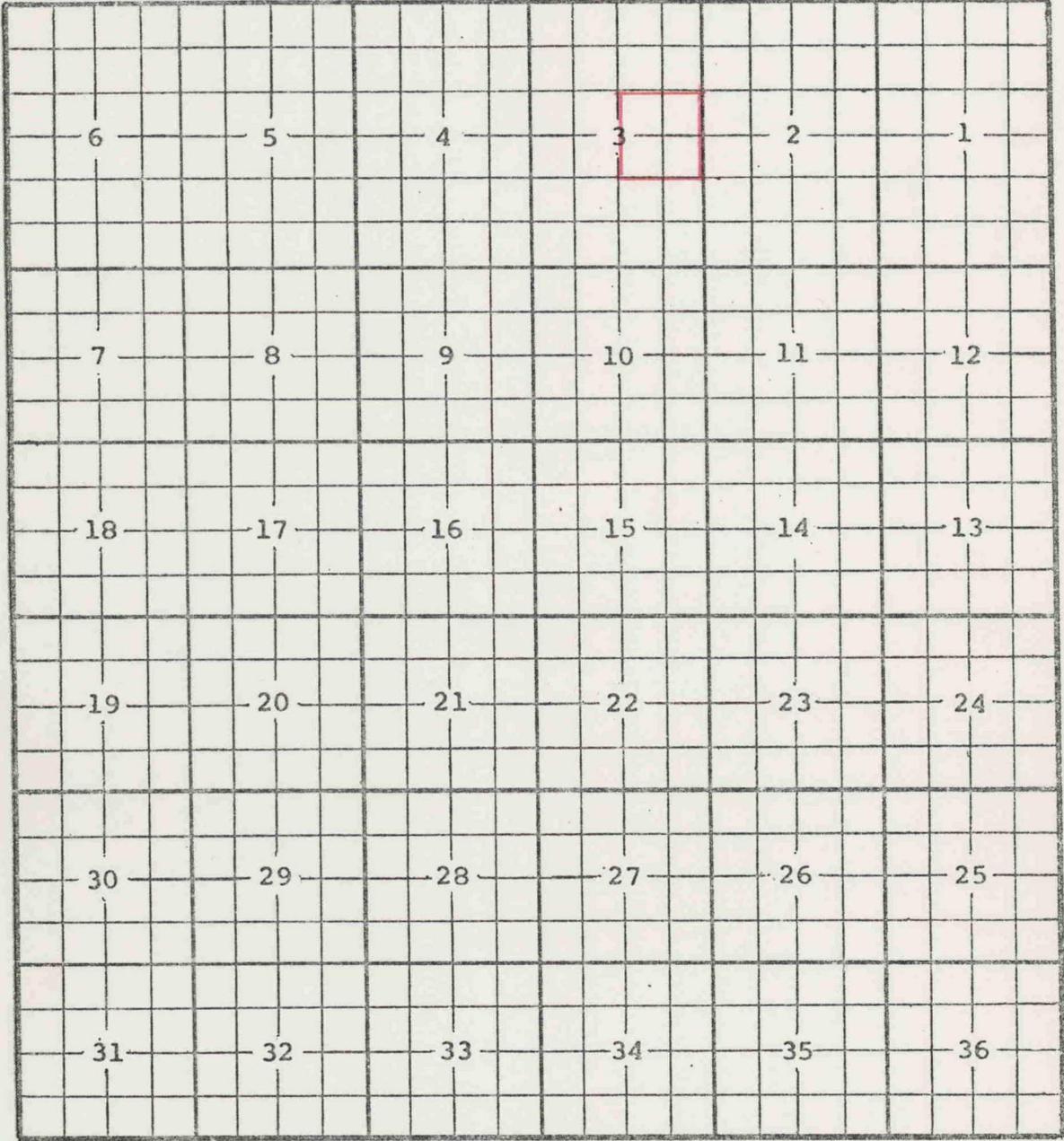
It is recommended that a new _____ pool be created and designated as the _____ Pool.

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 NORTHEAST EIDSON-MISSISSIPPIAN

TOWNSHIP 16 South RANGE 35 East NMPM



PURPOSE: One complete oil well capable of producing.

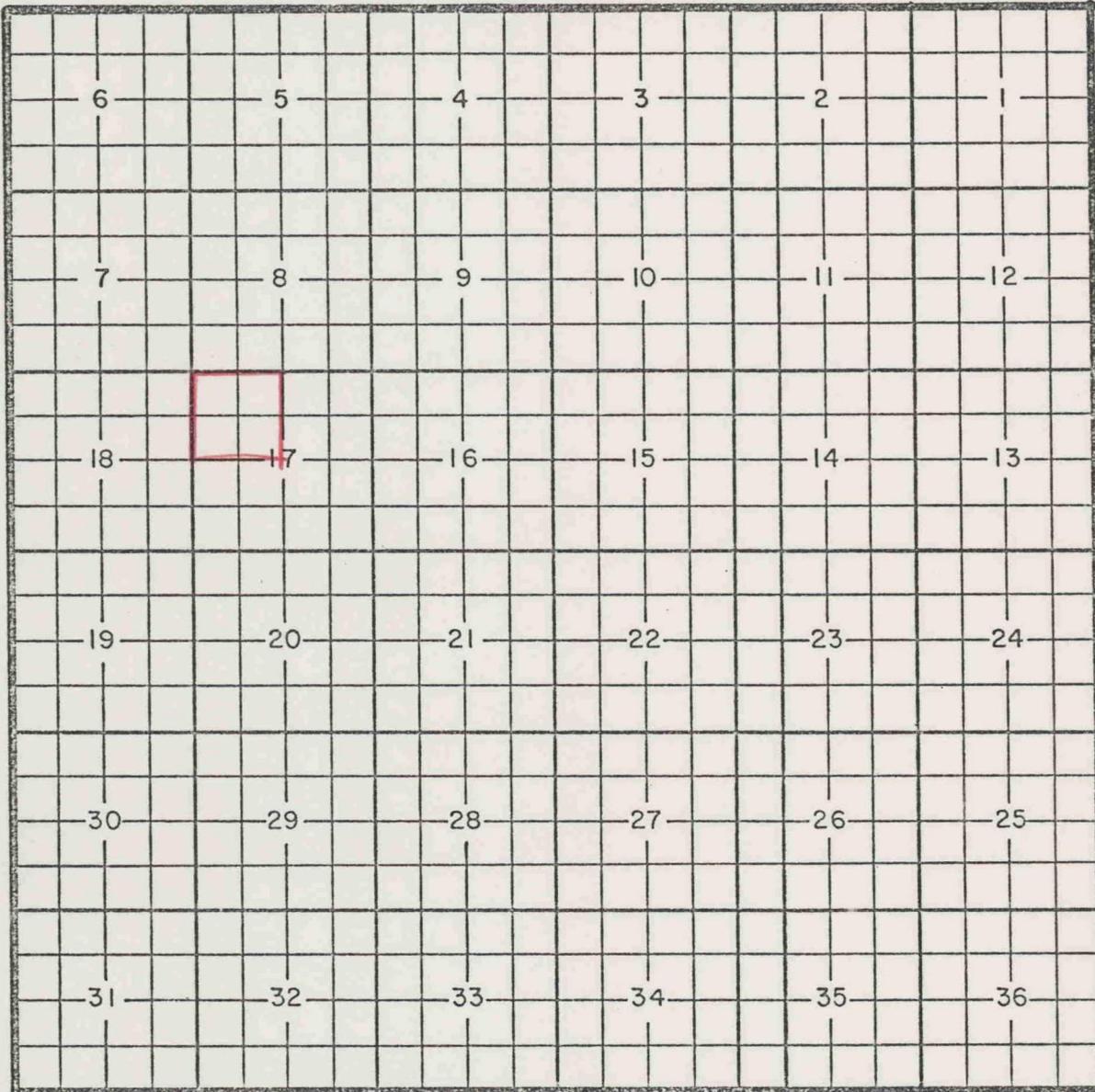
DISCOVERY WELL: Mesa Petroleum Co., Townsend State Com #1-J in Sec. 3, T16S, R35E, completed 4/17/85 in the Mississippian formation.

Top Perf. 12,208 Feet.

Proposed pool boundary outlined in red. Section 3; Lots 9, 10, 15, & 16

COUNTY LEA POOL EAST FOWLER-ELLENBURGER

TOWNSHIP 24 South RANGE 38 East NMPM



PURPOSE: One complete oil well capanble of producing.

DISCOVERY WELL: Amoco Production Co. State MP #1-D in Sec. 17, T24S, R38E, completed 3/13/85 in the Ellenburger formation. Top Perf. 11,640 Feet.

Proposed pool boundary outlined in red. Section 17: NW/4

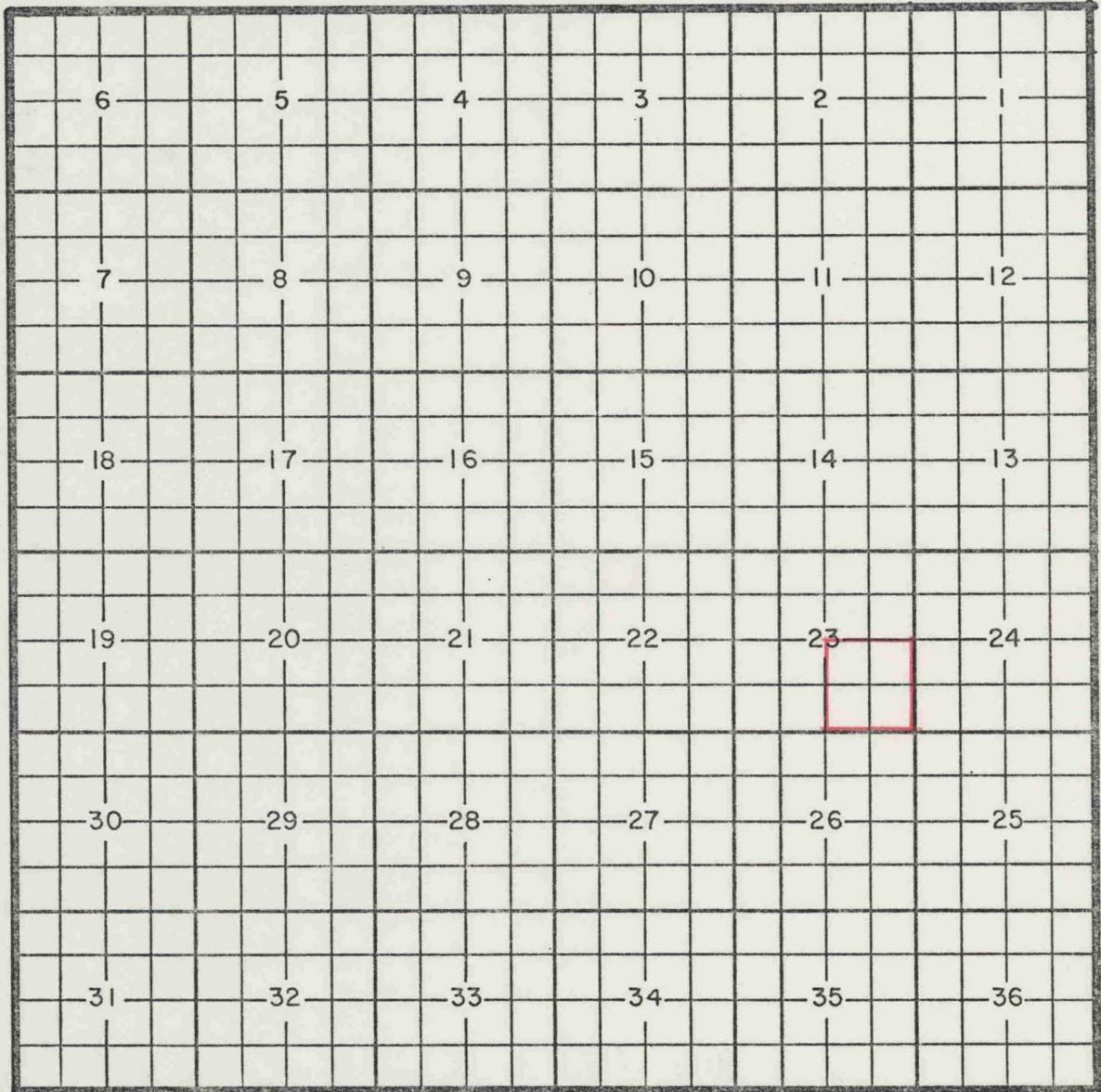
COUNTY LEA

POOL SOUTHEAST KNOWLES-WOLFCAMP

TOWNSHIP 17 South

RANGE 38 East

NMPM



PURPOSE: One completed oil well capable of producing.

