

CASE NO.

7447

APPLICATION,

TRANSCRIPTS,

Small Exhibits,

ETC.

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
16 December 1981

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conser-
vation Division on its own motion for
an order creating, assigning a dis-
covery allowable, contracting and
extending certain pools in Chaves,
Eddy, Lea, and Roosevelt Counties,
New Mexico.

CASE
7447

BEFORE: Richard L. Stamets

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation Division:	W. Perry Pearce, Esq. Legal Counsel to the Division State Land Office Bldg. Santa Fe, New Mexico 87501
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For the Applicant:

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The Witness - ROY JOHNSON

Direct Examination by Mr. Pearce

Exhibit 1 (Recommendations) marked -

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2 HEARING OFFICER: Call next case 7447,
3 being the matter of the hearing called by the Oil Conserva-
4 tion Division on its own motion for an order creating, as-
5 signing a discovery allowable, contracting and extending
6 certain pools in Chaves, Eddy, Lea and Roosevelt Counties.

7 MR. PEARCE: May it please the Examiner,
8 my name is W. Perry Pearce, appearing on behalf of the New
9 Mexico Oil Conservation Division in this matter.

10 I have one witness who needs to be
11 sworn.

12
13 ROY JOHNSON
14 the witness herein, after having been first duly sworn upon
15 his oath, was examined and testified as follows:

16
17 DIRECT EXAMINATION

18 BY MR. PEARCE:

19 Q For the record, would you please state
20 your name, by whom you are employed, and in what position?

21 A Roy Johnson, I work with New Mexico Oil
22 Conservation Division as a petroleum geologist.

23 Q Mr. Johnson, are you prepared at this
24 time to make recommendations to the Commission concerning
25 the nomenclature of certain pools in Chaves, Eddy, Lea, and

1
2 Roosevelt Counties, New Mexico?

3 A I am.

4 Q Have you caused those recommendations
5 to be prepared in the form of an exhibit?

6 A Yes, one exhibit.

7 Q Will you please at this time, Mr.
8 Johnson, refer to the exhibit to the docket of this matter,
9 and point out any substantial difference between the two?

10 A There are no substantial differences
11 between the docket and the exhibit, they are the same.

12 Q Mr. Johnson, do you have anything fur-
13 ther to add to your testimony at this time?

14 A I do not.

15 MR. PEARCE: Mr. Examiner, the Division
16 has nothing further in this matter at this time. We move
17 the admission of Exhibit 1 to this proceeding.

18 HEARING OFFICER: Exhibit 1 will be
19 admitted.

20 Are there any questions for this wit-
21 ness? You may be excused.

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THIS IS A VERBATIM COPY OF MR. ALEX PADILLA'S
TRANSCRIPT SUBMITTED HEREWITH.

SWB

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 9447,
heard by me on 12-16 1981.

Richard L. Stam, Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 7447
Order No. R-6876

THE APPLICATION OF THE OIL
CONSERVATION DIVISION UPON
ITS OWN MOTION FOR AN ORDER
CREATING, ASSIGNING A DISCOVERY
ALLOWABLE, CONTRACTING AND
EXTENDING CERTAIN POOLS IN
CHAVES, EDDY, LEA, AND ROOSEVELT
COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on December 16, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NDW, on this 22nd day of January, 1982, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Upper Pennsylvanian formation, said pool to bear the designation of Draper Mill-Upper Pennsylvanian Gas Pool with vertical limits defined as from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on the log of the discovery well, the HNC Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM. It was completed in the Upper Pennsylvanian formation on September 23, 1981. The top of the perforations is at 14,246 feet.

-2-
Case No. 7447
Order No. R-6876

(3) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Dora-Pennsylvanian Pool. Said Dora-Pennsylvanian Pool was discovered by the Enserch Exploration, Inc. Annie Harvey Well No. 1 located in Unit J of Section 6, Township 5 South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on July 19, 1981. The top of the perforations is at 8,190 feet.

(4) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Montoya formation, said pool to bear the designation of Lightcap-Montoya Gas Pool. Said Lightcap-Montoya Gas Pool was discovered by the Aikman Petroleum, Inc. Sanders Well No. 1 located in Unit E of Section 8, Township 8 South, Range 30 East, NMPM. It was completed in the Montoya formation on September 21, 1981. The top of the perforations is at 7,903 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Loving-Cherry Canyon Pool. Further, that the discovery well for said pool, the Pogo Production Company NEL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 18,240 barrels, to be assigned over a two-year period. Said discovery well was completed in the Cherry Canyon formation on August 1, 1981. The top of the perforations is at 3,648 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of Midway-Strawn Pool. Said Midway-Strawn Pool was discovered by the David Fasken Consolidated State Well No. 2 located in Unit A of Section 8, Township 17 South, Range 37 East, NMPM. It was completed in the Strawn formation on July 2, 1981. The top of the perforations is at 10,725 feet.

(7) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of Pecos Slope-Abo Gas Pool. Said Pecos Slope-Abo Gas Pool was discovered by the Yates Petroleum Corporation Federal HY Well No. 2 located in Unit 0 of Section 33, Township 7 South, Range 25 East, NMPM. It was completed in the Abo formation on May 16, 1979. The top of the perforations is at 3,548 feet.

(8) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of West Pecos Slope-Abo Gas Pool. Said West Pecos Slope-Abo Gas Pool was discovered by the Mesa Petroleum Company Rock Federal Well No. 1 located in Unit J of Section 7, Township 8 South, Range 23 East, NMPM. It was completed in the Abo formation on October 7, 1980. The top of the perforations is at 2,810 feet.

(9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Red Bluff-Bone Spring Pool. Said Red Bluff-Bone Spring Pool was discovered by the HCW Exploration, Inc. Dorstate Well No. 1 located in Unit H of Section 27, Township 25 South, Range 28 East, NMPM. It was completed in the Bone Spring formation on July 8, 1981. The top of the perforations is at 6,412 feet.

(10) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Willow Lake-Bone Spring Pool. Said Willow Lake-Bone Spring Pool was discovered by the Maddox Energy, Inc. Union Federal Well No. 1 located in Unit H of Section 33, Township 24 South, Range 28 East, NMPM. It was completed in the Bone Spring formation on August 6, 1981. The top of the perforations is at 6,155 feet.

(11) That there is need for the contraction of the vertical limits of the North Shoebar-Pennsylvanian Pool in Lea County, New Mexico, to the Strawn formation only and the redesignation of said pool to Northwest Shoebar-Strawn Pool.

(12) That there is need for certain extensions to the Diamond Mound-Morrow Gas Pool, the Tomahawk-San Andres Pool, and the Twin Lakes-San Andres Associated Pool, all in Chaves County, New Mexico, and the Avalon-Morrow Gas Pool, the Bunting Ranch-Morrow Gas Pool, the West Burton Flat-Atoka Gas Pool, the South Culebra Bluff-Bone Spring Pool, the North Loving-Morrow Gas Pool, the South Millman-Morrow Gas Pool, the Penaeco Draw San Andres-Yesc Associated Pool, the Robins Draw-Morrow Gas Pool, and the Turkey Track-Atoka Gas Pool, all in Eddy County, New Mexico, and the South Bell Lake-Morrow Gas Pool, the Gem-Morrow Gas Pool, the Inbe-Permo Pennsylvanian Pool, the West Nadine-Blinebry Pool, the Nadine Drinkard-Abo Pool, the Oil Center-Blinebry Pool, the Oil Center-Glorieta Gas Pool, the Sawyer-San Andres Associated Pool, the North Shoebar-Wolfcamp Pool, and the Townsend-Morrow Gas Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for Upper Pennsylvanian production is hereby created and designated as the Draper Mill-Upper Pennsylvanian Gas Pool, with vertical limits defined as being from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on the log of the discovery well, the HNG Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM
Section 16: W/2

(b) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production is hereby created and designated as the Dora-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 6: SE/4

(c) That a new pool in Chaves County, New Mexico, classified as a gas pool for Montoya production is hereby created and designated as the Lightcap-Montoya Gas Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 8: W/2

(d) That a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production is hereby created and designated as the Loving-Cherry Canyon Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4

Further, that the discovery well for said Loving-Cherry Canyon Pool, being Pogo Production Company NEL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NMPM, is hereby assigned a bonus discovery allowable in the amount of 18,240 barrels to be produced over a two-year period.

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production is hereby created and

-5-

Case No. 7447

Order No. R-6876

designated as the Midway-Strawn Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPH

Section 8: NE/4

(f) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the Pecos Slope-Abo Gas Pool, consisting of the following described area:

TOWNSHIP 4 SOUTH, RANGE 24 EAST, NMPH

Section 35: SE/4

Section 36: S/2

TOWNSHIP 4 SOUTH, RANGE 25 EAST, NMPH

Section 31: SW/4

TOWNSHIP 5 SOUTH, RANGE 24 EAST, NMPH

Section 1: All

Section 2: E/2 and SW/4

Section 9: SE/4

Sections 10 through 15: All

Section 16: E/2

Section 21: E/2

Sections 22 through 27: All

Section 28: E/2

Section 31: S/2

Section 32: S/2

Section 33: E/2 and SW/4

Sections 34 through 36: All

TOWNSHIP 5 SOUTH, RANGE 25 EAST, NMPH

Section 6: W/2

Section 7: NW/4

Section 31: W/2 and SE/4

Section 32: S/2

TOWNSHIP 6 SOUTH, RANGE 24 EAST, NMPH

Section 1: All

TOWNSHIP 6 SOUTH, RANGE 25 EAST, NMPH

Sections 1 through 36: All

-6-
Case No. 7447
Order No. R-6876

TOWNSHIP 7 SOUTH, RANGE 25 EAST, NMPM

Sections 1 through 5: All
Section 6: E/2
Section 7: N/2
Sections 8 through 12: All
Section 13: N/2 and SE/4
Section 14: N/2
Section 15: N/2
Section 16: All
Section 17: All
Section 20: N/2
Section 21: All
Section 28: All
Section 33: All

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

Section 18: S/2

(g) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the West Pecos Slope-Abo Gas Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 22 EAST, NMPM

Section 12: NW/4 and E/2
Section 13: E/2

TOWNSHIP 8 SOUTH, RANGE 23 EAST, NMPM

Section 6: S/2
Section 7: All
Section 8: S/2
Section 18: N/2 and SW/4

(h) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Red Bluff-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM

Section 27: NE/4

(i) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Willow Lake-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM

Section 33: NE/4

-7-

Case No. 7447
Order No. R-6876

(j) That the vertical limits of the North Shosbar-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Strawn formation only and said pool redesignated to the Northwest Shosbar-Strawn Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

(k) That the Avalon-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 28: S/2
Section 29: E/2
Section 32: E/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 2: Lots 9, 10, 15, 16 and
SE/4

(l) That the South Bell Lake-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM
Section 13: E/2

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
Section 17: All

(m) That the Bunting Ranch-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 23 EAST, NMPM
Section 30: S/2
Section 31: N/2

(n) That the West Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

-8-

Case No. 7447

Order No. R-6876

(o) That the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM

Section 25: N/2 SW/4 and NW/4

Section 26: NE/4 and S/2

Section 27: S/2 SE/4

(p) That the Diamond Mound-Morrow Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM

~~Section 15:~~ N/2

(q) That the Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM

Section 36: E/2

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM

Section 31: NW/4

(r) That the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM

Section 14: NE/4

(s) That the North Loving-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM

Section 30: E/2

(t) That the South Millman-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 30: N/2

(u) That the West Nadine-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 8: SE/4

Section 9: SW/4

(v) That the Nadine Drinkard-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM

Section 22: NE/4

(w) That the Oil Center-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 11: E/2 SW/4

(x) That the Oil Center-Glorieta Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM

Section 11: NE/4

(y) That the Penasco Draw San Andres-Yeso Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM

Section 35: S/2 NE/4 and SE/4

Section 36: S/2

(z) That the Robina Draw-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM

Section 6: E/2

Section 7: E/2

(aa) That the Sawyer-San Andres Associated Pool in Lea County, New Mexico, as heretofore classified, defined, and

-10-

Case No. 7447

Order No. R-6876

described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
Section 36: NE/4

(bb) That the North Shoobar-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

(cc) That the Tomahawk-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 36: SW/4

(dd) That the Townsend-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 23: N/2

(ee) That the Turkey Track-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: E/2
Section 35: W/2

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 2: N/2
Section 3: All

(ff) That the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 29 EAST, NMPM
Section 7: NE/4

-11-

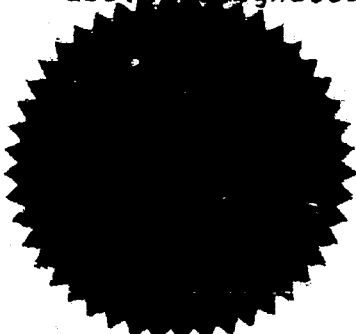
Case No. 7447
Order No. R-6876

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Form C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, contractions of vertical limits, and extensions included herein shall be January 1, 1982.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

S F A I

fd/

Dockets Nos. 1-82 and 2-82 are tentatively set for January 6, and January 20, 1982. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - DECEMBER 16, 1981

9 A.M. - OIL CONSERVATION DIVISION CONFERENCE ROOM
STATE LAND OFFICE BUILDING, SANTA FE, NEW MEXICO

The following cases will be heard before Richard L. Stamets, Examiner, or Daniel S. Nutter, Alternate Examiner:

- ALLOCABLE:** (1) Consideration of the allowable production of gas for January, 1982, from fifteen prorated pools in Lea, Eddy, and Chaves Counties, New Mexico.
- (2) Consideration of the allowable production of gas for January, 1982, from four prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico.
- CASE 7439:** Application of Bass Enterprises Production Company for an amendment of Division Order No. R-6776, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Division Order No. R-6776 which authorized the directional drilling of its James Ranch Well No. 13 in Section 36, Township 22 South, Range 30 East, to provide for an amended surface location 1440 feet from the North line and 860 feet from the West line of Section 6, Township 23 South, Range 31 East.
- CASE 7440:** Application of Morris R. Antweil for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Abo formation underlying the SW/4 NE/4 of Section 5, Township 20 South, Range 38 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7441:** Application of Morris R. Antweil for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Abo formation underlying the SE/4 NW/4 of Section 5, Township 20 South, Range 38 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7442:** Application of Depco, Inc. for compulsory pooling, Chaves County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface through the Abo formation underlying the SE/4 of Section 23, Township 5 South, Range 24 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7443:** Application of Dalton H. Cobb for compulsory pooling, Guadalupe County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests from the surface to the base of the Abo formation underlying the SE/4 of Section 20, Township 8 North, Range 22 East, to be dedicated to a well drilled at a standard location thereon. Also to be considered will be the cost of re-entering and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in re-entering said well.
- CASE 7444:** Application of Yates Petroleum Corporation for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp-Penn formations underlying the E/2 of Section 30, Township 18 South, Range 27 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.
- CASE 7445:** Application of Harvey E. Yates Company for an NGPA determination, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks a new onshore reservoir determination in the San Andres formation for its Fulton Collier Well No. 1 in Unit G of Section 1, Township 18 South, Range 28 East.

CASE 7410: (Continued from November 19, 1981, Examiner Hearing)

Application of B.O.A. Oil & Gas Company for two unorthodox oil well locations, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a well to be drilled 2035 feet from the South line and 2455 feet from the East line and one to be drilled 2455 feet from the North line and 1944 feet from the East line, both in Section 31, Township 31 North, Range 15 West, Verde-Gallup Oil Pool, the NW/4 SE/4 and SW/4 NE/4, respectively, of said Section 31 to be dedicated to said wells.

CASE 7356: (Continued from November 19, 1981, Examiner Hearing)

Application of S & I Oil Company for compulsory pooling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the W/2 SW/4 of Section 12, Township 29 North, Range 15 West, Cha Cha-Gallup Oil Pool, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for risk involved in drilling said well.

CASE 7423: (Continued from November 19, 1981, Examiner Hearing - This Case will be dismissed)

Application of Conoco, Inc. for a waterflood project, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority for three companies to institute a cooperative waterflood project in the Blinbry oil and gas pool by the injection of water into the Blinbry formation through 13 injection wells located on leases operated by Conoco, Shell Oil Company, and Southland Royalty Company, in Sections 33 and 34, Township 20 South, Range 36 East, and Sections 2 and 3, Township 21 South, Range 37 East.

CASE 7448: Application of Energy Reserves Group, Inc. for creation of a new gas pool and an unorthodox location, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks the creation of a new gas pool for Cisco production comprising the S/2 of Section 12 and the N/2 of Section 13, Township 6 South, Range 33 East; applicant further seeks approval of the unorthodox location of its Miller Com Well No. 1-Y located 660 feet from the South and West lines of said Section 12.

CASE 7449: Application of E. T. Ross for nine non-standard gas proration units, Harding County, New Mexico. Applicant, in the above-styled cause, seeks approval for nine 40-acre non-standard gas proration units in the Bravo Dome Carbon Dioxide Area. In Township 19 North, Range 30 East: Section 12, the NW/4 NW/4 and NE/4 NW/4; Section 14, the NW/4 NE/4, SW/4 NE/4, and SE/4 NE/4. In Township 20 North, Range 30 East: Section 11, the NE/4 SW/4, SW/4 SE/4, SE/4 SW/4, and NW/4 SE/4.

CASE 7446: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting, and extending vertical and horizontal limits of certain pools in San Juan, Rio Arriba, McKinley, and Sandoval Counties, New Mexico:

(a) That the South Gallegos Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby abolished.

(b) That the South Gallegos Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 24: SE/4

Section 25: E/2

(c) That the Otero Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby contracted by deleting:

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM

Section 31: NW/4

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM

Section 36: W/2 SW/4

(d) That the South Gallegos-Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 2: S/2
Section 3: SE/4
Section 10: NE/4
Section 11: W/2

and the vertical limits of said pool are hereby extended to include the Pictured Cliff formation and said pool is redefined as the South Gallegos-Fruitland -Pictured Cliffs Gas Pool.