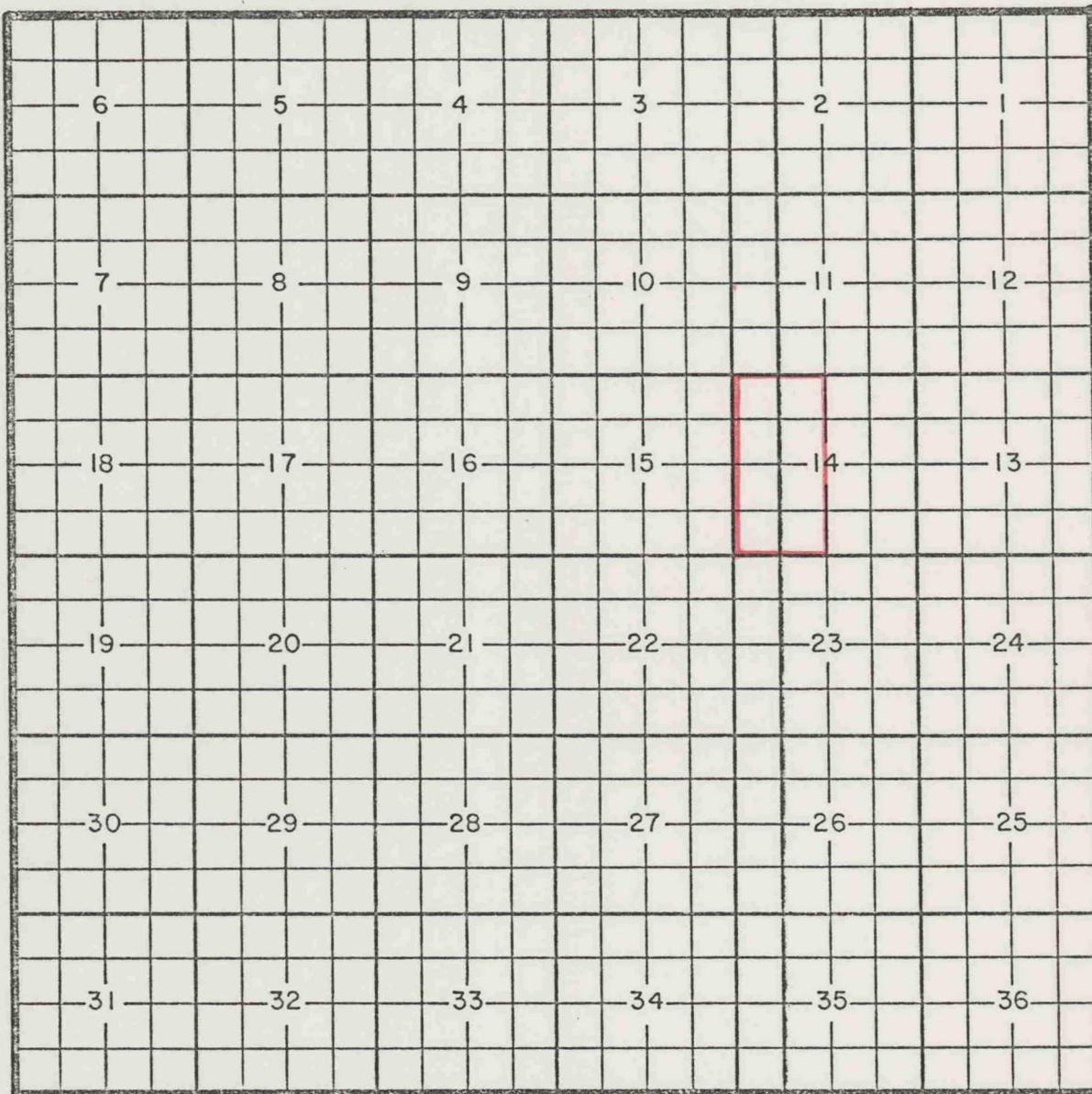
DISCOVERY WELL: ARCO Oil & Gas Company Emma Lawrence #1-I in Sec. 23,

T17S, R38E, completed 5/15/85 in the Wolfcamp formation. Top Perf. 9722 Ft.

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

COUNTY LEA POOL SRR-MORROW GAS POOL

TOWNSHIP 9 South RANGE 32 East NMPM



PURPOSE: One complete gas well capable of producing.

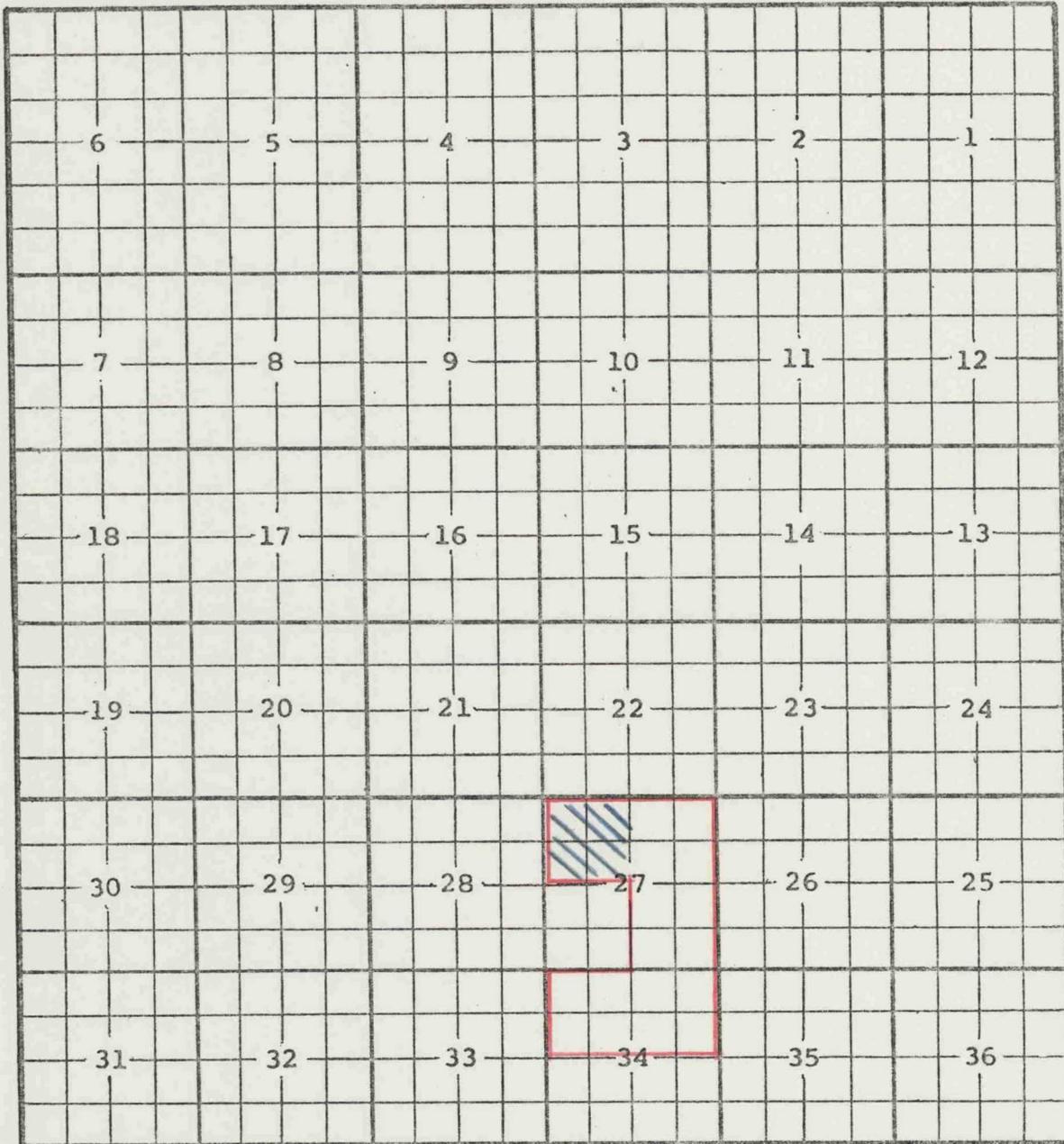
DISCOVERY WELL: Spence Energy Company State 14 #1-M in Sec. 14, T9S,R32E, completed 4/28/85 in the Morrow formation. Top Perf. 10,030 Feet

Proposed pool boundary outlined in red. Section 14: W/2

TOWNSHIP 16 South

RANGE 37 East

NMPM

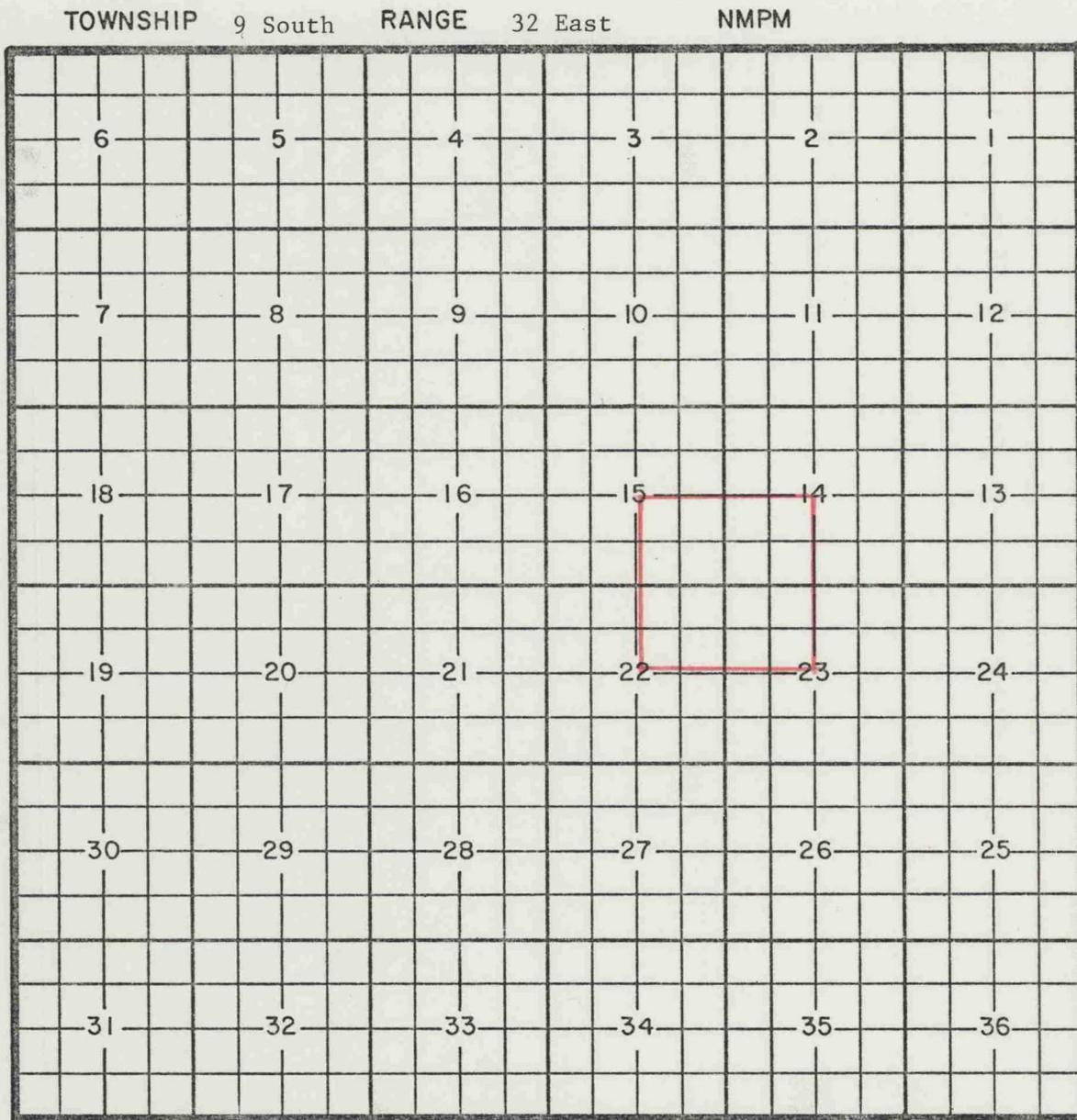


PURPOSE: Delete NW/4 from Casey Strawn Pool and extend deleted acreage to the Northeast Lovington Pennsylvanian Pool due to Recompletion of Yates Petroleum Corp., Shipp ZI #1-C in Sec. 26, T16S, R37E, in the Upper Penn formation.

Pool boundary outlined in red.

Proposed deletion hachured in blue. Section 27: NW/4

COUNTY LEA POOL SRR-PENNSYLVANIAN --redesignate to:
SRR-UPPER PENNSYLVANIAN



PURPOSE: Delete the Morrow formation from pool in order to separate gas producing zones from oil producing zones and redesignate pool as the SRR-Upper Pennsylvanian Pool.

Pool boundary outlined in red. Section 14: SW/4
Section 15: SE/4
Section 22: NE/4
Section 23: NW/4

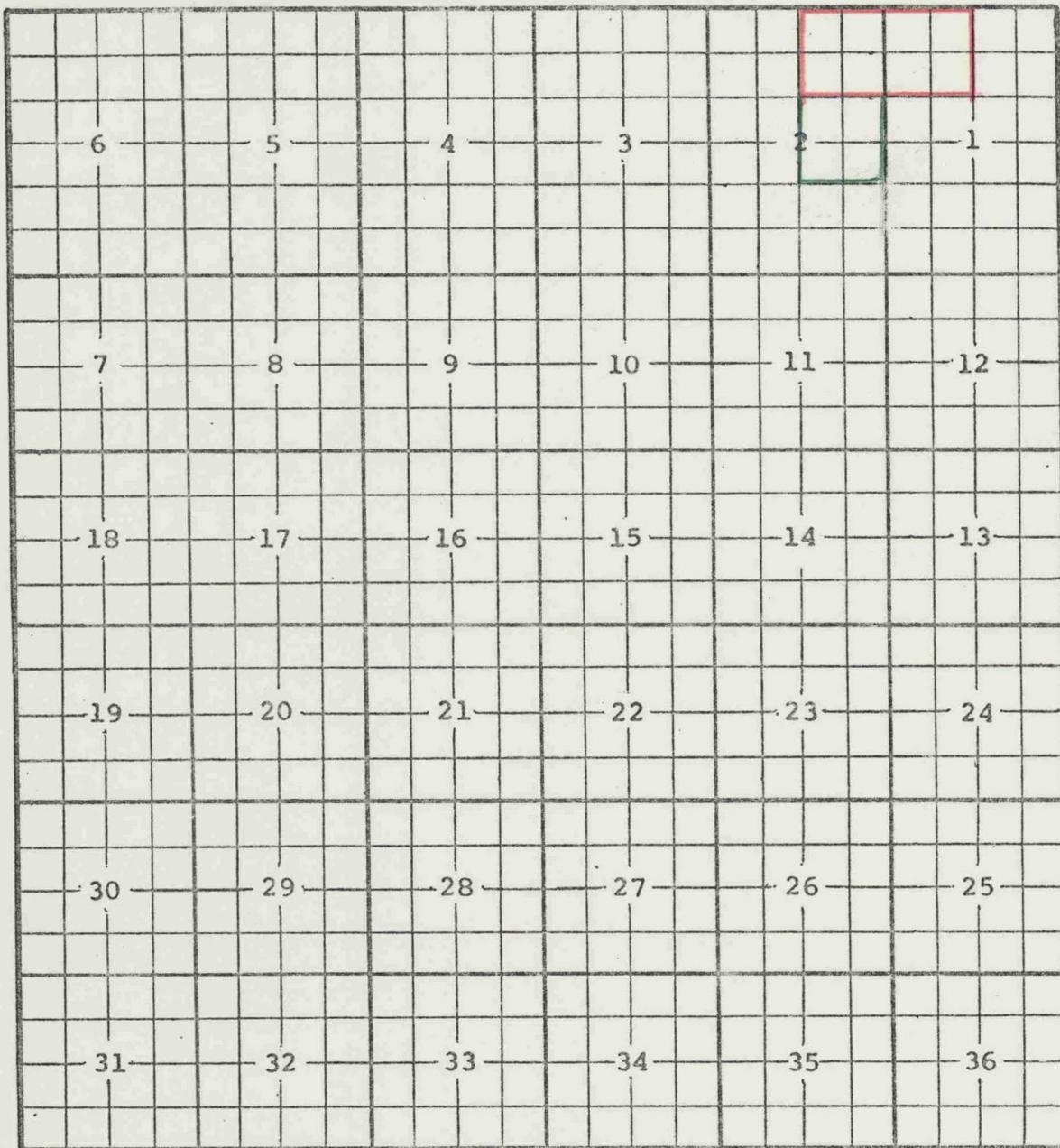
COUNTY LEA

POOL NORTH ANDERSON RANCH-CISCO CANYON

TOWNSHIP 16 South

RANGE 32 East

NMPM

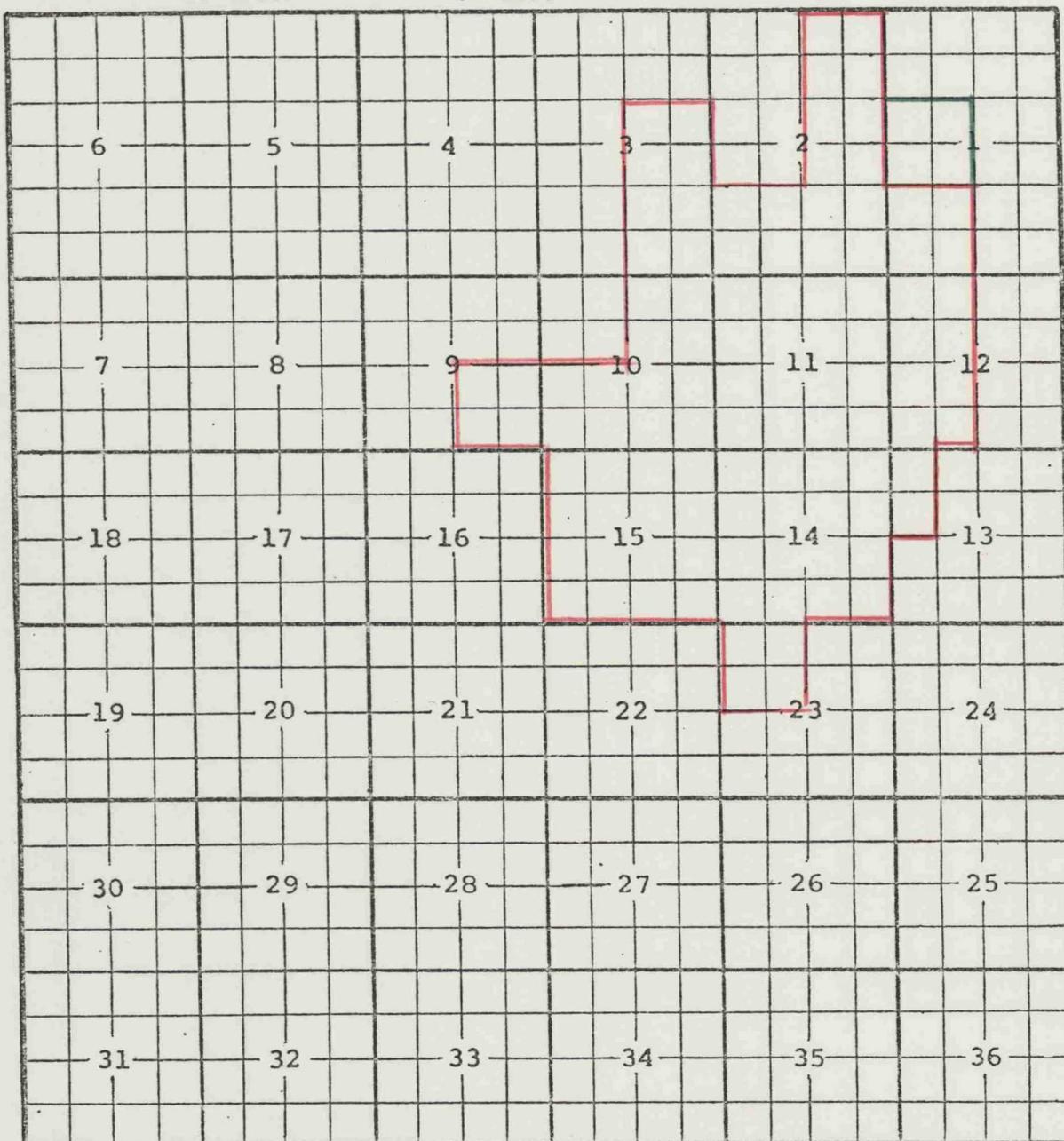


PURPOSE: One complete oil well capable of producing.