(e) That a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Macimiento production, is hereby created and designated as the Gavilan Macimiento Pool, comprising the following described area:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM

Section 6: SW/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPM

Section 1: SE/4
Section 12: N/2

(f) That the Aztec Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 30: SE/4
Section 31: NE/4

(g) That the Aztec Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Section 12: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM

Section 7: SE/4
Section 21: NW/4 and SE/4
Section 28: E/2

(h) That the BS Mesa Gallup Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM

Section 1: NW/4
Section 2: All
Section 6: SW/4

(i) That the Beautiful Mountain Mississippian Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby redesignated the Beautiful Mountain Mississippian Gas Pool and is extended to include:

TOWNSHIP 27 NORTH, RANGE 19 WEST, NMPM

Section 32: N/2 S/2 and SW/4 SW/4 and SE/4 SE/4

(j) That the Ballard Pictured Cliffs Gas Pool in Rio Arriba, Sandoval, and San Juan Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 5 WEST, NMPM

Section 24: NE/4

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM

Section 15: SW/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 35: S/2

TOWNSHIP 26 NORTH, RANGE 8 WEST, NMPM

Section 9: NE/4
Section 14: NW/4 and SE/4

(k) That the Bisti Lower Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM
Section 6: N/2 NE/4

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM
Section 31: SE/4

(l) That the Blanco Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 9 WEST, NMPM
Section 3: SE/4
Section 10: NE/4

(m) That the Blanco Mesa Verde Gas Pool in Rio Arriba and San Juan Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 25 NORTH, RANGE 3 WEST, NMPM
Section 4: S/2
Section 5: S/2

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 10: W/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM
Section 14: S/2
Section 25: All
Section 26: All
Section 35: All
Section 36: All

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 2: S/2
Sections 7 to 16: All
Section 22: All

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 22: N/2

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 13: W/2
Section 14: All
Section 23: N/2
Section 24: All

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 23: N/2

TOWNSHIP 30 NORTH, RANGE 4 WEST, NMPM
Section 30: W/2

TOWNSHIP 31 NORTH, RANGE 13 WEST, NMPM
Section 14: All
Section 15: E/2
Section 23: All

(n) That the Blanco Pictured Cliffs Gas Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 17: NW/4
Section 18: SE/4

Examiner Hearing - Wednesday - December 16, 1981

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPH

Section 3: W/2
Section 4: E/2
Section 9: N/2
Section 10: NW/4
Section 33: E/2
Section 34: W/2 and SE/4
Section 35: SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPH

Section 11: SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPH

Section 6: NW/4

TOWNSHIP 31 NORTH, RANGE 9 WEST, NMPH

Section 28: SE/4

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPH

Section 12: NE/4

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPH

Section 10: E/2

(0) That the South Blanco Pictured Cliffs Gas Pool in Rio Arriba, San Juan and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 1 WEST, NMPH

Section 19: SW/4
Section 30: W/2
Section 31: NW/4

TOWNSHIP 23 NORTH, RANGE 2 WEST, NMPH

Section 24: S/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPH

Section 2: N/2
Section 3: N/2
Section 4: NE/4

TOWNSHIP 24 NORTH, RANGE 2 WEST, NMPH

Section 14: W/2
Sections 15, 16, & 17: All
Section 21: N/2
Section 22: N/2

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPH

Section 3: SE/4
Section 26: S/2 and NW/4
Section 27: All
Section 28: E/2
Section 33: E/2
Sections 34 & 35: All
Section 36: SW/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPH

Section 14: NW/4
Section 24: All

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPH

Section 34: NW/4

TOWNSHIP 27 NORTH, RANGE 6 WEST, NMPH

Section 8: SE/4

TOWNSHIP 28 NORTH, RANGE 6 WEST, NMPM

Section 25: SE/4

Section 36: E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 19: W/2

Section 30: NW/4

TOWNSHIP 28 NORTH, RANGE 8 WEST, NMPM

Section 11: E/2

Section 12: All

Section 13: All

Section 14: NE/4

Section 24: NE/4

(p) That the Bloomfield Chacra Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM

Sections 15 & 16: All

Section 17: SE/4

Section 22: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM

Section 14: W/2

Section 15: E/2

Section 22: E/2

Section 23: W/2

Section 25: N/2

Section 26: W/2

Section 27: NE/4 and S/2

Section 34: All

Section 35: W/2 and SE/4

(q) That the Cha Cha Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 15 WEST, NMPM

Section 11: E/2

Section 12: S/2 and NW/4

Section 14: N/2

(r) That the Chacon Dakota Associated Oil Pool in Rio Arriba and Sandoval Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 22 NORTH, RANGE 3 WEST, NMPM

Section 1: W/2

Section 2: E/2

TOWNSHIP 23 NORTH, RANGE 3 WEST, NMPM

Section 3: NE/4

Section 11: NW/4

Section 23: SE/4

Section 35: SE/4

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM

Section 16: SW/4

Section 17: SE/4

Section 21: All

Section 22: SW/4

Section 27: W/2 and SE/4

Section 28: E/2

Section 34: E/2

(s) That the Escrito Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 28: S/2 NE/4

Section 35: W/2 NW/4

(t) That the Flora Vista Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 3: W/2

TOWNSHIP 31 NORTH, RANGE 12 WEST, NMPM

Section 34: W/2

(u) That the Flora Vista Gallup Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 12 WEST, NMPM

Section 1: SW/4

Section 2: SE/4

(v) That the Fulcher Kutz Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM

Section 16: W/2

(w) That the Gallegos Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12, WEST, NMPM

Section 23: E/2 NE/4

(x) That the Gavilan-Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 1 WEST, NMPM

Section 6: SW/4

TOWNSHIP 25 NORTH, RANGE 2 WEST, NMPM

Section 9: NW/4

(y) That the Gobernador Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 30 NORTH, RANGE 5 WEST, NMPM

Section 31: SE/4

(z) That the Gonzales Mesa Verde Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 30: SE/4

Section 31: NE/4

(aa) That the West Kutz Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM

Section 19: S/2

(bb) That the Kutz Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM

Section 4: NW/4 NE/4

(cc) That the West Kutz Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 11 WEST, NMPM
Section 32: NE/4

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM
Section 9: W/2
Section 16: NW/4

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
Section 20: SE/4

TOWNSHIP 29 NORTH, RANGE 13 WEST, NMPM
Section 18: SW/4
Section 19: N/2

TOWNSHIP 29 NORTH, RANGE 14 WEST, NMPM
Section 13: All
Section 24: N/2

(dd) That the South Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 27: N/2 S/2

(ee) That the West Lindrith Gallup-Dakota Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 3 WEST, NMPM
Section 7: N/2
Section 8: W/2
Section 17: NE/4

TOWNSHIP 24 NORTH, RANGE 4 WEST, NMPM
Section 4: All
Section 8: S/2
Section 10: NW/4 and SE/4
Section 14: NW/4
Section 15: NE/4
Section 25: SE/4

TOWNSHIP 25 NORTH, RANGE 4 WEST, NMPM
Section 13: SW/4
Section 21: NW/4
Section 23: E/2
Section 24: N/2
Section 26: E/2
Section 31: W/2

TOWNSHIP 25 NORTH, RANGE 5 WEST, NMPM
Section 35: SE/4
Section 36: S/2

(ff) That the South Los Pinos Fruitland-Pictured Cliffs Gas Pool in San Juan County, New Mexico as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 32 NORTH, RANGE 7 WEST, NMPM
Section 25: S/2
Section 32: SE/4
Section 33: NE/4

Page 9 of 16
Examiner Hearing - Wednesday - December 16, 1981

(gg) That the Lybrook Gallup Oil Pool in Sandoval, San Juan, and Rio Arriba Counties, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 6 WEST, NMPM

Section 6: E/2 SW/4
Section 7: NE/4 NW/4

TOWNSHIP 23 NORTH, RANGE 7 WEST, NMPM

Section 1: W/2 SW/4 and SW/4 NW/4
Section 6: NW/4 and W/2 NE/4 and SE/4 NE/4
Section 8: NE/4 and W/2 SE/4
Section 12: NW/4 NW/4
Section 14: W/2
Section 15: W/2 NE/4

TOWNSHIP 24 NORTH, RANGE 7 WEST, NMPM

Section 29: SW/4 SE/4
Section 30: S/2 S/2
Section 31: All
Section 32: W/2 E/2

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 23: S/2 S/2
Section 25: W/2 NW/4 and SW/4 and S/2 SE/4
Section 26: E/2 NE/4
Section 36: All

(hh) That the Miguel Creek Gallup Oil Pool in McKinley County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 16 NORTH, RANGE 6 WEST, NMPM

Section 20: E/2 SE/4
Section 28: NW/4 NW/4
Section 29: E/2 NE/4 and NW/4 NE/4

(ii) That the Nagcezi Gallup Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 23 NORTH, RANGE 8 WEST, NMPM

Section 5: W/2
Section 6: N/2
Section 8: NE/4
Section 9: W/2 and NE/4
Section 16: NW/4

TOWNSHIP 24 NORTH, RANGE 8 WEST, NMPM

Section 32: All

(jj) That the Otero Chacra Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 4: N/2

TOWNSHIP 26 NORTH, RANGE 5 WEST, NMPM

Section 28: W/2
Sections 29 & 30: All
Section 32: NW/4 and E/2
Section 33: W/2 and SE/4

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 22: NE/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM

Section 5: NE/4
Section 9: All
Section 10: SW/4

(kk) That the Otero Gallup Oil Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 24 NORTH, RANGE 5 WEST, NMPM
 Section 1: W/2 NW/4 and SE/4 NW/4
 Section 2: N/2 NE/4

(ll) That the Pejarito Pennsylvanian D Oil Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 17 WEST, NMPM
 Section 31: NW/4 NE/4

(mm) That the Pinon Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 28 NORTH, RANGE 11 WEST, NMPM
 Section 16: W/2
 Section 17: E/2

(nn) That the North Pinon Fruitland Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 29 NORTH, RANGE 12 WEST, NMPM
 Section 33: W/2

(oo) That the Rusty Chacra Gas Pool in Sandoval County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 21 NORTH, RANGE 6 WEST, NMPM
 Section 4: SW/4
 Section 5: S/2 and NW/4
 Section 6: All
 Section 7: NW/4
 Section 9: W/2

TOWNSHIP 22 NORTH, RANGE 6 WEST, NMPM
 Section 17: SW/4
 Section 18: NW/4 and SE/4
 Section 20: NW/4 and SE/4
 Section 27: SW/4
 Section 28: S/2
 Section 29: S/2
 Section 30: NW/4 and SE/4
 Section 31: E/2
 Section 32: W/2 and NE/4
 Section 34: N/2
 Section 35: N/2 and SE/4
 Section 36: SW/4

TOWNSHIP 22 NORTH, RANGE 7 WEST, NMPM
 Section 10: N/2
 Section 11: NW/4
 Section 12: SW/4
 Section 17: S/2
 Section 27: S/2 and NW/4
 Section 28: E/2
 Section 34: NE/4

(pp) That the Tepacito Pictured Cliffs Gas Pool in Rio Arriba County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
 Section 5: SW/4
 Section 6: SE/4
 Section 9: SW/4
 Section 16: N/2 and SE/4

Page 11 of 16
 Examiner Hearing - Wednesday - December 16, 1981

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM

Section 3: All
 Section 4: E/2 and NW/4
 Section 5: NE/4
 Section 9: NE/4
 Section 10: N/2

TOWNSHIP 28 NORTH, RANGE 5 WEST, NMPM

Section 31: NW/4
 Section 32: S/2

(qq) That the Ute Dome Dakota Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 32 NORTH, RANGE 14 WEST, NMPM

Section 26: SE/4
 Section 34: NE/4

(rr) That the WAM Fruitland Pictured Cliffs Gas Pool in San Juan County, New Mexico, as heretofore classified, defined and described, is hereby extended to include:

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 25: S/2
 Section 26: SE/4

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM

Section 4: SE/4
 Section 10: S/2

TOWNSHIP 27 NORTH, RANGE 12 WEST, NMPM

Section 30: NW/4

TOWNSHIP 27 NORTH, RANGE 13 WEST, NMPM

Section 4: SW/4
 Section 5: S/2
 Section 7: NE/4
 Section 8: All
 Section 9: W/2 and SE/4
 Section 16: N/2
 Section 17: NE/4

CASE 7447: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, assigning a discovery allowable, contracting, and extending certain pools in Chaves, Eddy, Lea and Roosevelt Counties, New Mexico:

(a) CREATES a new pool in Lea County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and designated as the Draper Mill-Upper Pennsylvanian Gas Pool with vertical limits defined as from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on log of discovery well the HNG Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM

Section 16: W/2

(b) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the Dora-Pennsylvanian Pool. The discovery well is Enserch Exploration Inc. Annie Harvey Well No. 1 located in Unit J of Section 6, Township 5 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM

Section 6: SE/4

Page 12 of 16

Examiner Hearing - Wednesday - December 16, 1981

(c) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Montoya production and designated as the Lightcap Montoya Gas Pool. The discovery well is Aikman Petroleum, Inc. Sanders Well No. 1 located in Unit E of Section 8, Township 8 South, Range 30 East, NNPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NNPM
Section 8: W/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Loving-Cherry Canyon Pool. Further, to assign approximately 18,240 barrels of discovery allowable to the discovery well, the Pogo Production Company NEL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NNPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NNPM
Section 9: SE/4

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the Highway Strawn Pool. The discovery well is David Tashen Consolidated State Well No. 2 located in Unit A of Section 8, Township 17 South, Range 37 East, NNPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NNPM
Section 8: NE/4

(f) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Pecos Slope-Abo Gas Pool. The discovery well is Yates Petroleum Corporation Federal HY Well No. 2 located in Unit O of Section 33, Township 7 South, Range 25 East, NNPM. Said pool would comprise:

TOWNSHIP 4 SOUTH, RANGE 24 EAST, NNPM
Section 35: SE/4
Section 36: S/2

TOWNSHIP 4 SOUTH, RANGE 25 EAST, NNPM
Section 31: SW/4

TOWNSHIP 5 SOUTH, RANGE 24 EAST, NNPM
Section 1: All
Section 2: E/2 and SW/4
Section 9: SE/4
Section 10: All
Section 11: All
Section 12: All
Section 13: All
Section 14: All
Section 15: All
Section 16: E/2
Section 21: E/2
Section 22: All
Section 23: All
Section 24: All
Section 25: All
Section 26: All
Section 27: All
Section 28: E/2
Section 31: S/2
Section 32: S/2
Section 33: E/2 and SW/4
Section 34: All
Section 35: All
Section 36: All

TOWNSHIP 5 SOUTH, RANGE 25 EAST, NNPM
Section 6: W/2
Section 7: NW/4
Section 31: W/2 and SE/4
Section 32: S/2

TOWNSHIP 6 SOUTH, RANGE 24 EAST, NMPM

Section 1: All

TOWNSHIP 6 SOUTH, RANGE 25 EAST, NMPM

Section 1 thru Section 36: All

TOWNSHIP 7 SOUTH, RANGE 25 EAST, NMPM

Section 1: All

Section 2: All

Section 3: All

Section 4: All

Section 5: All

Section 6: E/2

Section 7: N/2

Section 8: All

Section 9: All

Section 10: All

Section 11: All

Section 12: All

Section 13: N/2 and SE/4

Section 14: N/2

Section 15: N/2

Section 16: All

Section 17: All

Section 20: N/2

Section 21: All

Section 28: All

Section 33: All

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

Section 19: S/2

(g) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the West Pecos Slope-Abo Gas Pool. The discovery well is Mesa Petroleum Company Rock Federal Well No. 1 located in Unit J of Section 7, Township 8 South, Range 23 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 22 EAST, NMPM

Section 12: NW/4 and E/2

Section 13: E/2

TOWNSHIP 8 SOUTH, RANGE 23 EAST, NMPM

Section 6: S/2

Section 7: All

Section 8: S/2

Section 18: N/2 and SW/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring Oil production and designated as the Red Bluff-Bone Spring Pool. The discovery well is HCW Exploration, Inc. Dorstate Well No. 1 located in Unit H of Section 27, Township 25 South, Range 28 East, NMPM. said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM

Section 27: NE/4

(i) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Willow Lake-Bone Spring Pool. The discovery well is Maddox Energy Corporation Union Federal Well No. 1 located in Unit H of Section 33, Township 24 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM

Section 33: NE/4

(j) CONTRACT the vertical limits of the North Shoebar Pennsylvanian Pool in Lea County, New Mexico, to the Strawn formation only and redesignate pool to the Northwest Shoebar-Strawn Pool. Said pool described as:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
 Section 15: SE/4

(k) EXTEND the Avalon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
 Section 28: S/2
 Section 29: E/2
 Section 32: E/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
 Section 2: Lots 9, 10, 15, 16, and
 SE/4

(l) EXTEND the South Bell Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM
 Section 13: E/2

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
 Section 17: All

(m) EXTEND the Bunting Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 23 EAST, NMPM
 Section 30: S/2
 Section 31: N/2

(n) EXTEND the West Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
 Section 30: E/2

(o) EXTEND the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
 Section 25: N/2 SW/4 and NW/4
 Section 26: NE/4 and S/2
 Section 27: S/2 SE/4

(p) EXTEND the Diamond Mound-Morrow Gas Pool in Chaves County, New Mexico to include therein:

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM
 Section 35: N/2

(q) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
 Section 36: E/2

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
 Section 31: NW/4

Page 15 of 16

Examiner Hearing - Wednesday - December 16, 1981

(r) EXTEND the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 14: NE/4

(s) EXTEND the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

(t) EXTEND the South Millman-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 30: N/2

(u) EXTEND the West Nadins-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 8: SE/4
Section 9: SW/4

(v) EXTEND the Nadine-Drinkard-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM
Section 22: NE/4

(w) EXTEND the Oil Center-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: E/2 SW/4

(x) EXTEND the Oil Center-Glorieta Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: NE/4

(y) EXTEND the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM
Section 35: S/2 NE/4 and SE/4
Section 36: S/2

(z) EXTEND the Robina Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 6: E/2
Section 7: E/2

(aa) EXTEND the Sawyer-San Andres Associated Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
Section 36: NE/4

(bb) EXTEND the North Shoebar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

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

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 36: SW/4

(dd) EXTEND the Townsend-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 23: N/2

(ee) EXTEND the Turkey Track-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: E/2
Section 35: W/2

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 2: N/2
Section 3: All

(ff) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico to include therein:

TOWNSHIP 9 SOUTH, RANGE 29 EAST, NMPM
Section 7: NE/4

NEW POOLS

It is recommended that a new GAS pool be created and designated as the DRAPER MILL-UPPER PENNSYLVANIAN GAS POOL.