Sun Exploration & Production Co. State Land 76 #5-J in Sec. 2, T16S, R32E, completed 5/25/85 in the Canyon formation. Top Perf. 10,484 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 2: Lots 9, 10, 15, and 16



PURPOSE: One completed oil well capable of producing Gulf Oil Corporation Lea "CL" State (NCT-B) #1-L in Sec. 1, T16S, R32E, completed 4/10/85 in the Wolfcamp formation. Top Perf 9527 Feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. Section 1: Lots 11, 12, 13, 14

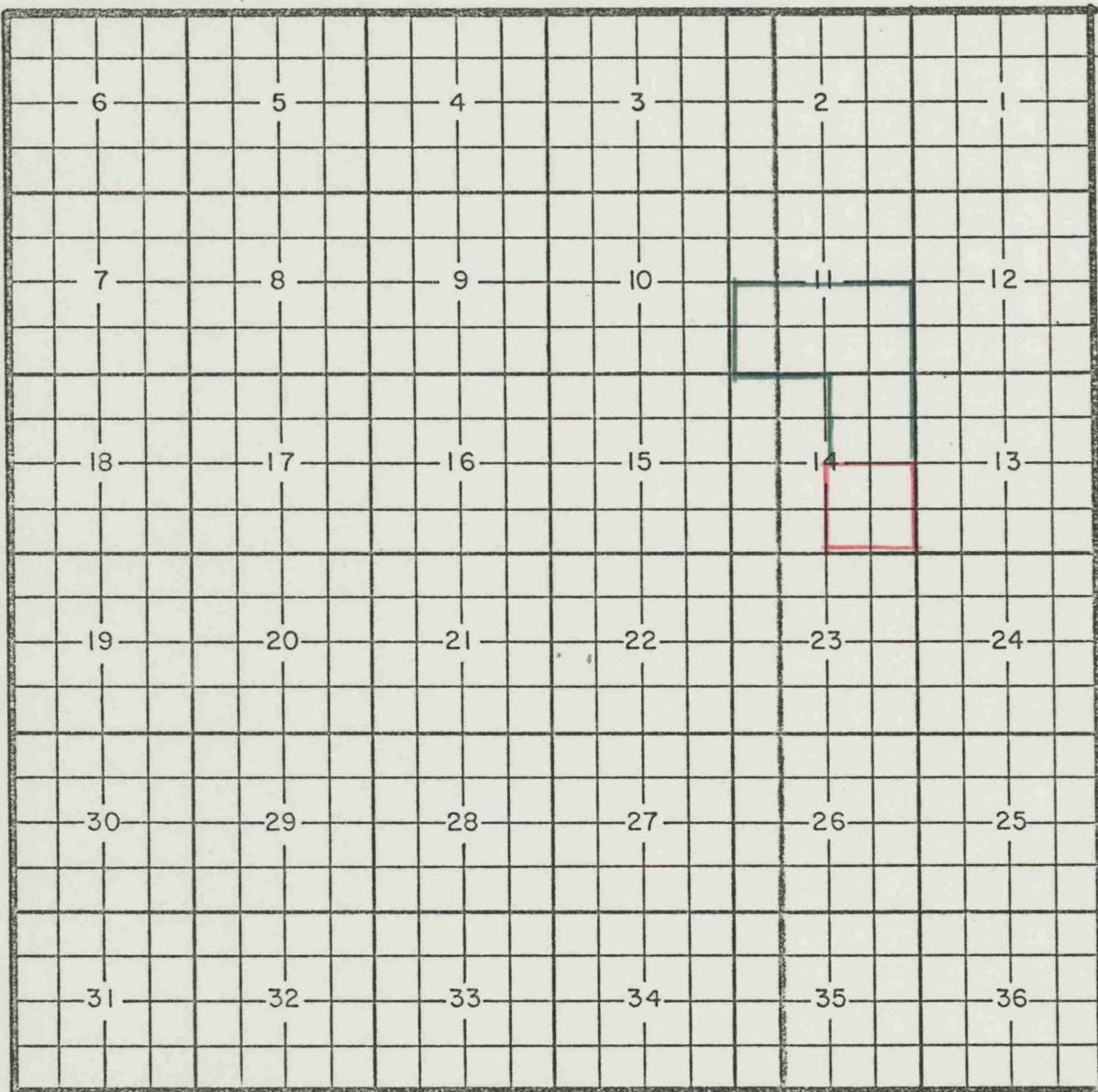
COUNTY LEA

POOL DIAMONDTAIL-BONE SPRING

TOWNSHIP 23 South

RANGE 32 East

NMPM



PURPOSE: One completed oil well capable of producing.

Gulf Oil Corporation Triste Draw Federal #1-N in Sec. 11, T23S, R32E, completed 5/10/85 in the Bone Spring formation. Top Perf. 11,261 Feet.

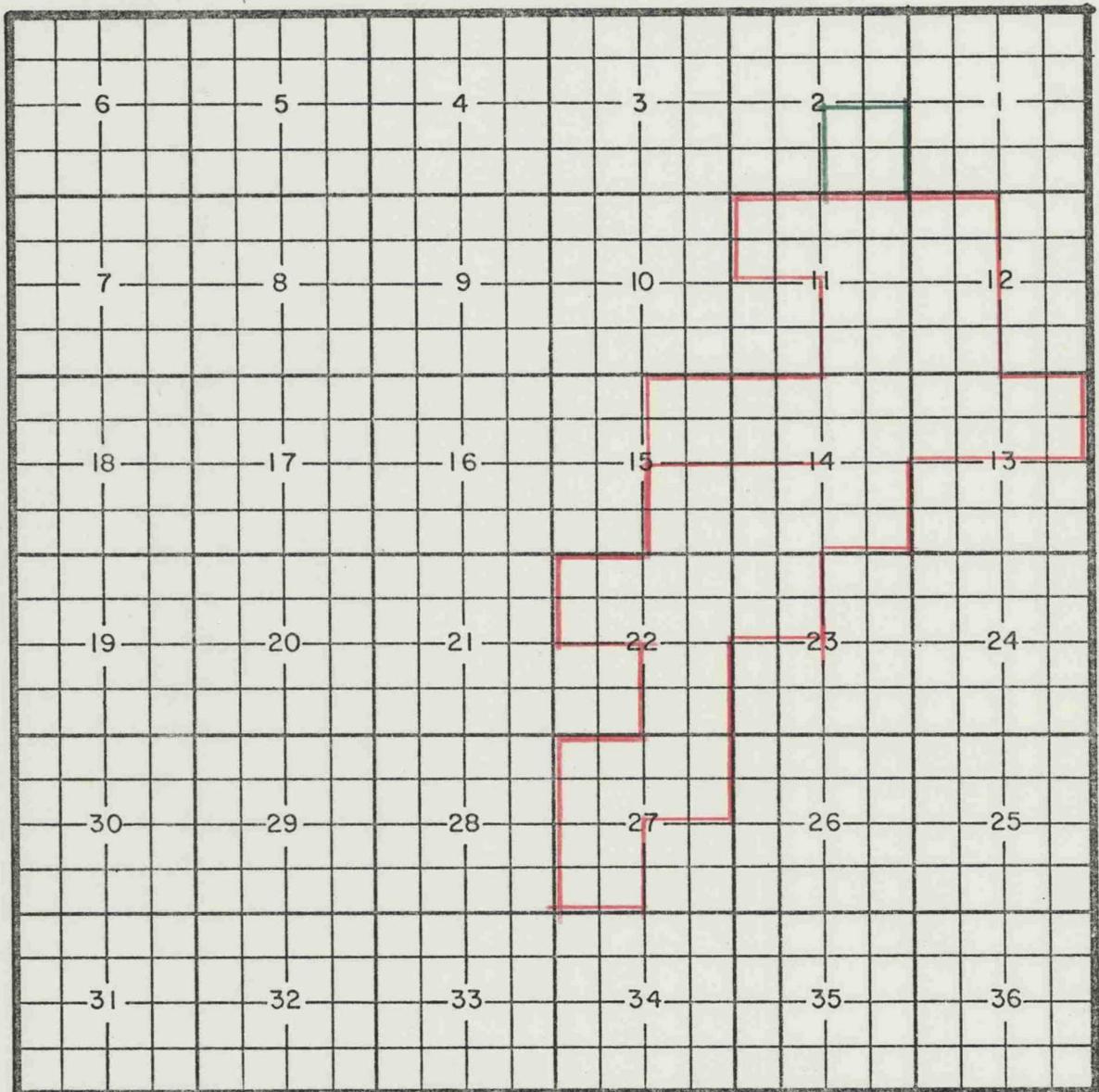
Pool boundary outlined in red.

Proposed extension outline in green. Section 11: S/2

Section 14: NE/4

COUNTY LEA POOL DOUBLE X-DELAWARE

TOWNSHIP 24 South RANGE 32 East NMPM



PURPOSE: One completed oil well capable of producing.

Exxon Corporation New Mexico EH State #1-P in Sec. 2, T 24S, R 32E,

completed 4/11/85 in the Delaware formation. Top Perf. 4962 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 2; SE/4

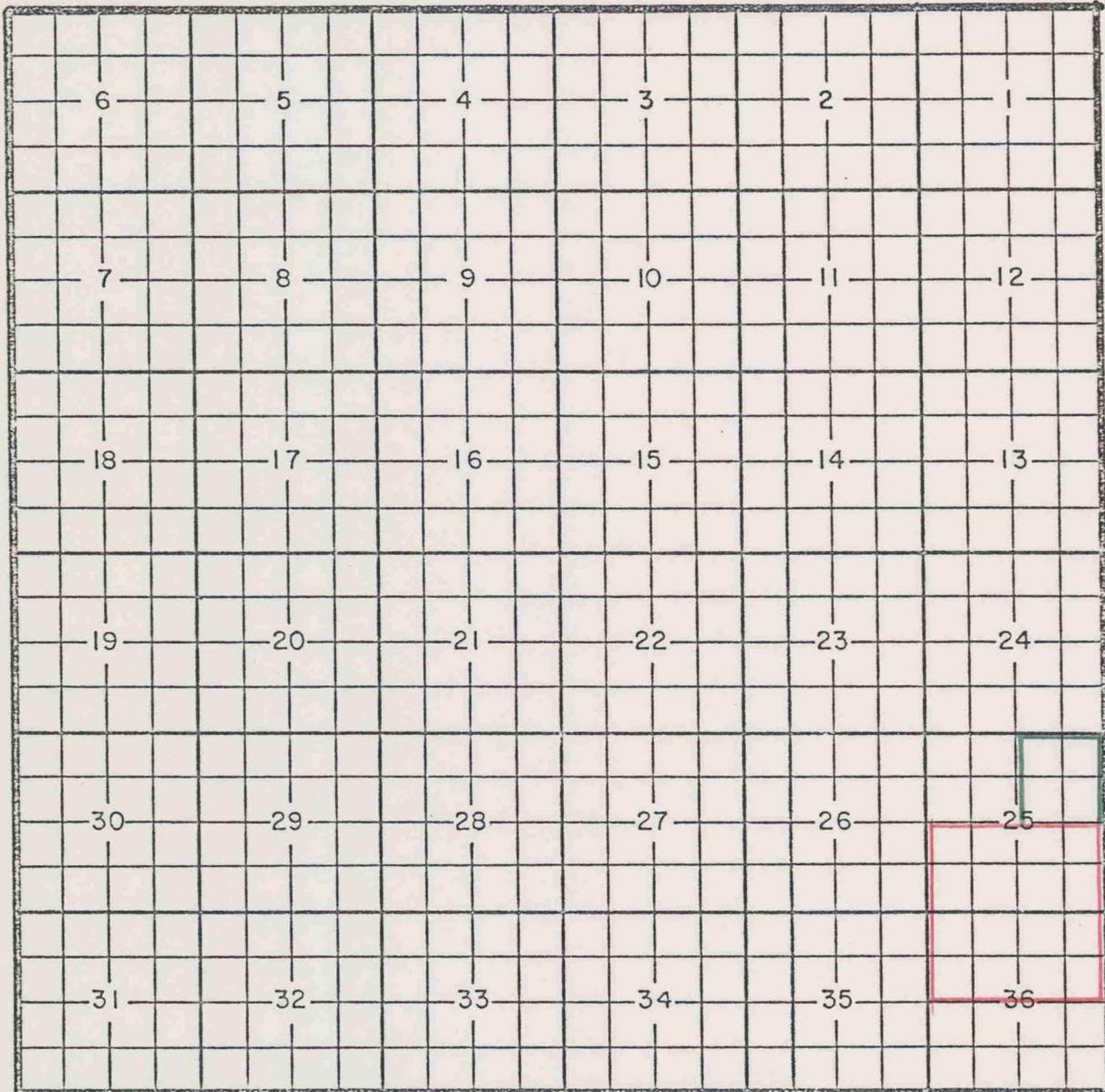
COUNTY LEA

POOL EK-BONE SPRING

TOWNSHIP 18 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Manzano Oil Corporation Edith Federal #2-G in Sec. 25, T18S, R33E,
completed 4/10/85 in the Bone Spring formation. Top Perf. 9452 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 25: NE/4

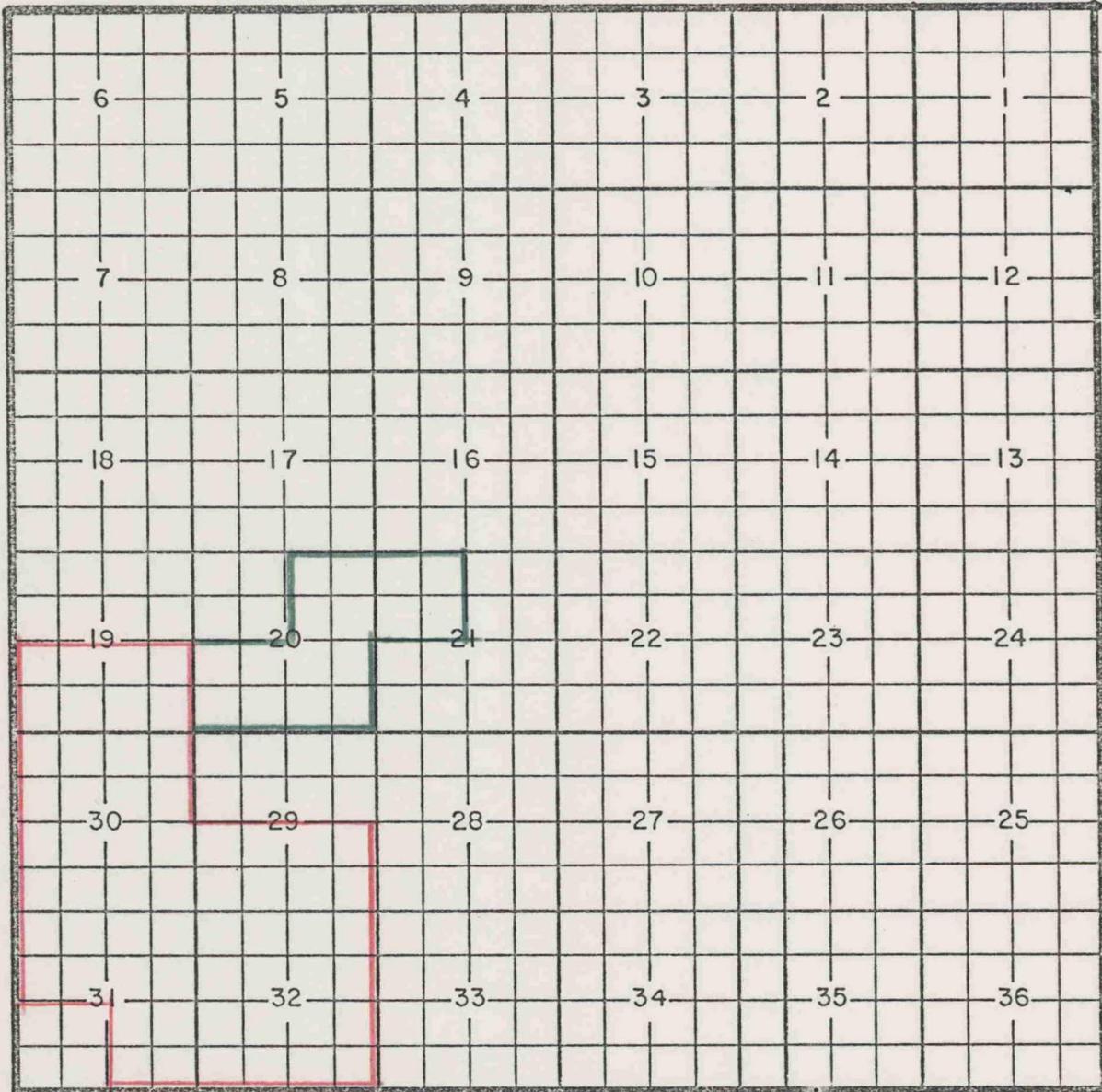
COUNTY LEA

POOL GEM-MORROW GAS

TOWNSHIP 19 South

RANGE 33 East

NMPM



PURPOSE: One completed gas well capable of producing.

Sun Exploration & Production Co. Sun Bright Federal #1-C in Sec. 21, T19S, R33E, completed 5/30/85 in the Morrow formation. Top Perf. 13,492 Feet.

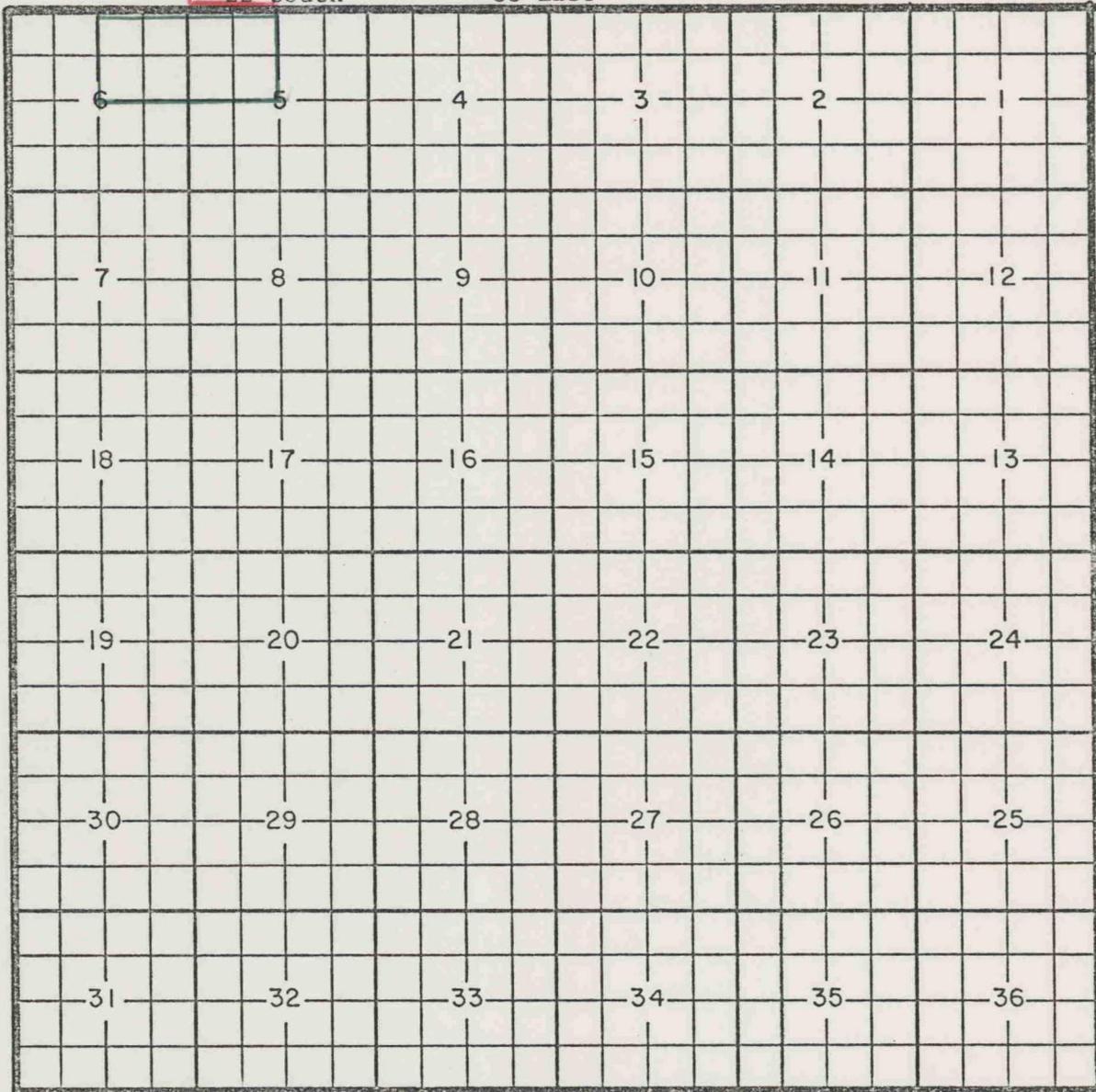
Pool boundary outlined in red.

Proposed extension outlined in green. Section 20: S/2 NE/4

Section 21: NW/4

COUNTY LEA POOL LEGG-BONE SPRING

TOWNSHIP 22 South RANGE 33 East NMPM



PURPOSE: One completed oil well capable of producing.

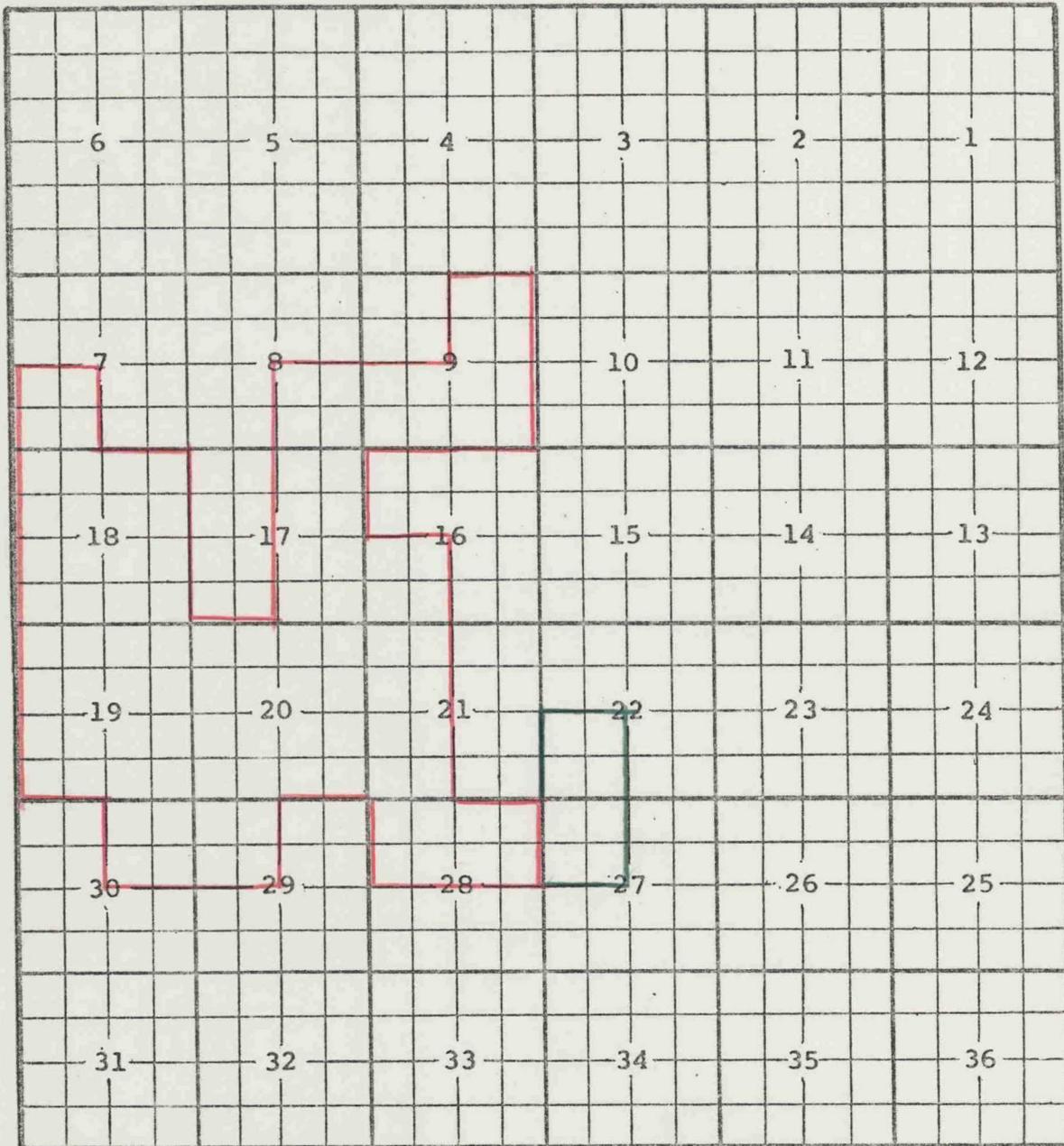
Teh Superior Oil Company San Simon State Com #1-G in Sec. 6, T22S, R33E
completed 11/3/85 in the Bone Spring formation. Top Perf. 9423

Pool boundary outlined in red.