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

Discovery well was HNG Oil Company Vaca Draw 16 State #1 located in Unit E Section 16 Township 25 Range 33 and was completed on September 23, 1981. Top of perforations is at 14,248 feet.

It is recommended that a new OIL pool be created and designated as the DORA-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 ENSERCH EXPLORATION, INC. ANNIE HARVEY #1 located in Unit J Section 6 Township 5 Range 33 and was completed on July 19, 1981. Top of perforations is at 8,190 feet.

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

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

Discovery well was AIKMAN PETROLEUM, INC. SANDERS #1 located in Unit E Section 8 Township 8 Range 30 and was completed on September 21, 1981. Top of perforations is at 7,903 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the LOVING-CHERRY CANYON Pool.

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

Discovery well was POGO PRODUCTION COMPANY NEL #2 located in Unit 1 Section 9 Township 23 Range 28 and was completed on August 1, 1981. Top of perforations is at 3,648 feet.

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

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

Discovery well was David Fasken Consolidated State #2 located in Unit A Section 8 Township 17 Range 37 and was completed on July 2, 1981. Top of perforations is at 10,725 feet.

It is recommended that a new GAS pool be created and designated as the PECOS SLOPE-ABO GAS Pool.

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

Discovery well was Yates Petroleum Corporation Federal HY #2 located in Unit 0 Section 33 Township 7 Range 25 and was completed on May 16, 1979. Top of perforations is at 3,548 feet.

NEW POOLS

It is recommended that a new GAS pool be created and designated as the WEST PECOS SLOPE-ABO GAS Pool.

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

Discovery well was MESA PETROLEUM CO. ROCK FEDERAL #1 located in Unit J Section 7 Township 8 Range 23 and was completed on October 7, 1980. Top of perforations is at 2,810 feet.

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

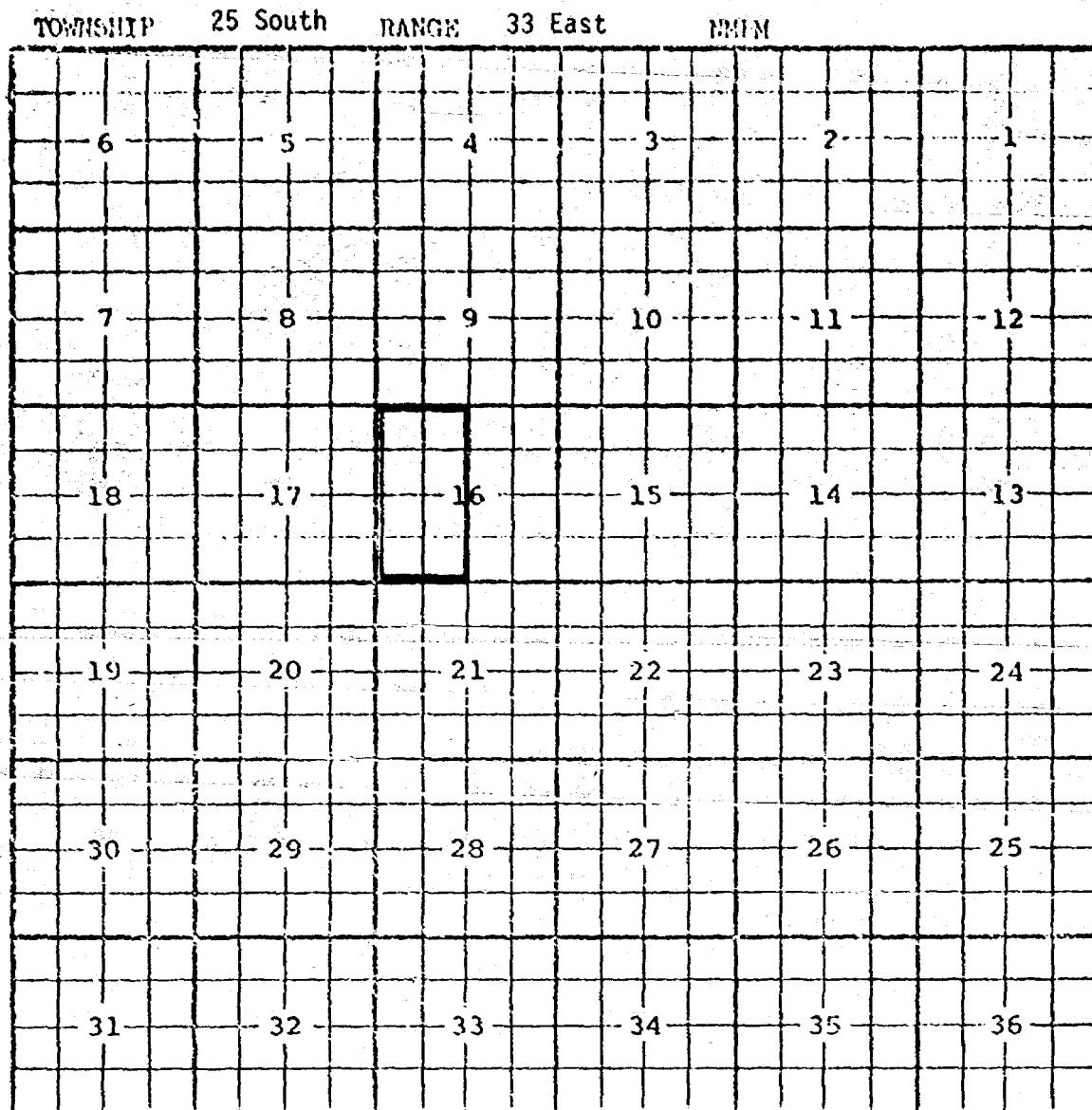
Vertical limits to be the BONE SPRING formation and the horizontal limits should be as follows: As shown in Paragraph (h) Exhibit I

Discovery well was HCW EXPLORATION, INC. DORSTATE #1 located in Unit H Section 27 Township 25 Range 28 and was completed on July 8, 1981. Top of perforations is at 6,412 feet.

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

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

Discovery well was MADDOX ENERGY, INC. UNION FEDERAL #1 located in Unit H Section 33 Township 24 Range 28 and was completed on August 6, 1981. Top of perforations is at 6,155 feet.



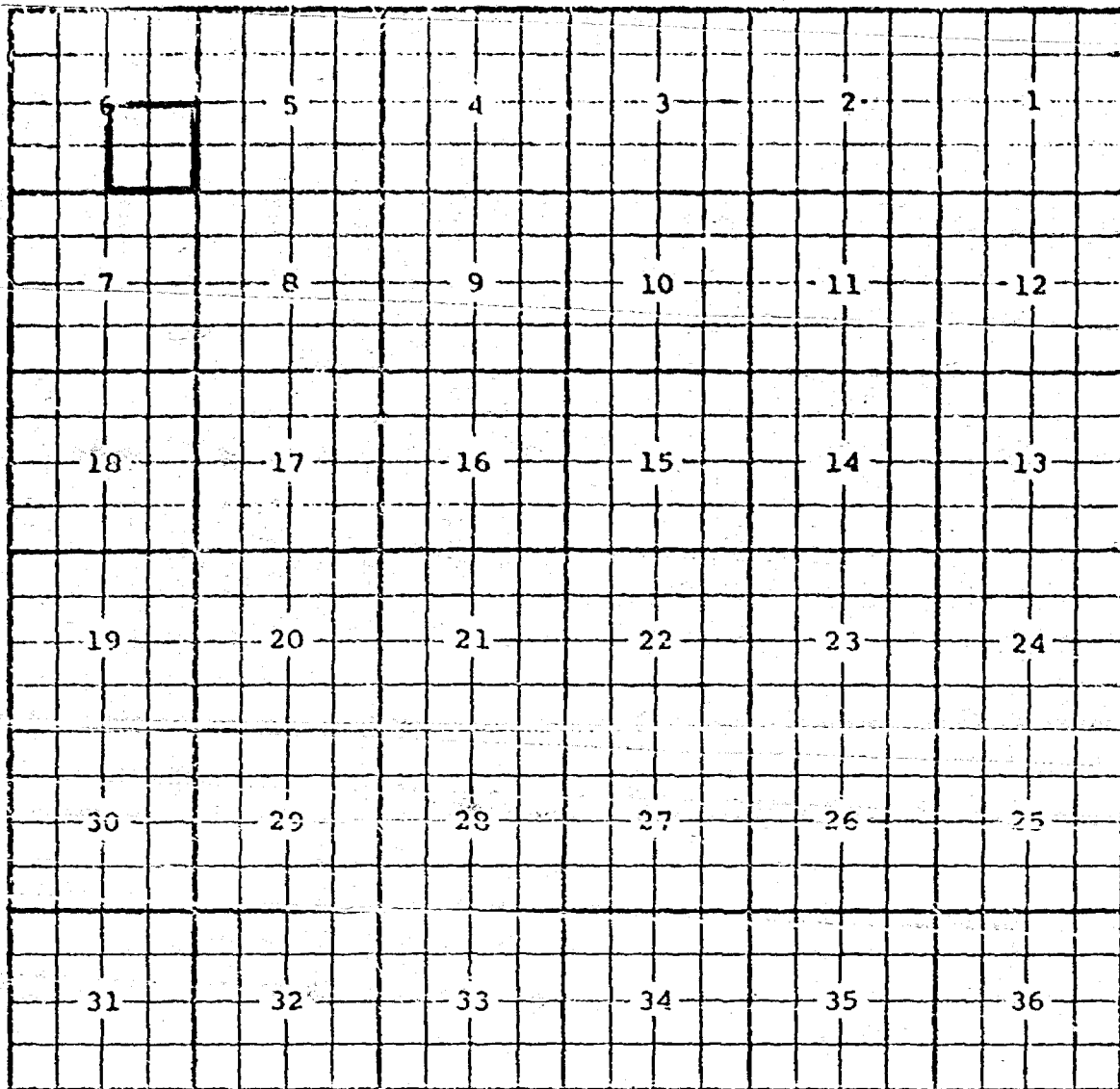
PURPOSE: One completed gas well capable of producing.
 Discovery well: HNG Oil Company Vaca Draw 16 State Well #1-E in Sec 16, T25S, R33E, completed Sept. 23, 1981, in Upper Penn (Atoka) formation. Top perf. 14248'.
 Vertical limits defined as found on log of discovery well from Top of Penn at 14,128 feet to Top of Morrow at 15003 feet.

Proposed pool boundary outlined in red. SECTION 16: W/2

CASE NO. 7447 (b) CREATION OF A NEW OIL POOL

COUNTY ROOSEVELT TOWN DORA-PENNSYLVANIAN

TOWNSHIP 5 South RANGE 33 East NMIM



PURPOSE: One completed oil well capable of producing.

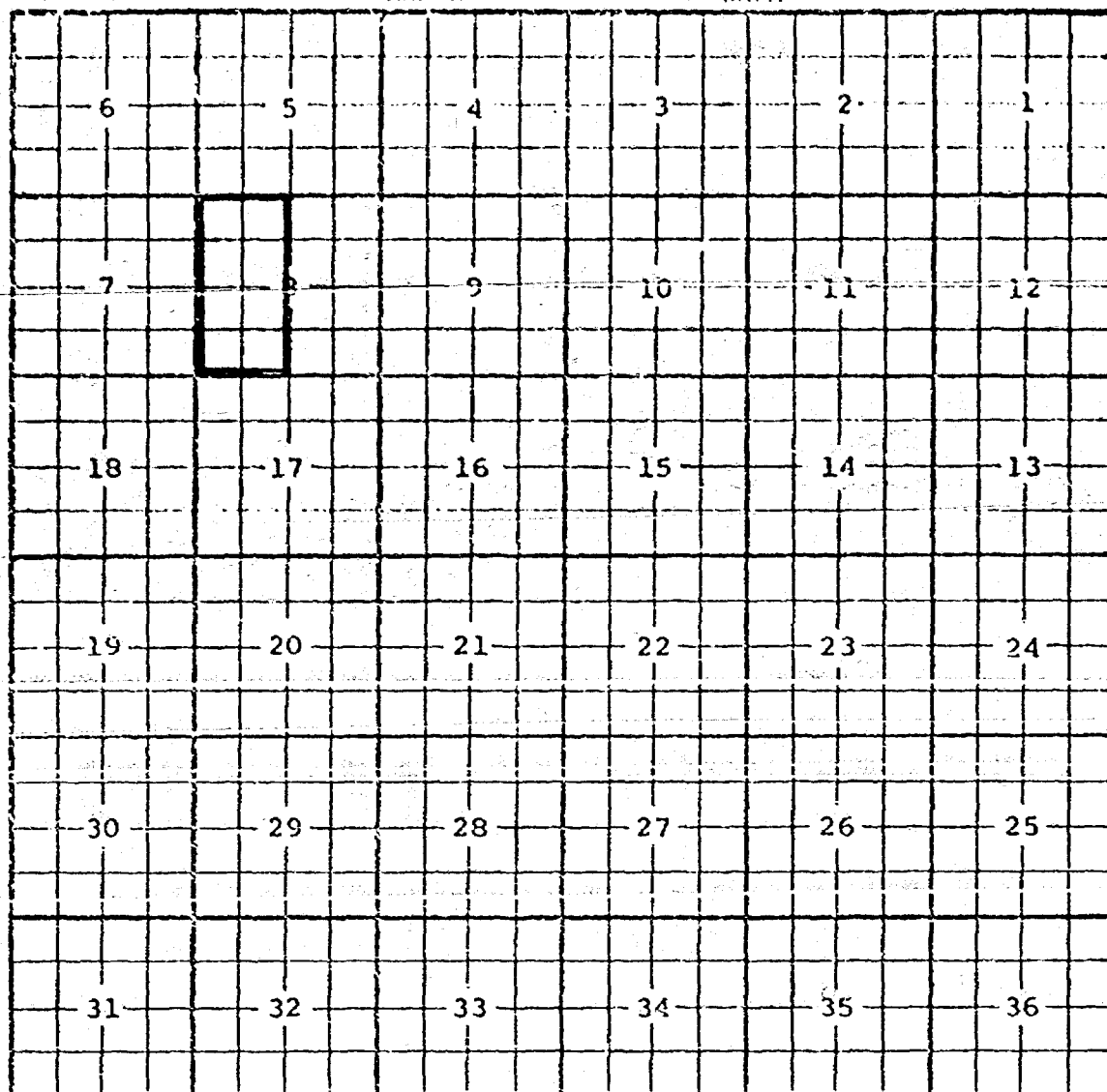
DISCOVERY WELL: Enserch Exploration, Inc. Annie Harvey Well #1-J in Sec 6, T5S, R33E, completed July 19, 1981, in the Pennsylvanian formation. Top Perf 8190 feet.

Proposed pool boundary outlined in red. SECTION 6: SE/4

CASE NO. 7447 (c) CREATION OF A NEW GAS POOL

COUNTY CHAVES POOL LIGHTCAP-MONTOYA GAS

TOWNSHIP 8 South RANGE 30 East NMIM



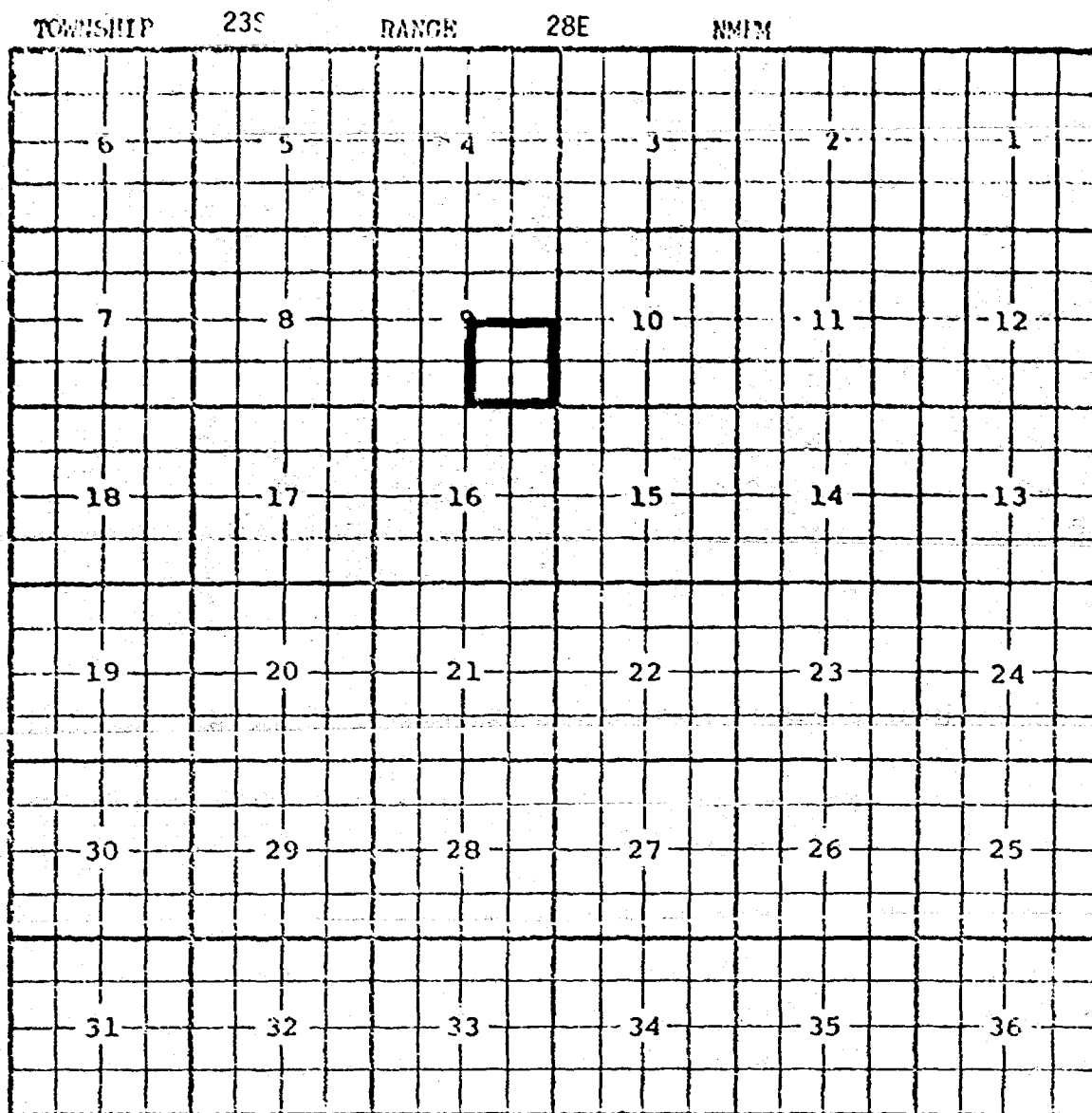
PURPOSE: One completed gas well capable of producing.

DISCOVERY WELL: Aikman Petroleum Inc. Sanders Well #1 located in Unit E, Sec. 8, Township 8 South, Range 30 East, completed September 21, 1981, in the Montoya formation. Top perf 7903 feet.

Proposed pool boundary outlined in red. SECTION 8: W/2

CASE NO. 7447 (d) CREATION OF A NEW OIL POOL & ASSIGNMENT OF DISCOVERY ALLOWABLE

COUNTY Eddy POOL Loving-Cherry Canyon



Purpose: One completed oil well capable of producing.

Disc. well: Pogo Production Company, NEL #2-1, 9-23-28

Comp. 8-1-81 through Cherry Canyon perfs 3648-3670

Further to assign approximately 18240 barrels of discovery allowable.

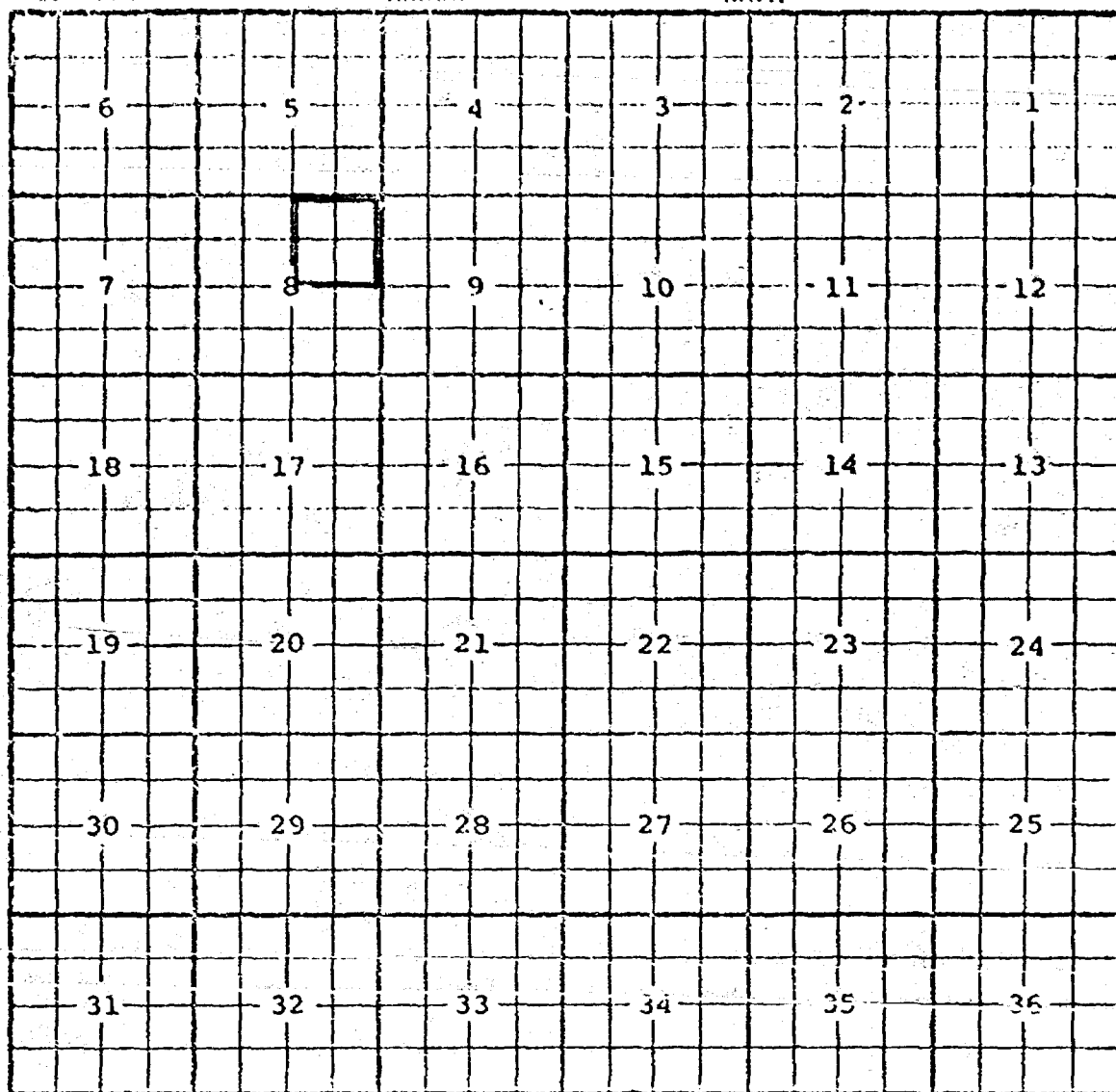
Proposed pool boundary outlined in blue.

Section 9: SE/4

TOWNSHIP 17 South

RANGE 37 East

NMIM



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: David Fasken Consolidated State Well #2-A in Sec. 8, T17S, R37E, completed July 2, 1981, in the Strawn formation. Top perf 10,725 feet.

Proposed pool boundary outlined in red. SECTION 8: NE/4

COUNTY Chaves

POOL

Pecos Slope-Abo Gas

TOWNSHIP 4S

RANGE 24E

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: 75 Completed gas wells capable of producing.

Disc. Well: See exhibit VII

Proposed pool boundary outlined in blue.

Section 35: SE/4

Section 36: S/2

COUNTY Chaves

POOL Pecos Slope-Abo Gas

TOWNSHIP

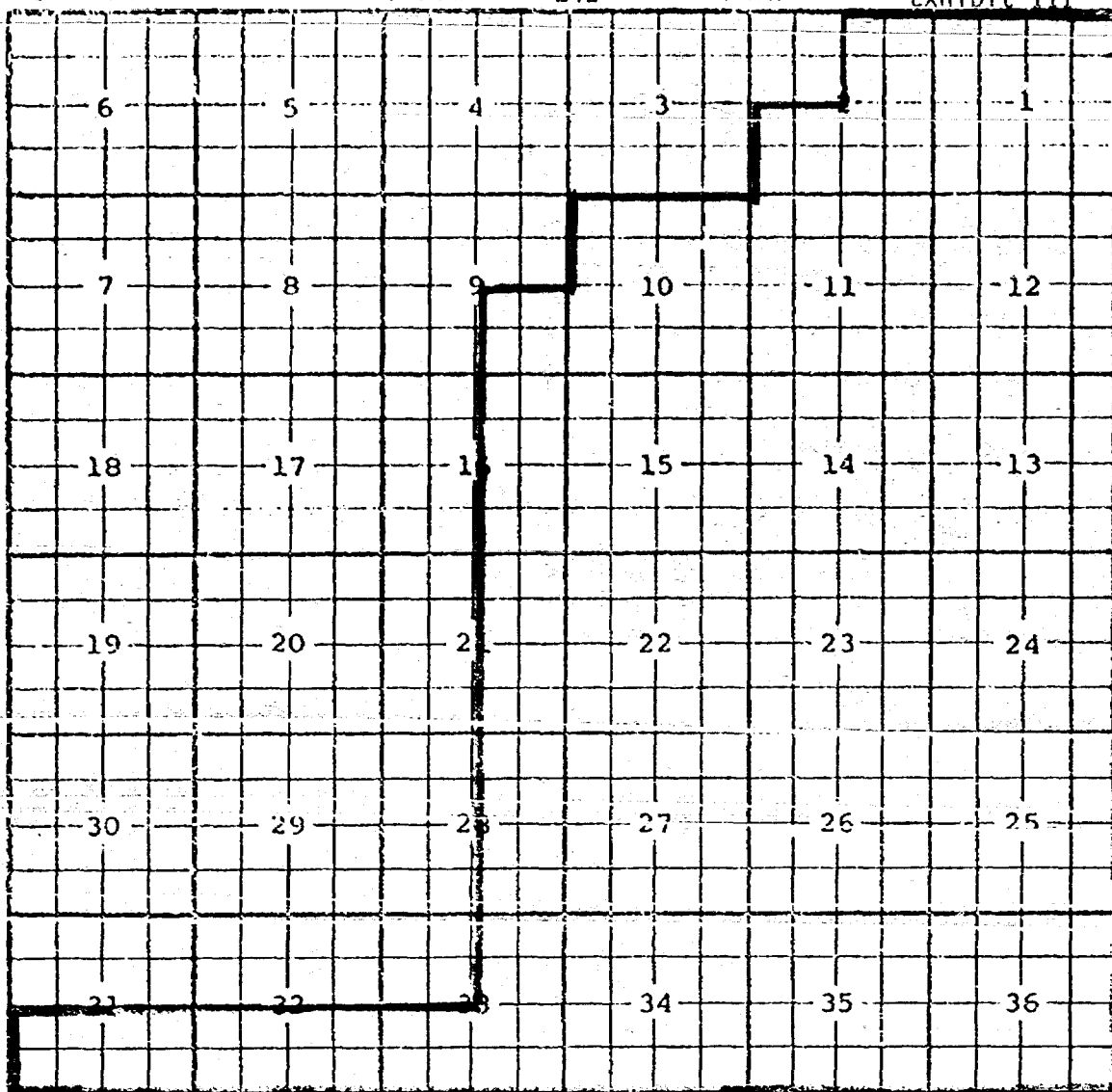
5S

RANGE

24E

NMM

Exhibit III



Purpose: See exhibit I

Disc. Well: See exhibit VII

Proposed pool boundary outlined in blue.

Section 1: ALL

Section 31: S/2

Section 2: E/2 & SW/4

Section 32: S/2

Section 9: SE/4

Section 10 - 15 ALL

Section 16: E/2

Section 21: E/2

Section 22-27 ALL

Section 28: E/2

Section 33: E/2 & SW/4

Section 34-36: ALL

COUNTY	Chaves	POOL	Pecos Slope- Abo Gas		
TOWNSHIP	5S	RANGE	25E	NMNM	
	5	4	3	2	1
	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

Disc. Well: See exhibit VII

Proposed pool boundary outlined in blue.

Section 6: W/2

Section 7: NW/4

Section 31: W/2 SE/4

Section 32: S/2

COUNTY Chaves POOL Pecos Slope-Abo Gas

TOWNSHIP 6S RANGE 24E NW1/4 Exhibit V

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: See Exhibit I

Disc. Well: See exhibit VII

Proposed Pool boundary outlined in blue.

Section 1: All (Partial Section)

COUNTY Chaves

POOL Pecos Slope Abo Gas

TOWNSHIP

6S

RANGE

25E

NMIM

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

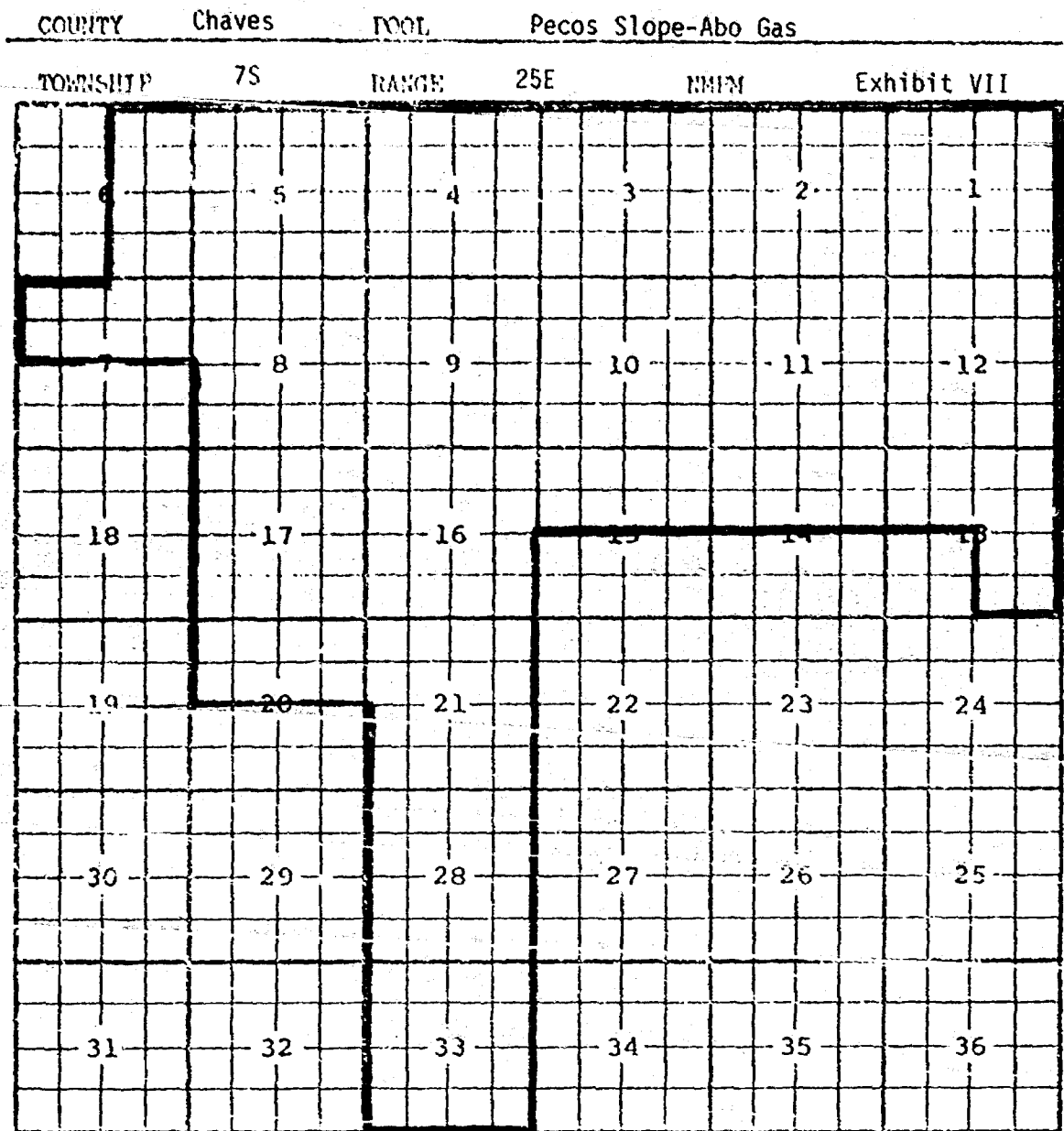
Purpose: See Exhibit I

Disc. Well: See exhibit VII

Proposed pool boundary outlined in blue.

Section 1: thru 6: ALL (Partial Section)

Section 7: thru 36 ALL



Purpose: See exhibit I

Disc. Well: Yates Petr. Corp. Federal HY #2-0, 33-7-25

Comp. 5/16/79 thru Abo perms. 3548-3880'.

Proposed pool boundary outlined in blue.

Section 1-5: ALL

Section 20: N/2

Section 6: E/2

Section 21: ALL

Section 7: N/2

Section 28: ALL

Section 8-12: ALL

Section 33: ALL

Section 13: N/2 & SE/4

Section 14: N/2

Section 15: N/2

Section 16-17: ALL

COUNTY Chaves

TPOOL Pecos Slope-Abo Gas

TOWNSHIP	7S	RANGE	26E	18N	Exhibit VIII
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

Disc. Well: See exhibit VII

Proposed extension outlined in blue.

Section 18: S/2

COUNTY Chaves TOWN West Pecos Slope-Abo Gas

TOWNSHIP	8S	RANGE	22E	MM	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: 10 completed gas wells capable of producing.

Disc. well: See exhibit II

Proposed pool boundary outlined in blue.