Proposed extension outlined in green. Section 5: NW/4

Section 6: NE/4

TOWNSHIP 16 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Freeman ACF #1-M in Sec. 22, T16S, R 37E,
completed 5/23/85 in the Penn formation. Top Perf. 11,038 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 22: SW/4

Section 27: NW/4

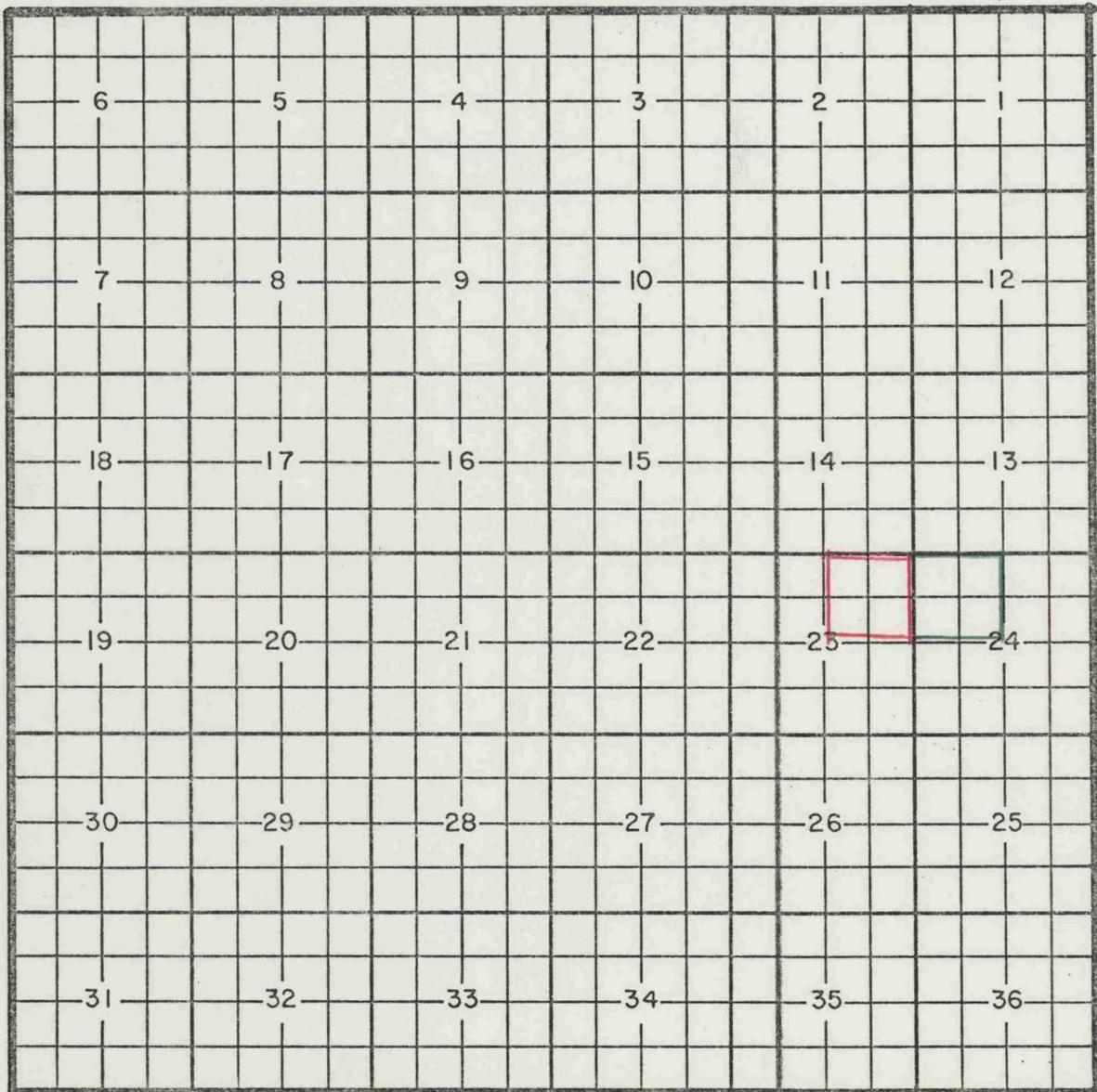
COUNTY LEA

POOL WEST OSUDO-WOLFCAMP

TOWNSHIP 20 South

RANGE 35 East

NMPM



PURPOSE: One completed oil well capable of producing.

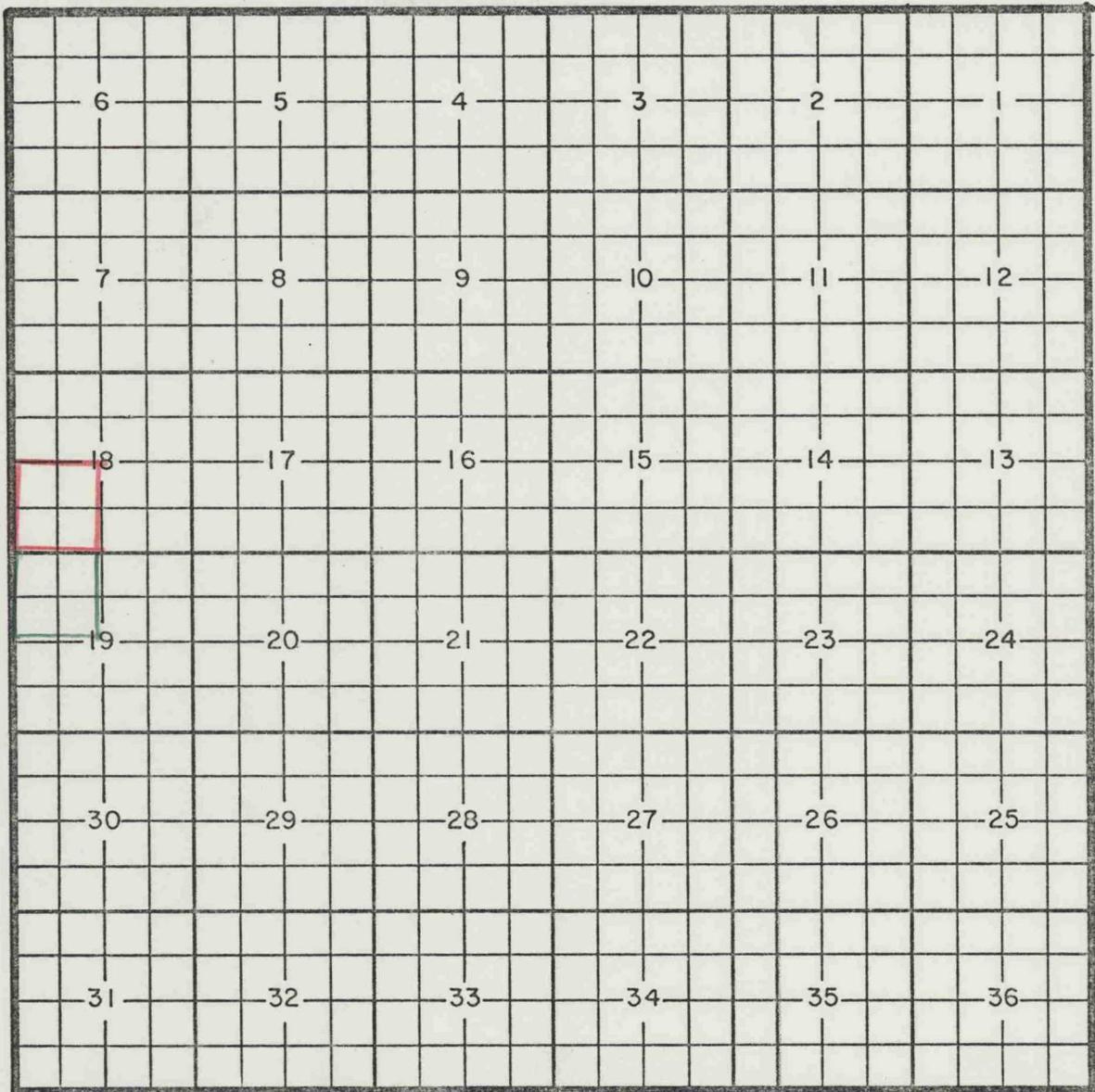
Amoco Production Company Heller Co. Trust Com "A" #1-E in Sec. 24, T20S, R 35E. completed 5/29/85 in the Wolfcamp formation. Top Perf. 11,326 Ft.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 24: NW/4

COUNTY Roosevelt POOL PETERSON-FUSSELMAN

TOWNSHIP 5 South RANGE 33 East NMPM



PURPOSE: One completed oil well capable of producing.
Amoco Production Company Wilbanks #1-C in Sec. 19, T5S, R33E, completed
5/10/85 in the Fusselman formation. Top Perf. 7814 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section: 19 NW/4

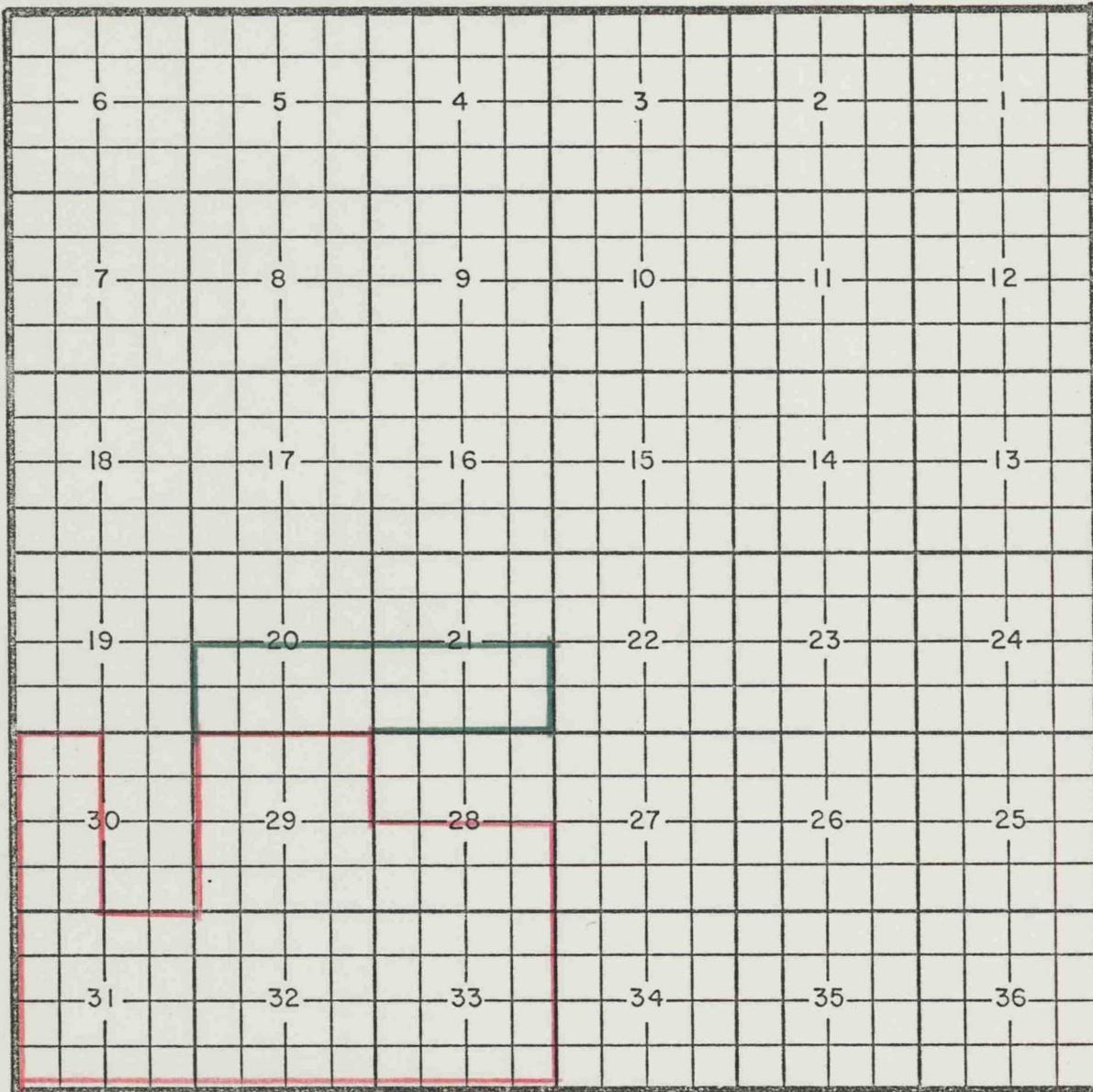
COUNTY LEA

POOL PITCHFORK RANCH-MORROW GAS

TOWNSHIP 24 South

RANGE 34 East

NMPM



PURPOSE: Three completed gas wells capable of producing.