Section 12: NW/4 E/2

Section 13: E/2

COUNTY Chaves

POOL West Pecos Slope-Abo Gas

TOWNSHIP

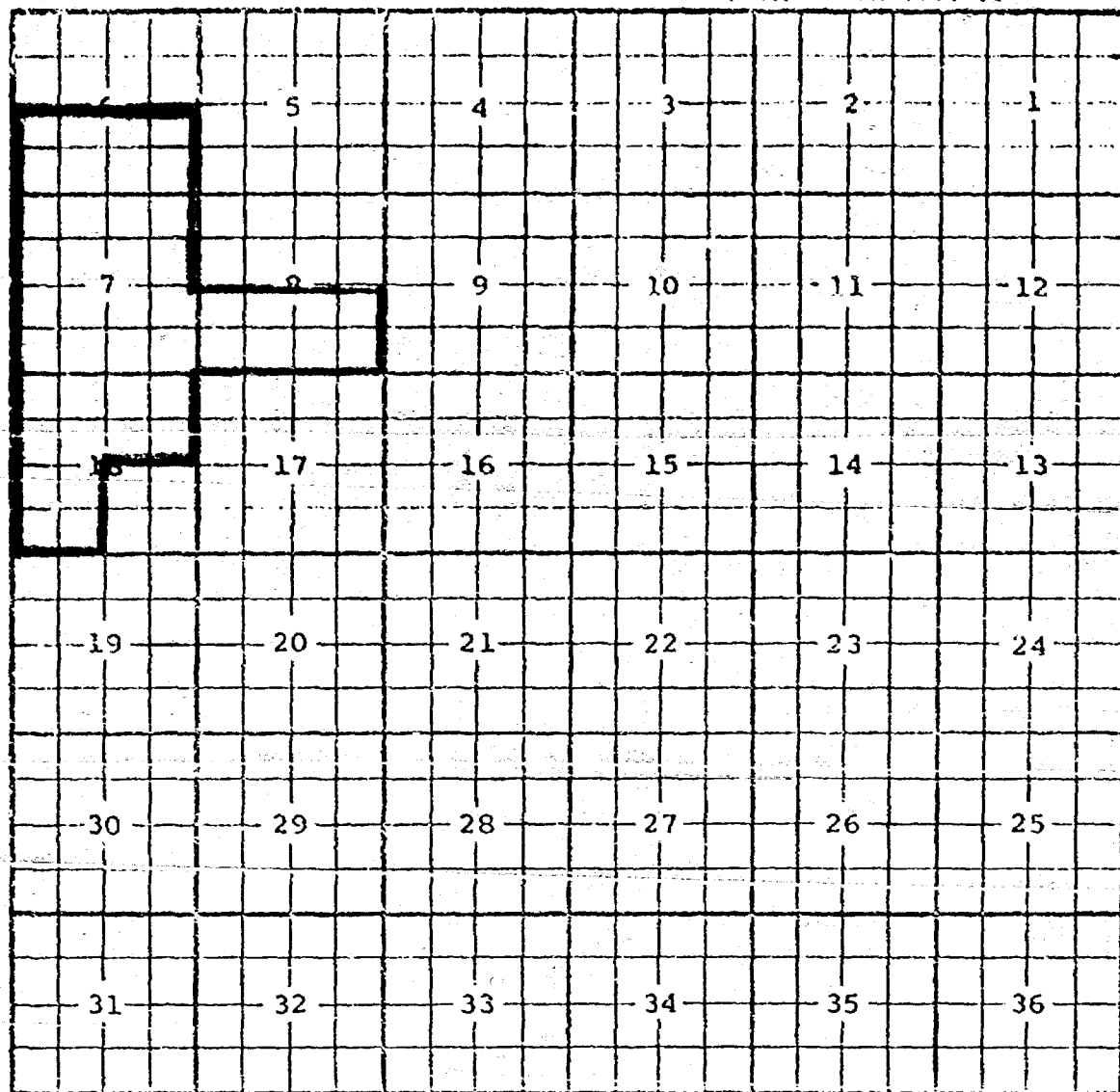
8S

RANGE

23E

SECTION

Exhibit II



Purpose: See exhibit I

Disc. well: Mesa Petroleum Co. Rock Federal #1-J, 7-8-23

Comp. 10-7-80 thru Abo perfs 2810-2819

Proposed pool boundary outlined in blue.

Section 6: S/2

Section 7: ALL

Section 8: S/2

Section 18: N/2 SW/4

CASE NO. 7447 (h) CREATION OF A NEW OIL POOL

COUNTY Eddy

POOL Red Bluff-Bone Spring

TOWNSHIP	25S	RANGE	28E	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
				36

Purpose: One completed oil well capable of producing.

Disc. Well: HCW Exploration, Inc. Dorstate #1-H, 27-25-28

Comp. 7-8-81 thru Bone Spring perms 6412-7890

Proposed pool boundary outlined in blue.

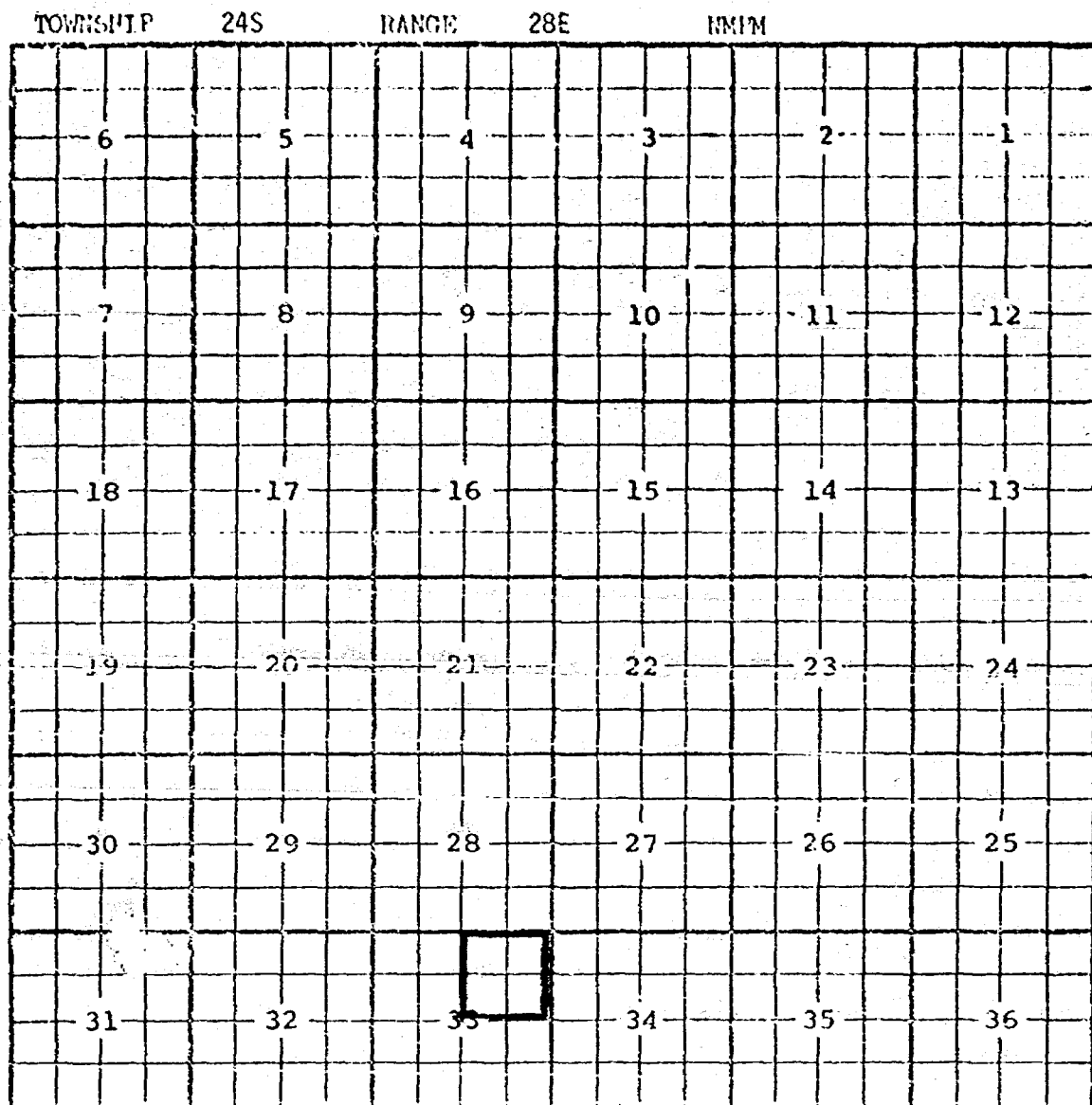
Section 27: NE/4

CASE NO. 7447 (1) CREATION OF A NEW OIL POOL

COUNTY Eddy

POOL

Willow Lake-Bone Spring



Purpose: One completed oil well capable of producing.

Disc. Well: Maddox Energy, Inc. Union Federal #1-H, 33-24-28

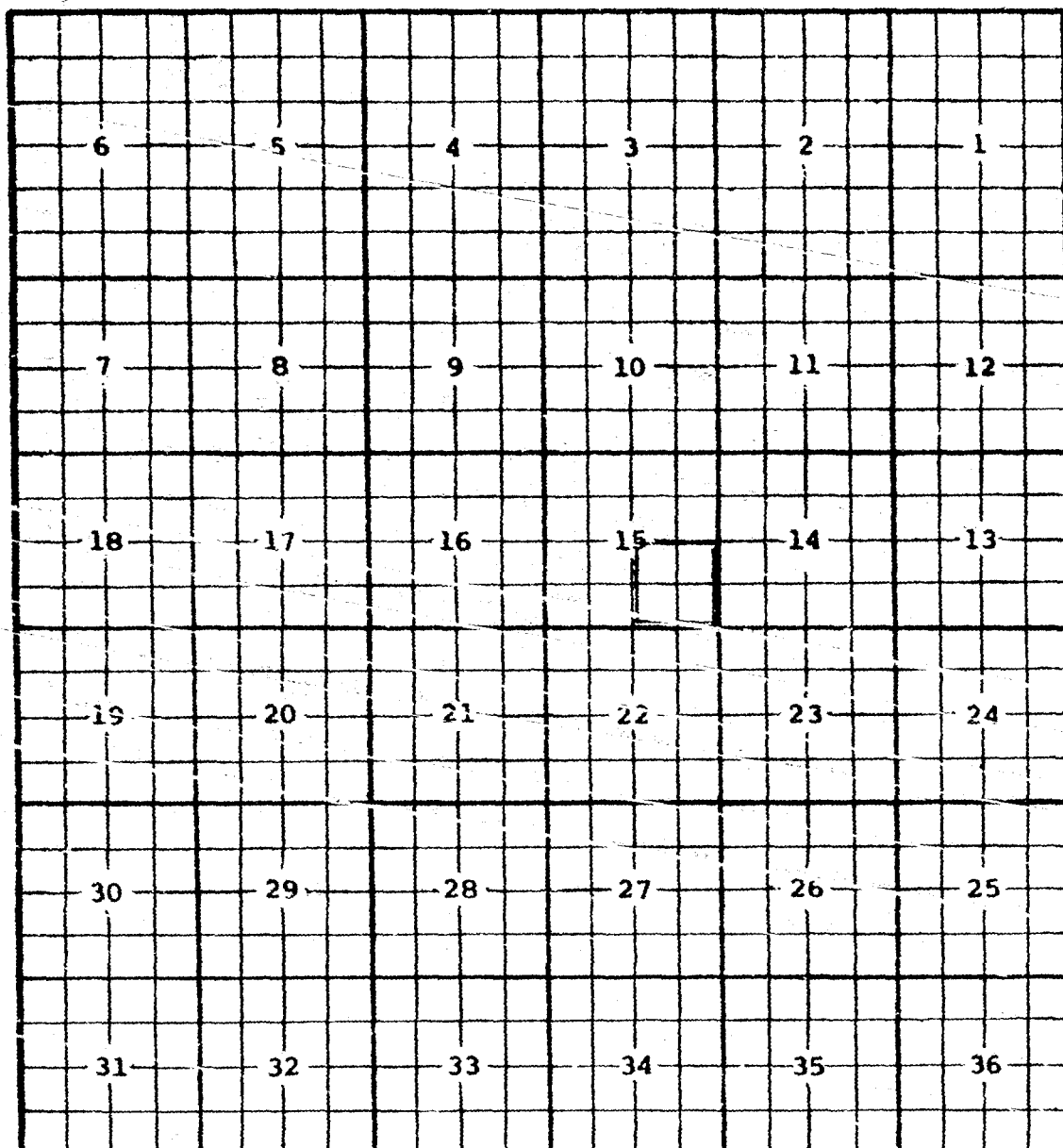
Comp. 8-6-81 thru Bone Spring perfs 6155-7058

Proposed pool boundary outlined in blue.

Section 33: NE/4

COUNTY LEA POOL NORTH SHOEBAR PENN redesignate to: NORTHWEST SHOEBAR-
STRAWN

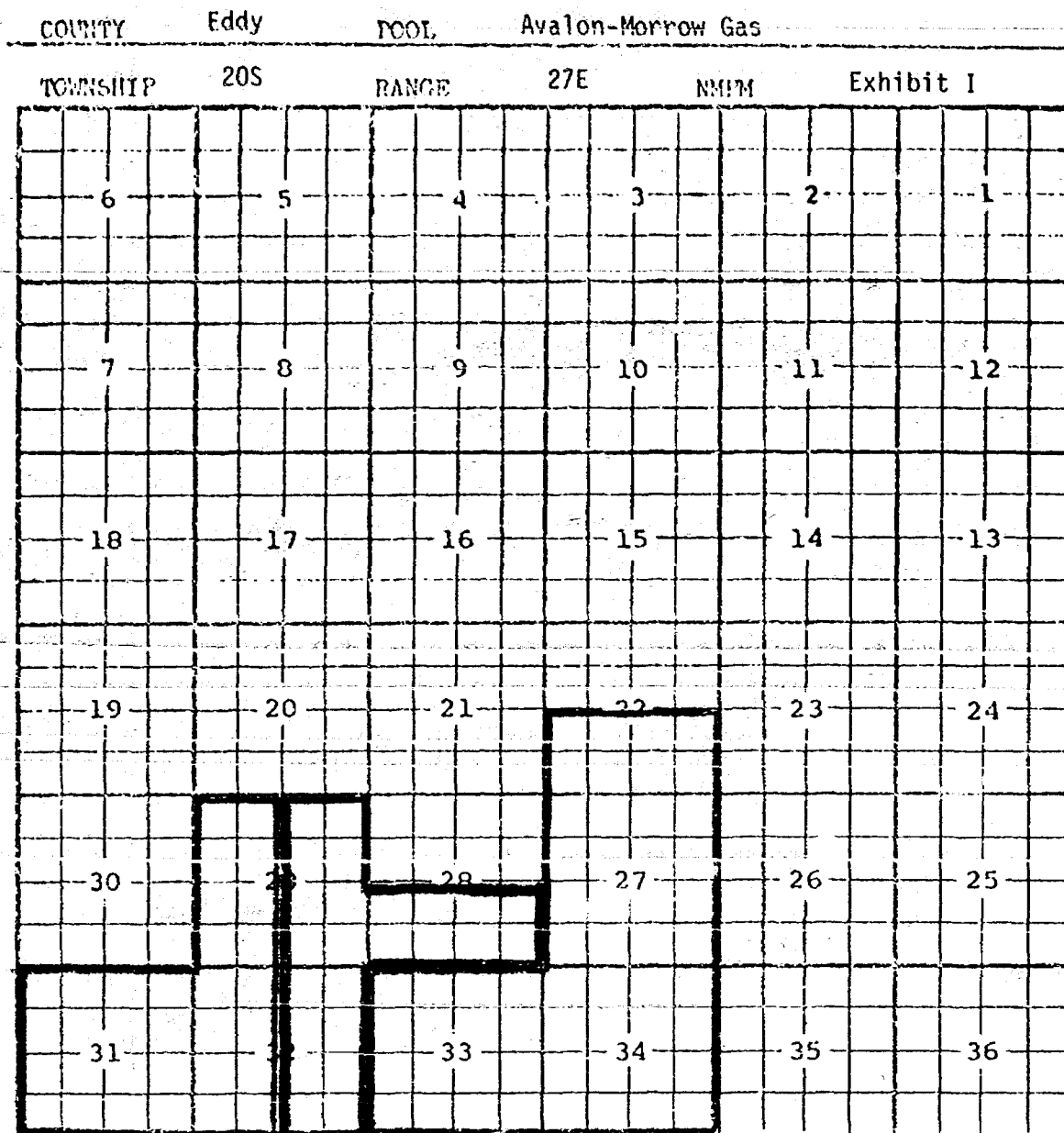
TOWNSHIP 16 South RANGE 35 East NMPM



PURPOSE: Contract vertical limits of North Shoebar Penn pool to Strawn formation and redesignate pool to NORTHWEST SHOEBAR-STRAWN POOL.

The V.F. Petroleum Inc. F.J. Danglade Well #1-J in Sec. 15, T16S, R35E, the only well in this pool, was originally completed thru Strawn perms and the redesignation of said pool would more correctly reflect producing interval.

Pool boundary outlined in red. SECTION 15: SE/4



Purpose: Two completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Maralo Inc.	Hanson Fed.	2-0	28-20-27	7-23-81	Morrow	10572
David Fasken	El Paso Fed.	6-J	2-21-26	9-5-81	Morrow	10858'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 28: S/2

Section 29: E/2

Section 32: E/2

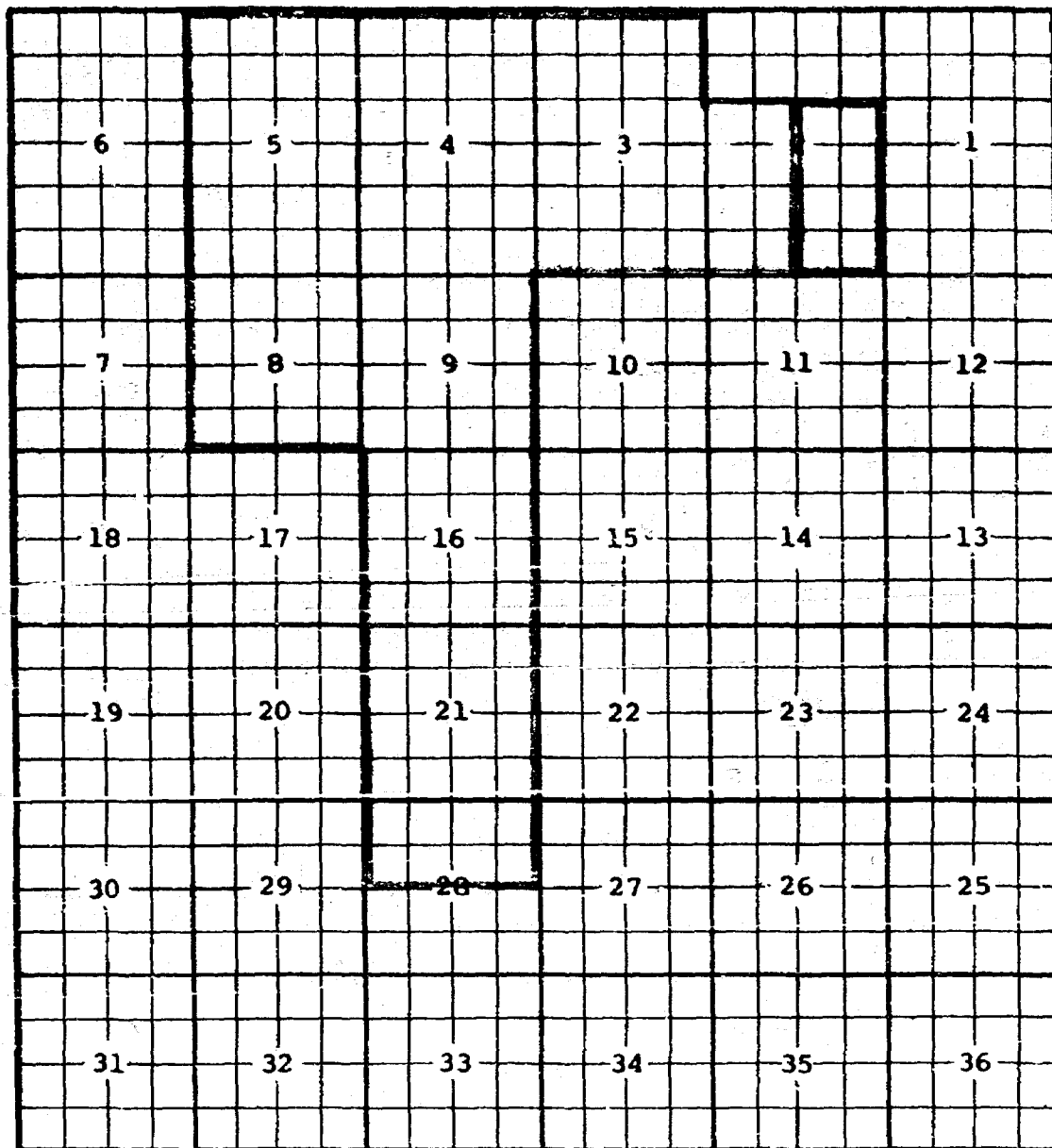
COUNTY Eddy

POOL Avalon-Morrow Gas

TOWNSHIP 21S

RANGE 26E

NMPM Exhibit II



Purpose: See exhibit I

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

See Exhibit I

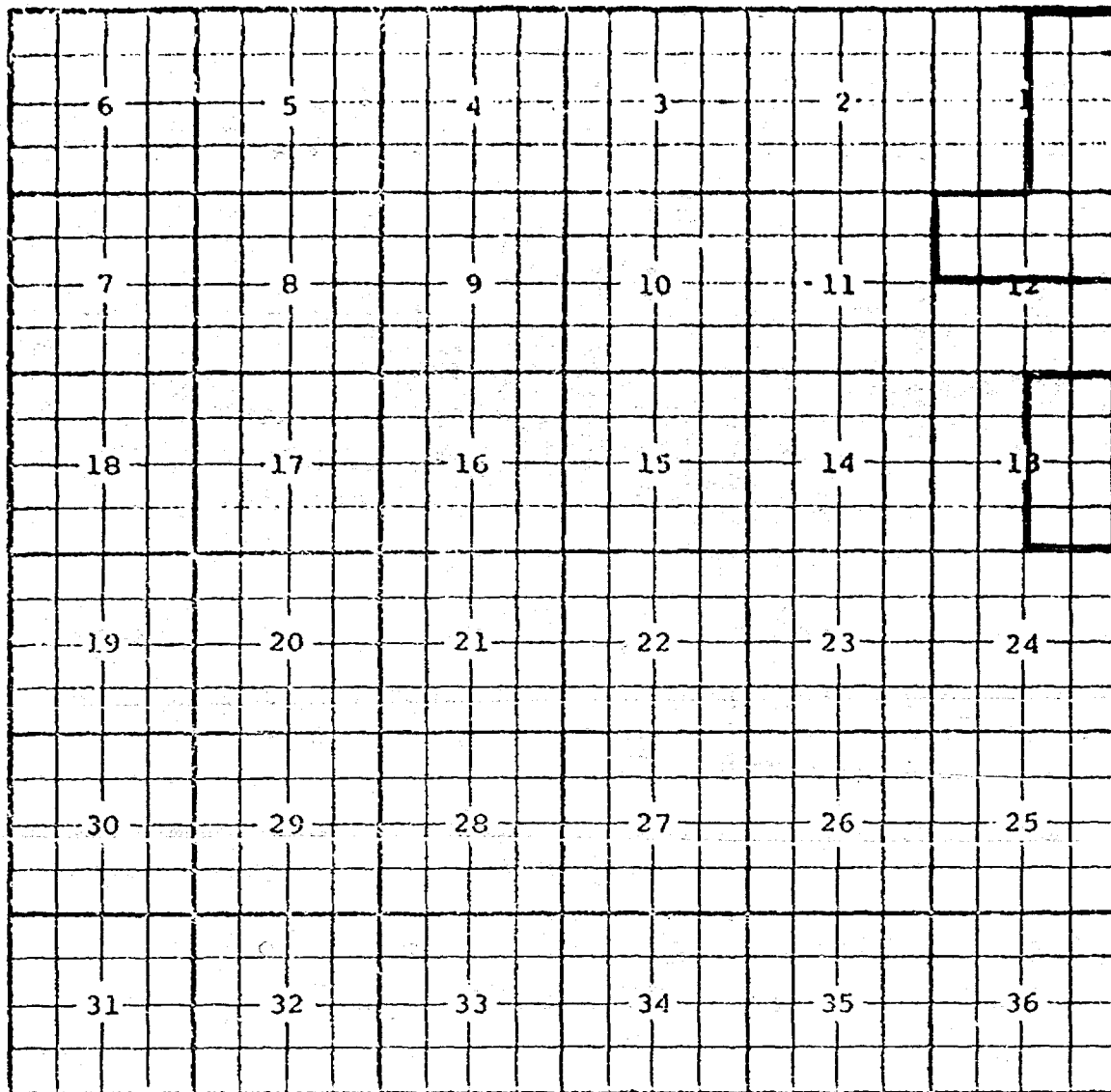
Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 2: lots 9, 10, 15, 16 & SE/4

COUNTY LEA POOL SOUTH BELL LAKE-MORROW GAS

TOWNSHIP 24 South RANGE 33 East NE/4



PURPOSE: Two completed gas wells capable of producing.

The Superior Oil Company Sims Well #1-H in Sec. 13, T24S, R33E, completed Sept. 22, 1981, in the Morrow formation. Top perf 14,752 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 13: E/2

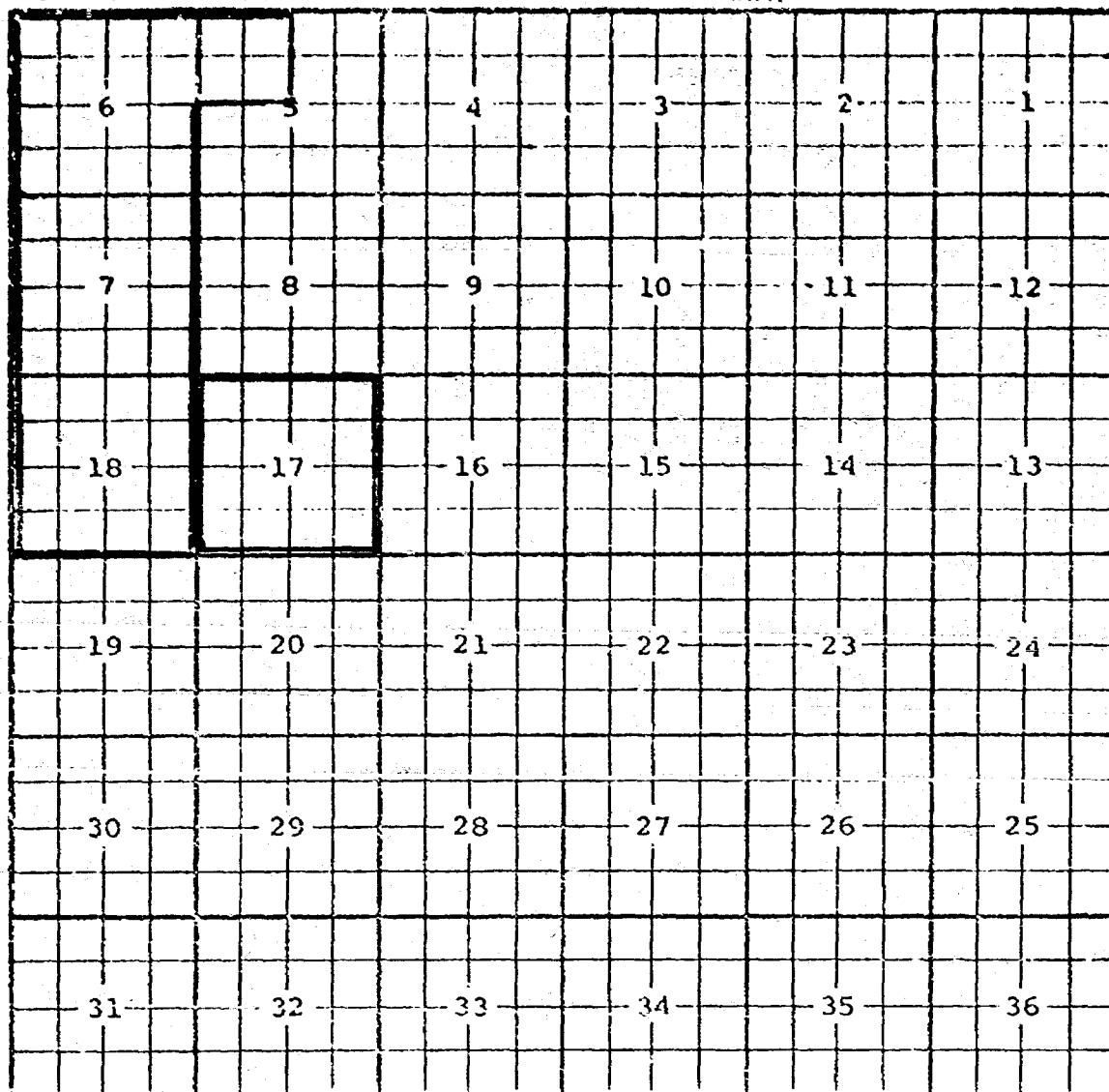
COUNTY LEA

POOL SOUTH BELL LAKE-MORROW GAS

TOWNSHIP 24 south

RANGE 34 East

NMIM



Superior Oil Co. Sims Well #1-H in Sec. 17, T24S, R34E, completed Aug. 28, 1981, in the Morrow formation. Top perf 14,575 feet.

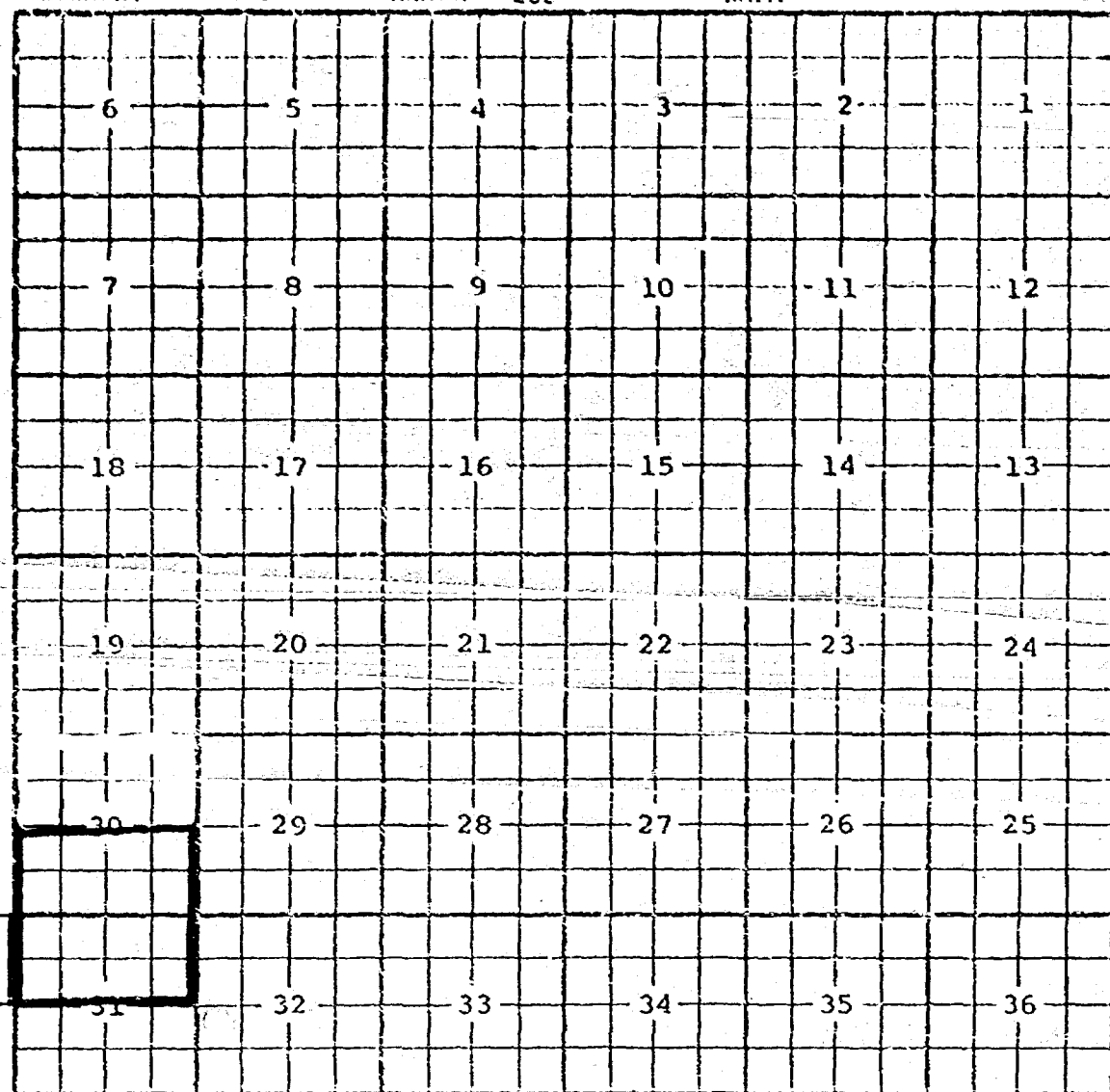
Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 17: A11

CASE NO. 7447 (m) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Bunting Ranch-Morrow Gas

TOWNSHIP 19S RANGE 23E NMIM



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Mitchell Energy Corp.	Runyan 30 St. Com	#1-N	30-19-23	9-19-81	Morrow	7697

Pool boundary outlined in red.

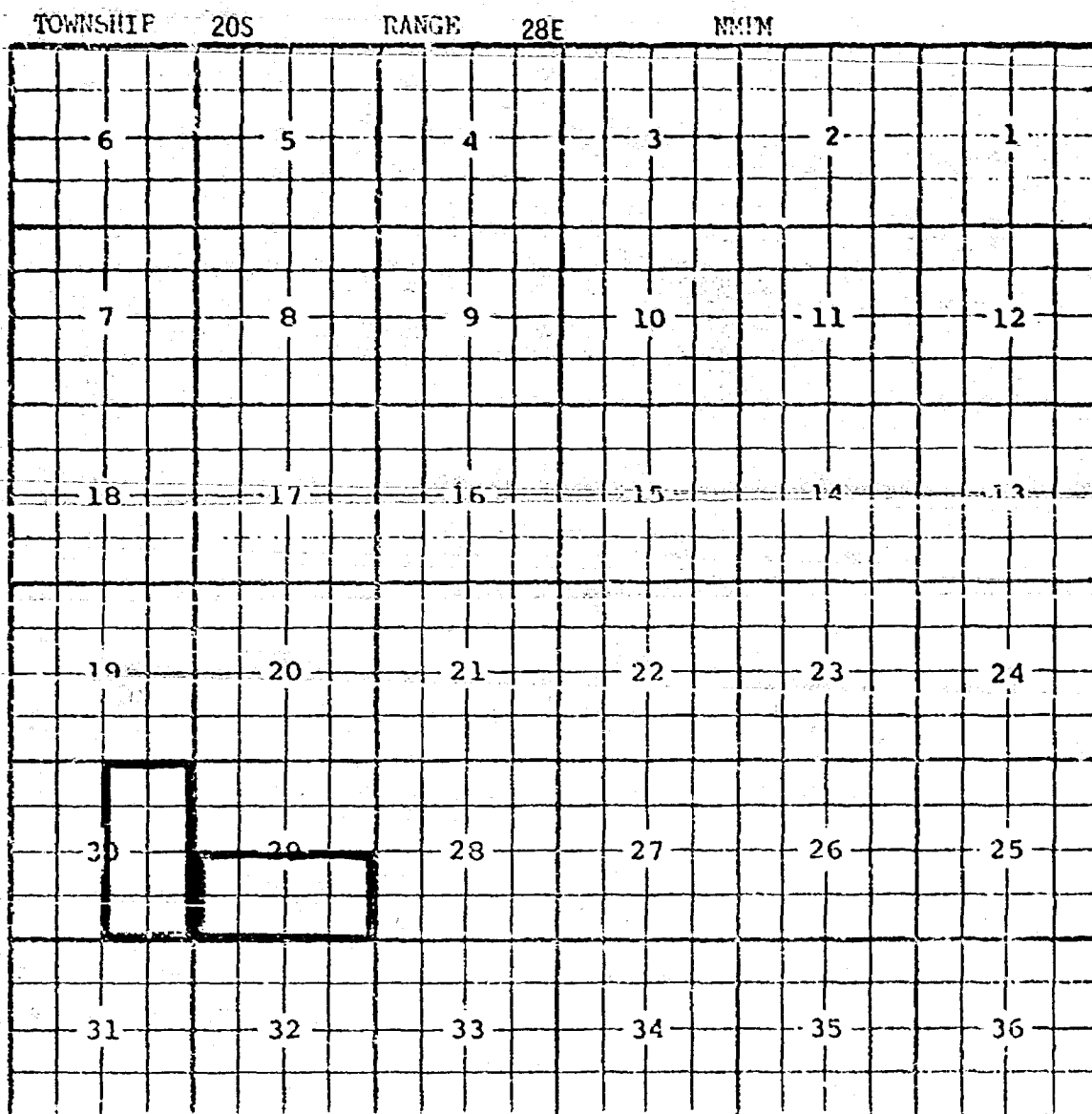
Proposed extension outlined in blue.