Southland Royalty Company Vaca Ridge "20" Fed. #1-0 in Sec. 20, T24S, R34E, completed 3/30/84 in the Morrow formation. Top Perf. 14,386 Feet.

Southland Royalty Company Vaca Ridge "21" Fed Com #1-0 in Sec. 21, T24S, R34E, completed 5/24/84 in the Morrow formation. Top Perf. 14,457 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 20: S/2

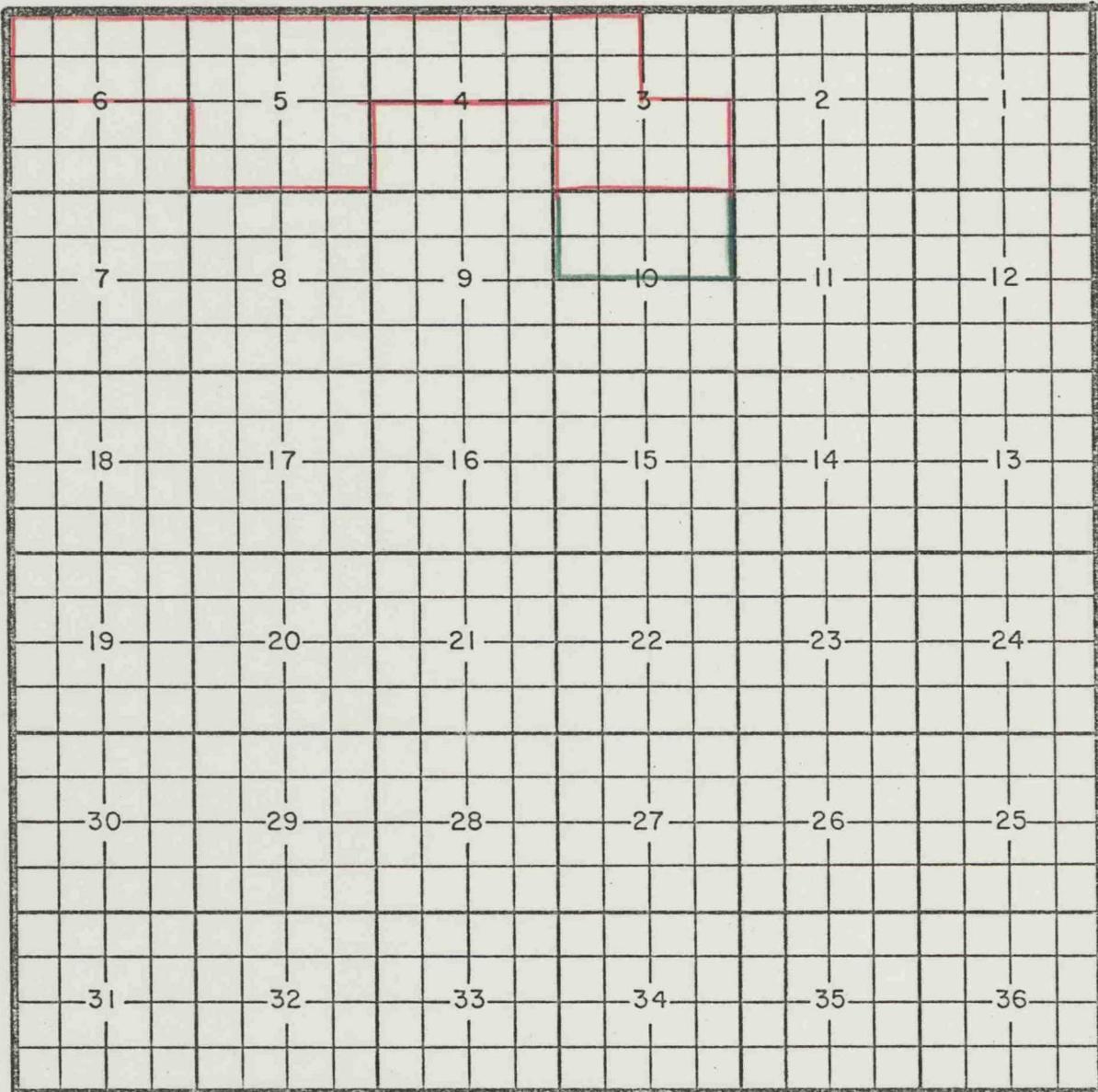
Section 21: S/2

COUNTY LEA

POOL PITCHFORK RANCH-MORROW GAS

TOWNSHIP 25 South RANGE 34 East

NMPM



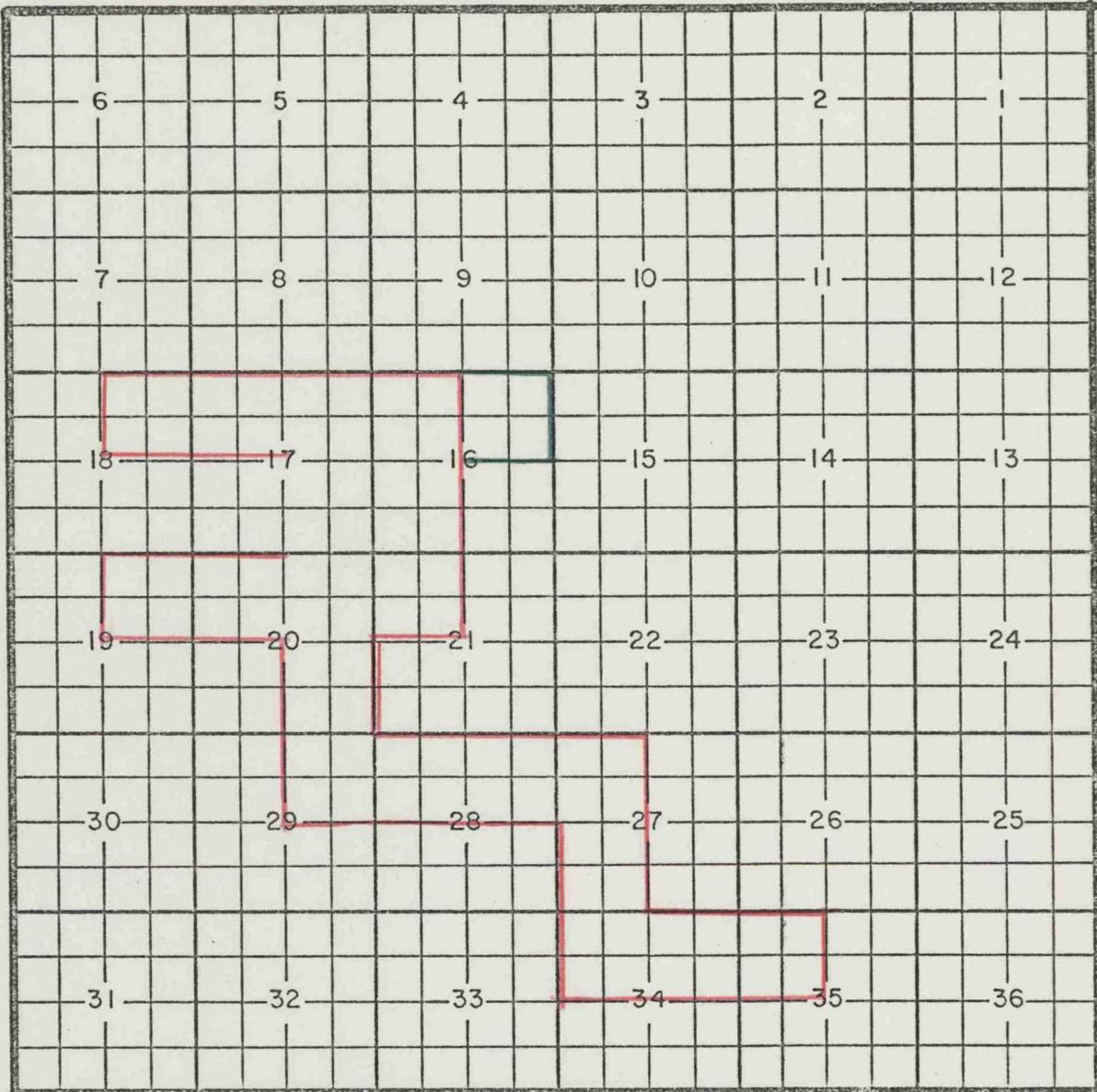
HNG Oil Company Chaparral 10 #1-B in Sec. 10, T25S, R34E, completed
4/23/85 in the Morrow formation. Top Perf 14,905 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 10: N/2

COUNTY CHAVES POOL SIETE-SAN ANDRES

TOWNSHIP 8 South RANGE 31 East NMPM



PURPOSE: Two completed oil wells capable of producing.

Yates Petroleum Corporation Braham ACC State #1-B in Sec. 16, T8S, R31E, completed 5/1/85 in the San Andres formation. Top Perf. 3768 Feet.

Sun Exploration & Production Company New Mexico "BA" State #3-G, in Sec.16 T8S, R31E, completed 4/25/85 in the San Andres formation. Top Perf. 3753 Ft.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 16: NE/4

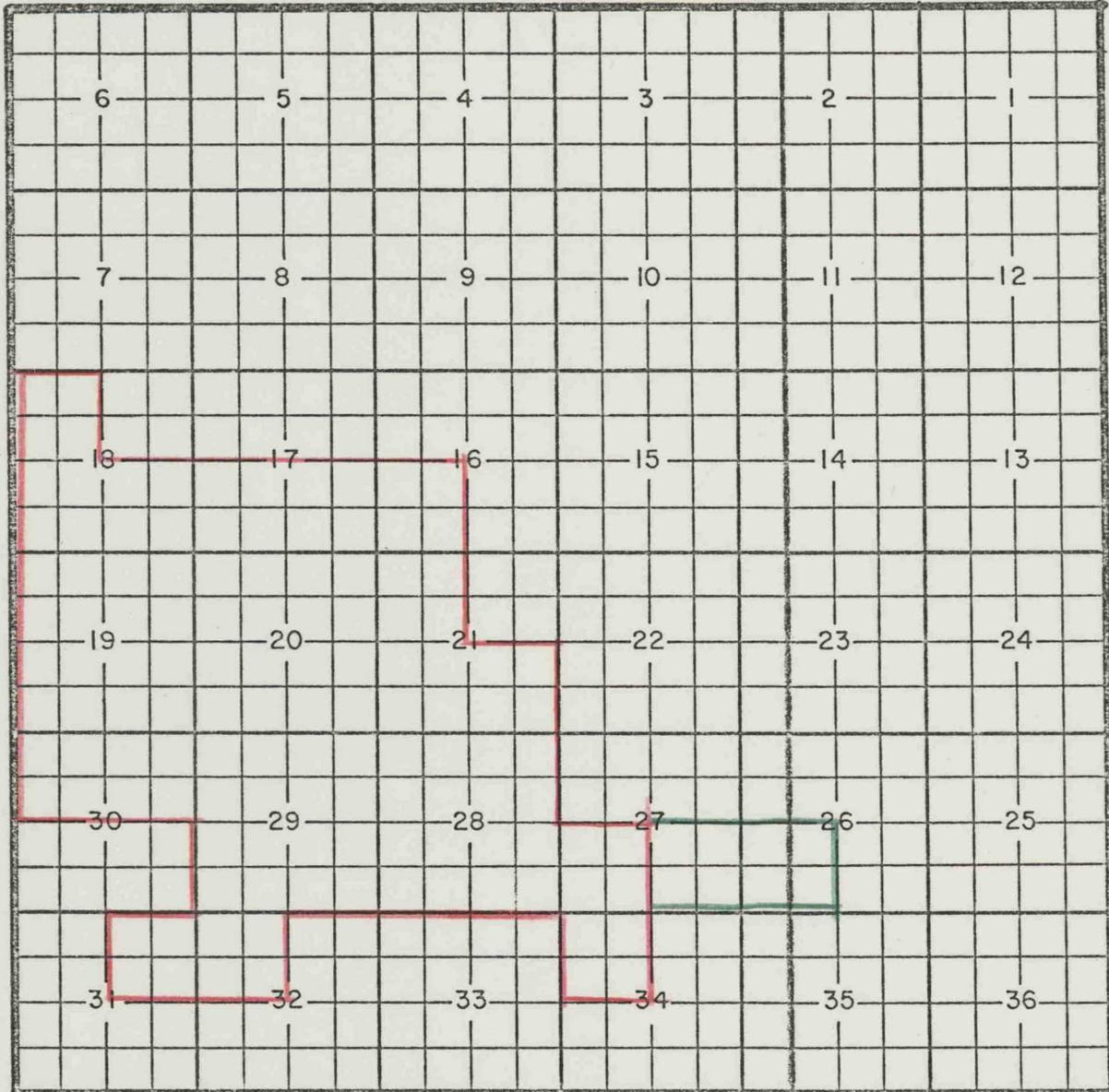
COUNTY CHAVES

POOL TOBAC-PENNSYLVANIAN

TOWNSHIP 8 South

RANGE 33 East

NMPM



PURPOSE: One completed oil well capable of producing.

Yates Petroleum Corporation Big Sky "ABY" State #1-M, in Sec. 26, T8S, R33E,
 completed 5/11/85 in the Penn formation. Top Perf. 9284 Feet.

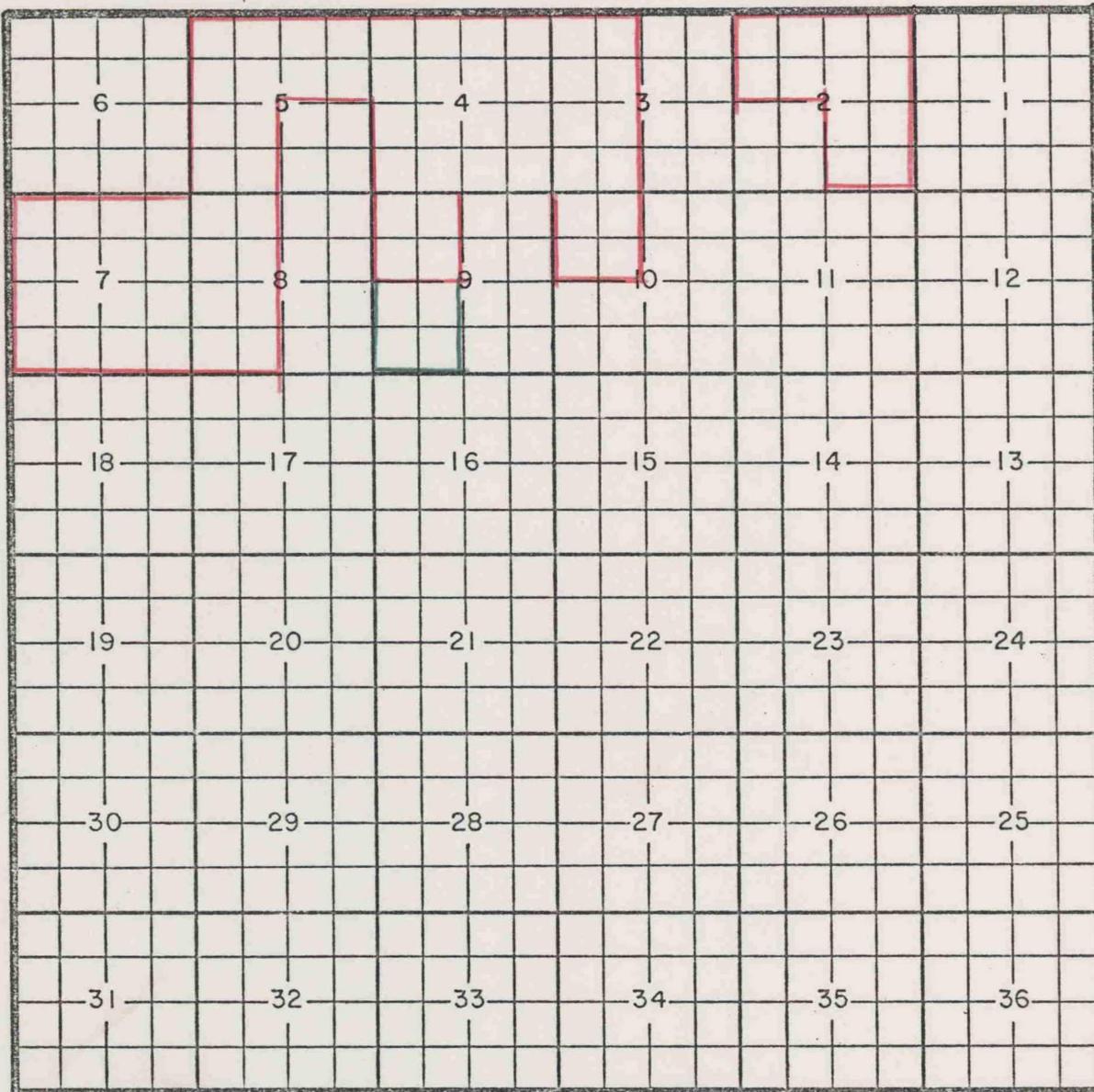
Pool boundary outlined in red.

Proposed extension outlined in green. Section 26: SW/4

Section 27: SE/4

COUNTY CHAVES POOL TOM-TOM SAN ANDRES

TOWNSHIP 8 South RANGE 31 East NMPM



PURPOSE: One completed oil well capable of producing.

Murphy Operating Corporation Ingram Federal #19-M in Sec. 9, T8S, R31 E, completed 4/23/85 in the San Andres formation. Top Perf. 3717 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 9: SW/4

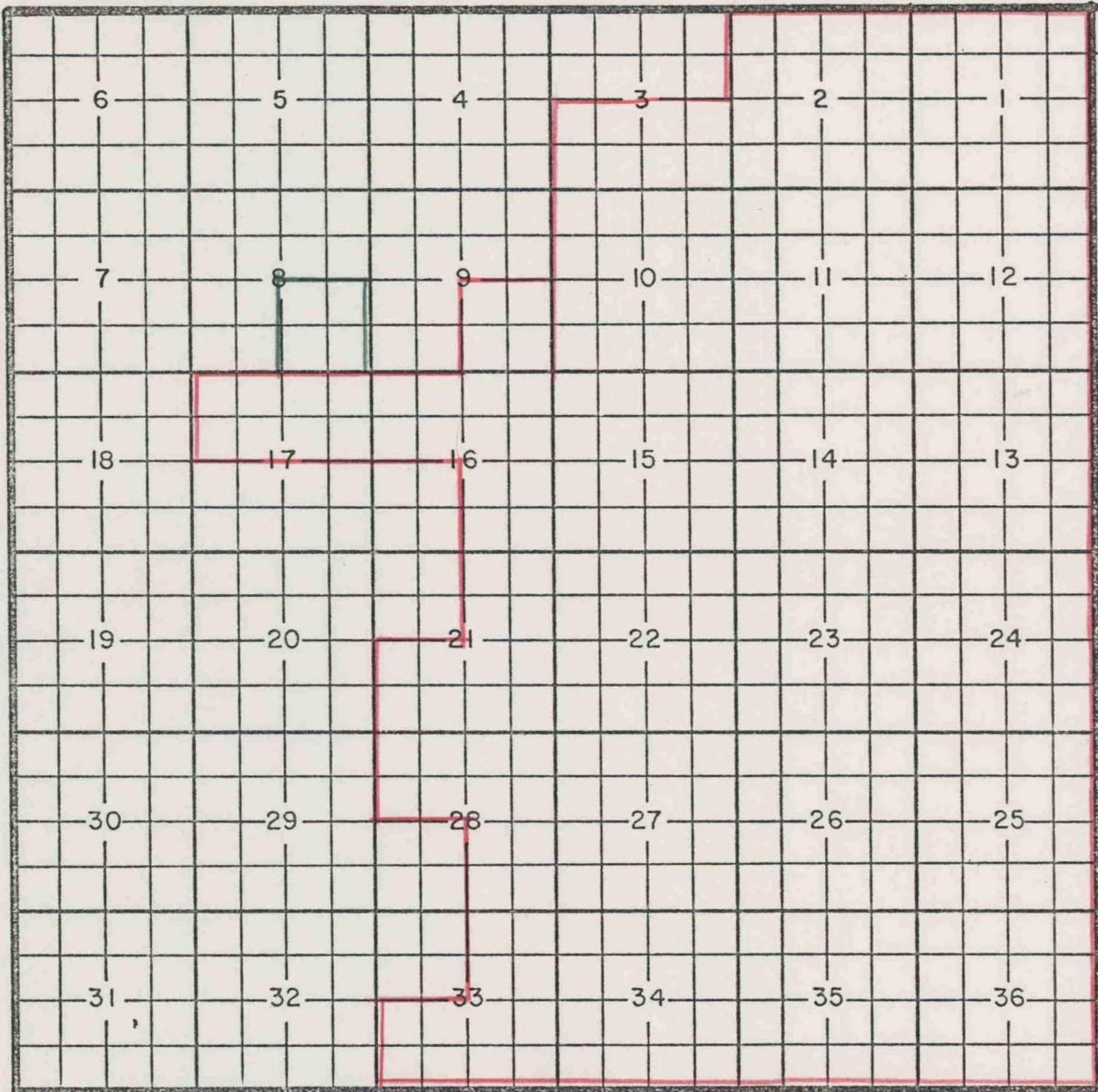
COUNTY LEA

POOL NORTH VACUUM ABO

TOWNSHIP 17 South

RANGE 34 East

NMPM



PURPOSE: One completed oil well capable of producing.

Southern Union Exploration Company Gallagher 8 State #3-0, in Sec.8,T17S,
R34E, completed 5/28/85 in the Abo formation. Top Perf. 8846 Feet.

Pool boundary outlined in red.

Proposed extension outlined in green. Section 8: SE/4