Section 30: S/2

Section 31: N/2

CASE NO. 7447 (n) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL West Burton Flat-Atoka Gas



Purpose: One completed gas well capable of producing.

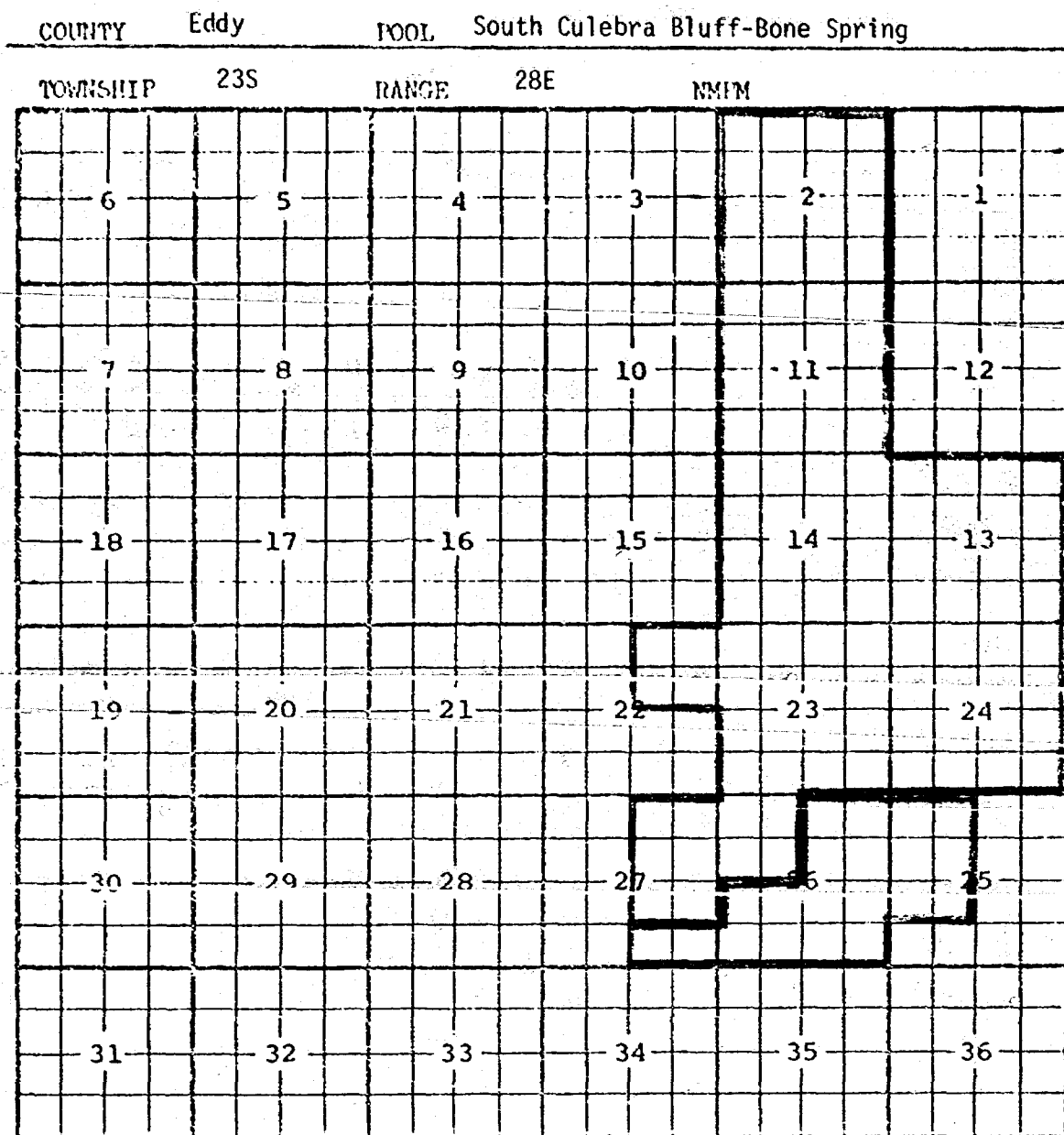
Operator Lease #<lt. S.T.R. Comp. Form. TOP
Yates Petr. Corp. Stonewall EP St. Com 4 H 30-20-28 10-19-81 Atoka 10553'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 30: E/2

CASE #7447(6) EXTENSION OF AN EXISTING OIL POOL



Purpose: Two completed oil wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Dinero Operating Co.	Giovergo	#1-L	25-23-28	7-15-81	Bone Spring	6420'
Maddox Energy, Inc.	Pardue Farms		27-23-28	9-26-81	Bone Spring	6272'
	27 Battery 1 #4-P					

Pool boundary outlined in red.

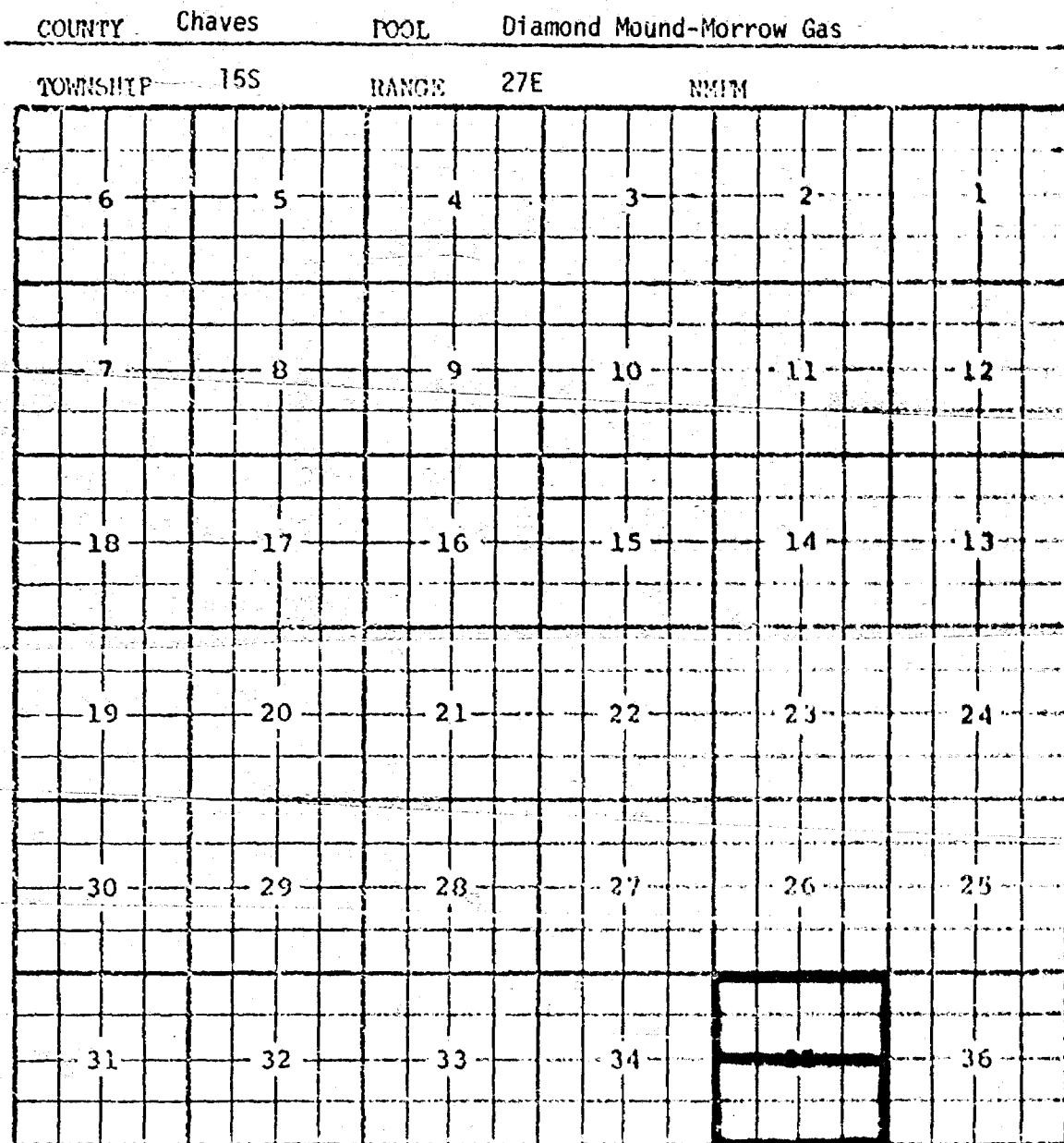
Proposed extension outlined in blue.

Section 25: N/2 SW/4 & NW/4

Section 26: NE/4 & S/2

Section 27: S/2 SE/4

CASE #7447 (p) EXTENSION OF AN EXISTING GAS POOL



Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut.	S. I. R.	Comp.	Form.	TOP
Mesa Pet. Co.	White State	#2-F	35-15-27	8-18-81	Morrow	8769'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 35: N/2

COUNTY LEA TOWN RANGE 32 East NMIM

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 gas well capable of producing.

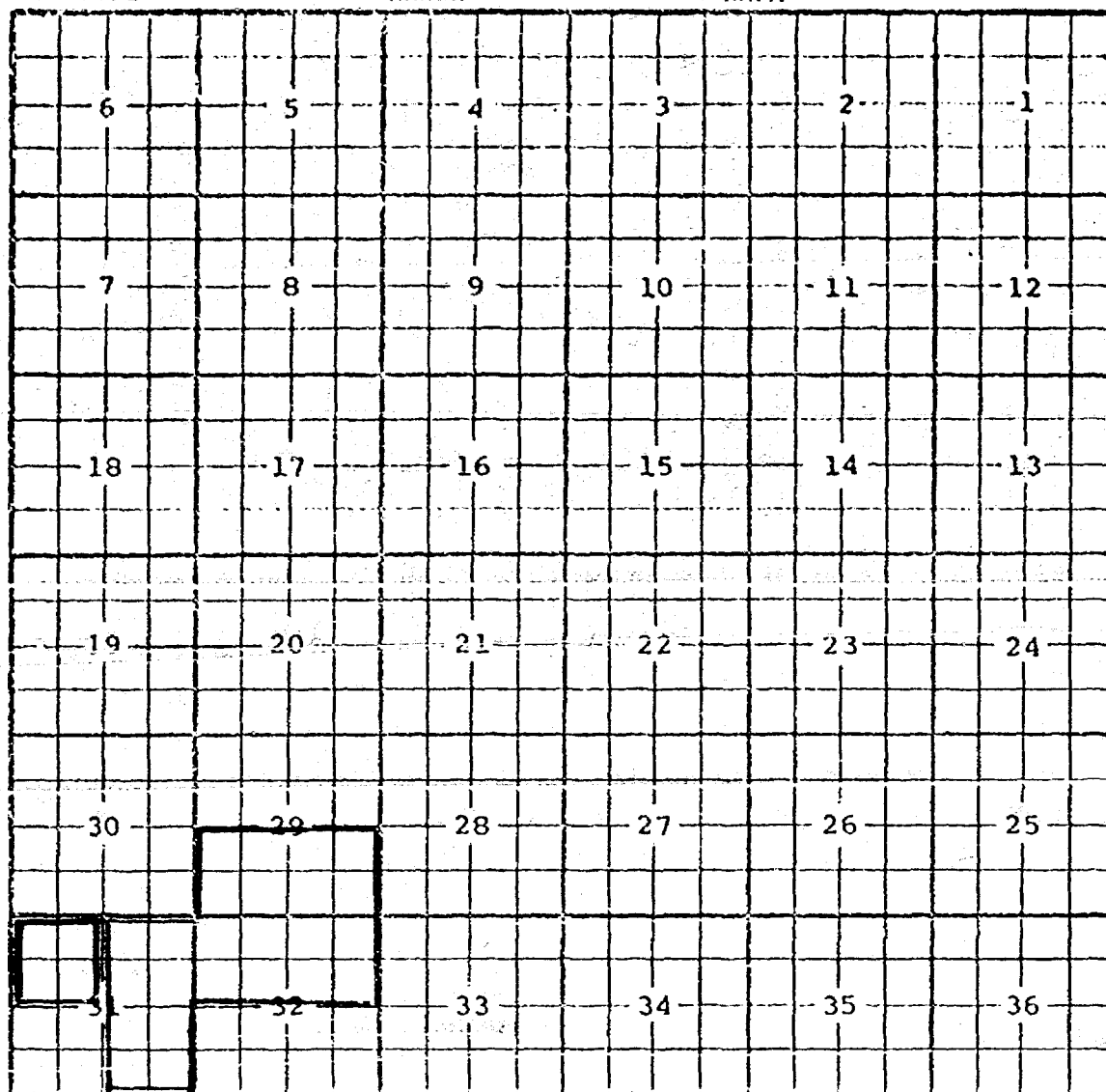
Union Oil Co. of Calif. State HH #1-H in 36-19-32 completed Sept. 14, 1981,
in the Morrow formation. Top perf 13,584 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 36: E/2

COUNTY LEA POOL GEM-MORROW GAS

TOWNSHIP 19 South RANGE 33 East NMIM



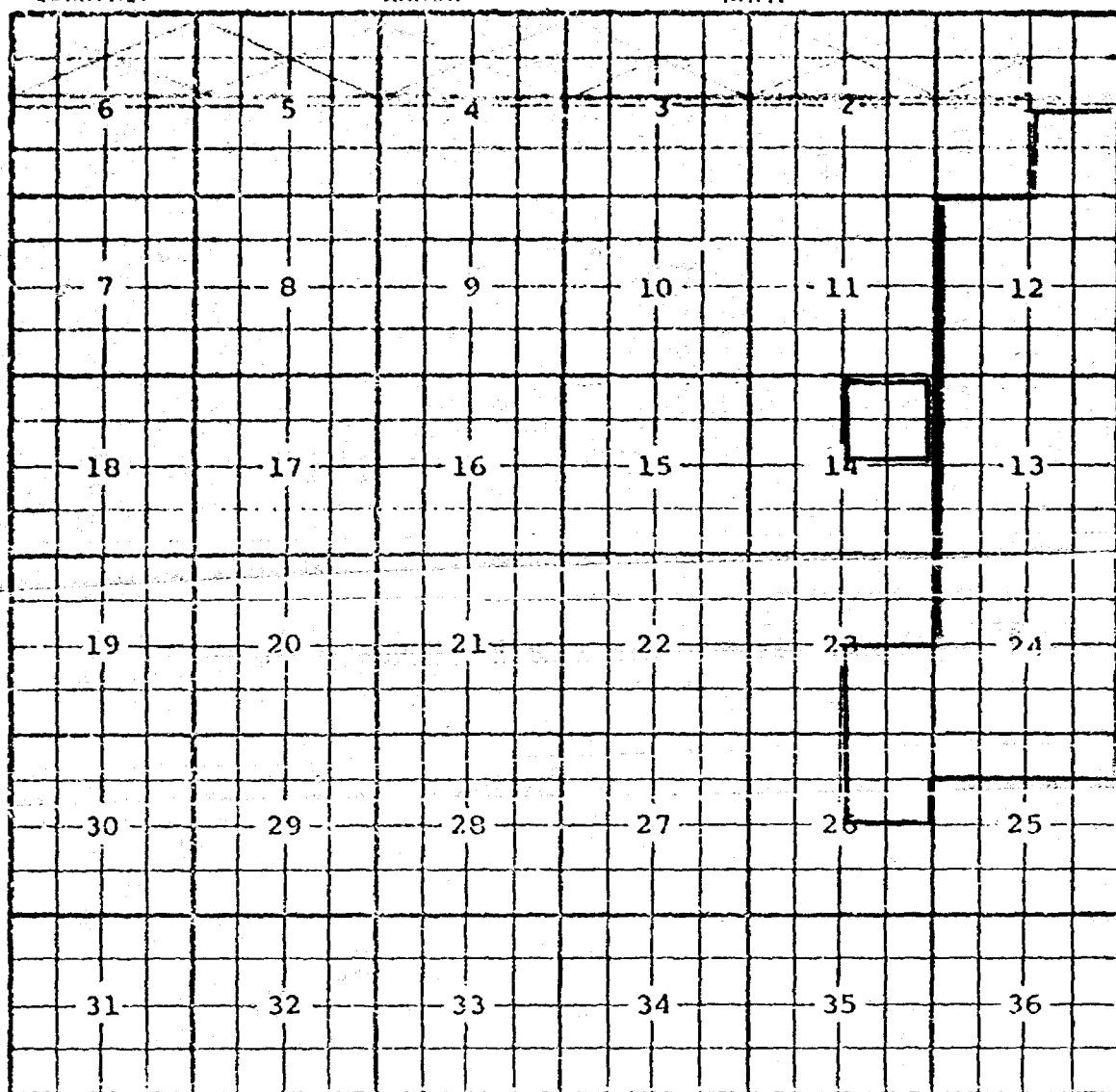
PURPOSE: See Page 1 of this exhibit.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 31: NM/4

CASE NO: 7447 (r) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL INBE PERMO PENNSYLVANIAN

TOWNSHIP 11 South RANGE 33 East NMM

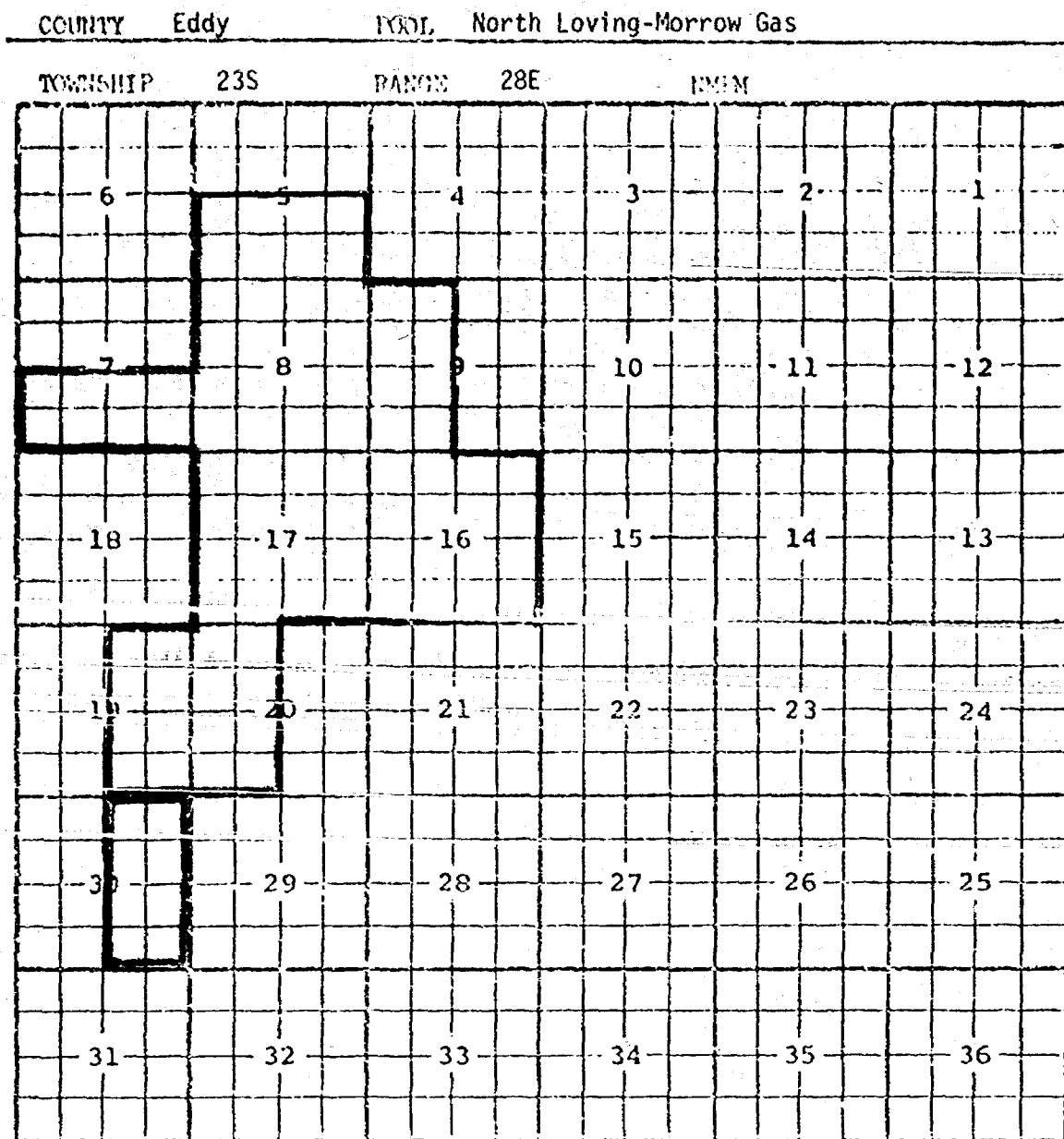


PURPOSE: One completed oil well capable of producing.
TXO Production Corp. Inbe State #1-B in 14-11-33, completed Oct. 2, 1981,
in the Bough C formation. Top perf 9465 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 14: NE/4

CASE NO. 7447 (s) EXTENSION OF EXISTING GAS POOL



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Belco Pet. Corp.	Cochell Com	#1-I	30-23-28	8-19-81	Morrow	12309'

Pool boundary outlined in red.

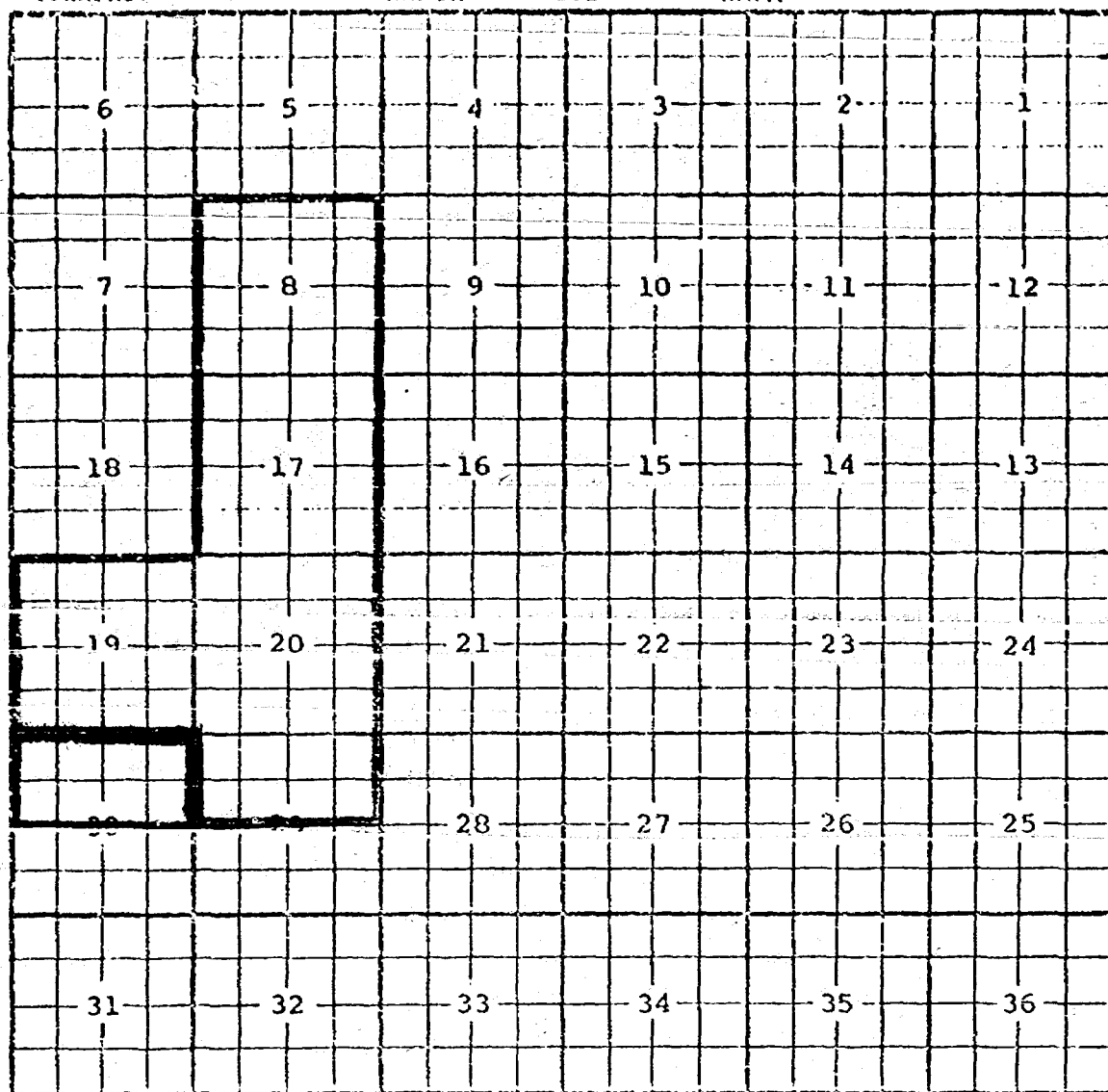
Proposed extension outlined in blue.

Section 30: E/2

CASE NO. 7447 (t) EXTENSION OF EXISTING GAS POOL

COUNTY Eddy POOL South Millman-Morrow Gas

TOWNSHIP 19S RANGE 28E NM 11



Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Southland Royalty Co.	St. 30A Com #1-B	30-19-28	9/6/81	Morrow	10570	

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 30: N/2

COUNTY LEA

POOL WEST NADINE-BLINEBRY

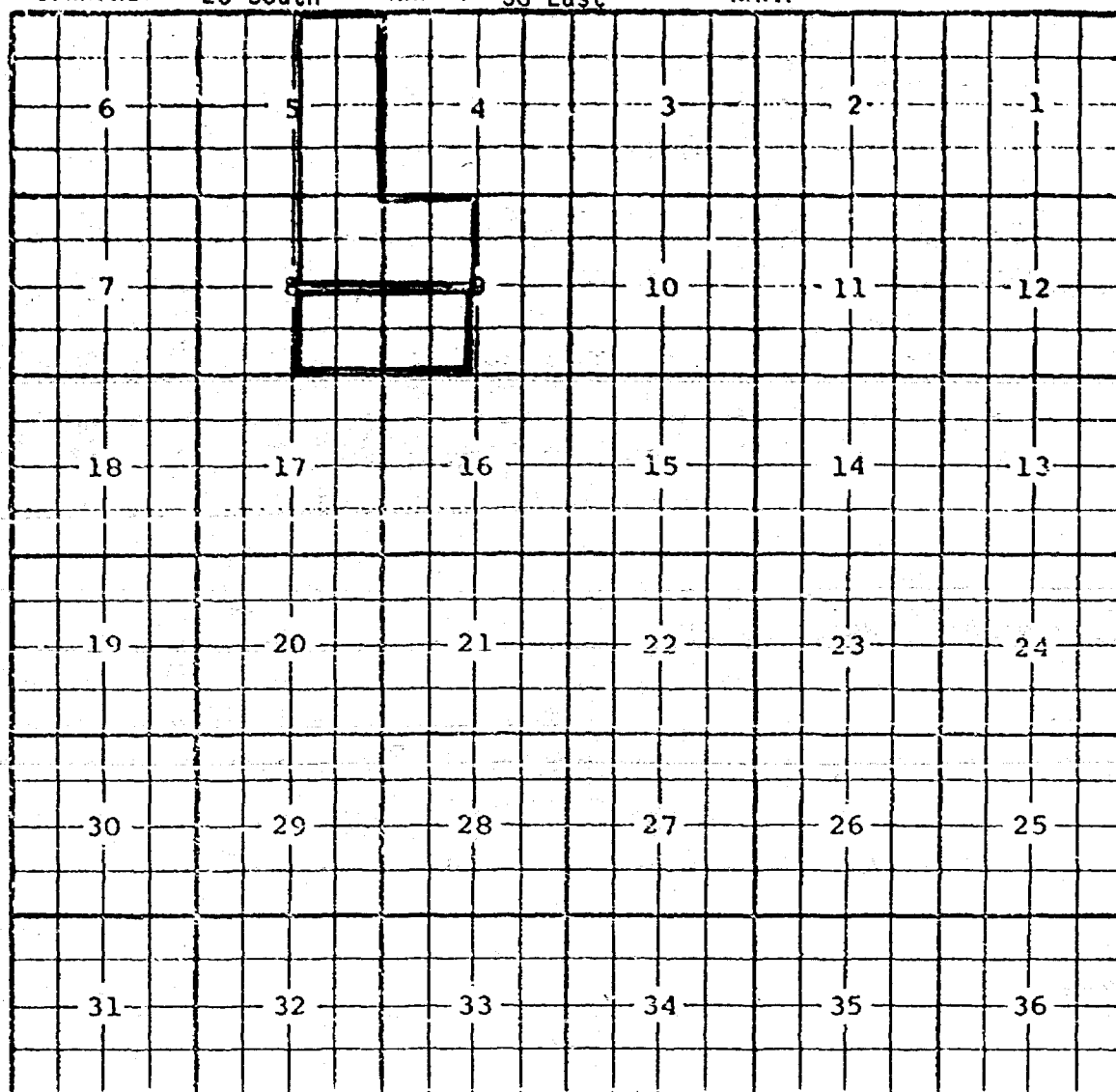
TOWNSHIP

20 South

RANGE

38 East

NMIM



PURPOSE: Two completed oil wells capable of producing.

Tamarack Pet. Co. Inc. Danglade #1-L in 9-20-38, completed Oct. 19, 1981, in the Blinebry formation. Top perf 6020.

Tamarack Pet. Co. Inc. Raley #1-0 in 8-20-38, completed Oct. 7, 1981, in the Blinebry formation. Top perf 7080 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 8: SE/4
SECTION 9: SW/4

CASE NO. 7447 (v) EXTENSION OF AN EXISTING OIL POOL

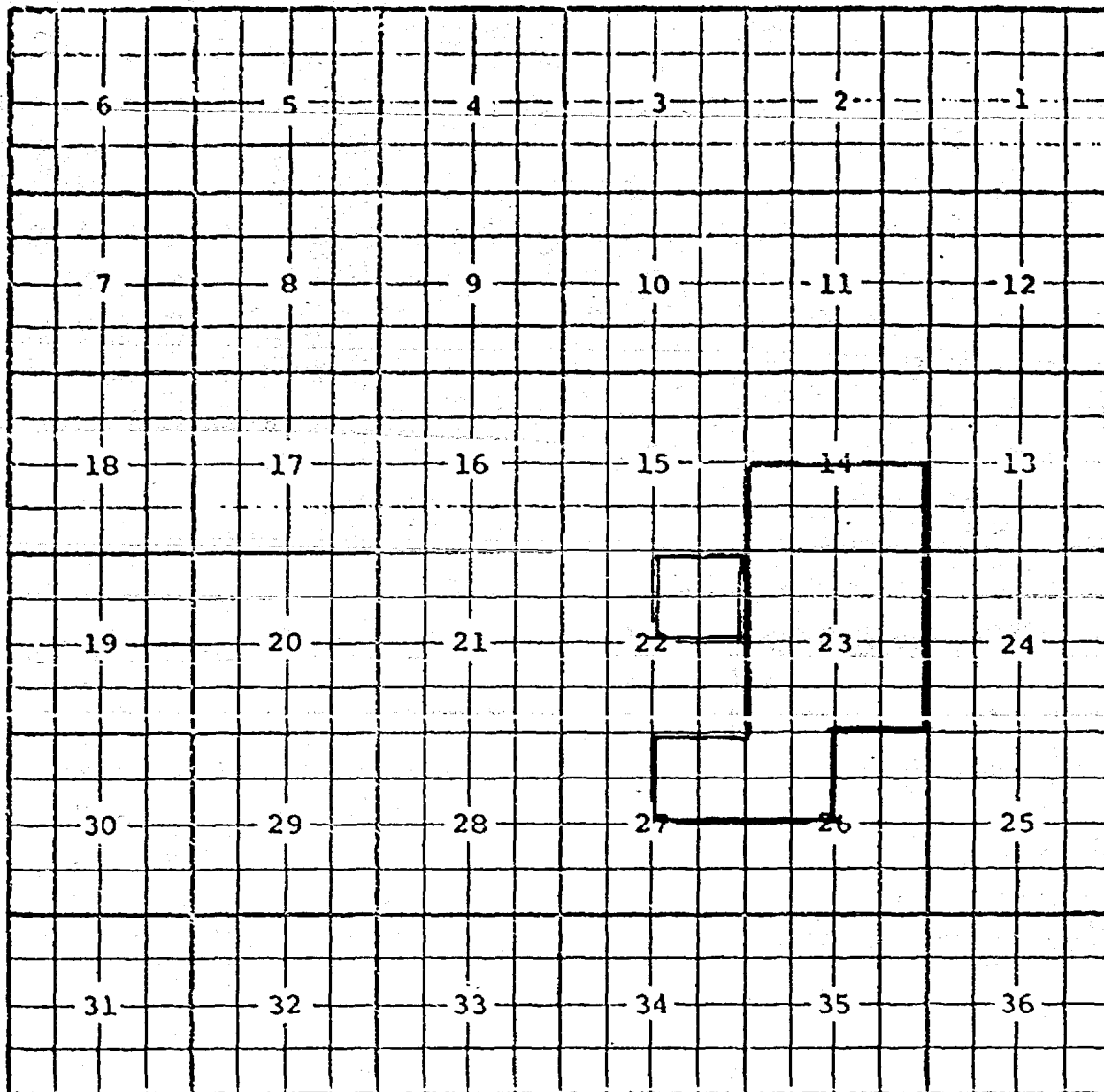
COUNTY LEA

POOL NADINE-DRINKARD-ABO

TOWNSHIP 19 South

RANGE 38 East

18M1M



PURPOSE: One completed oil well capable of producing.

Alpha Twenty-One Prod. Co. Toni #1-H in 22-19-38, completed Oct. 17, 1981, in the Abo formation. Top perf 7553 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 22: NE/4

COUNTY LEA

POOL OIL CENTER-BLINEBRY

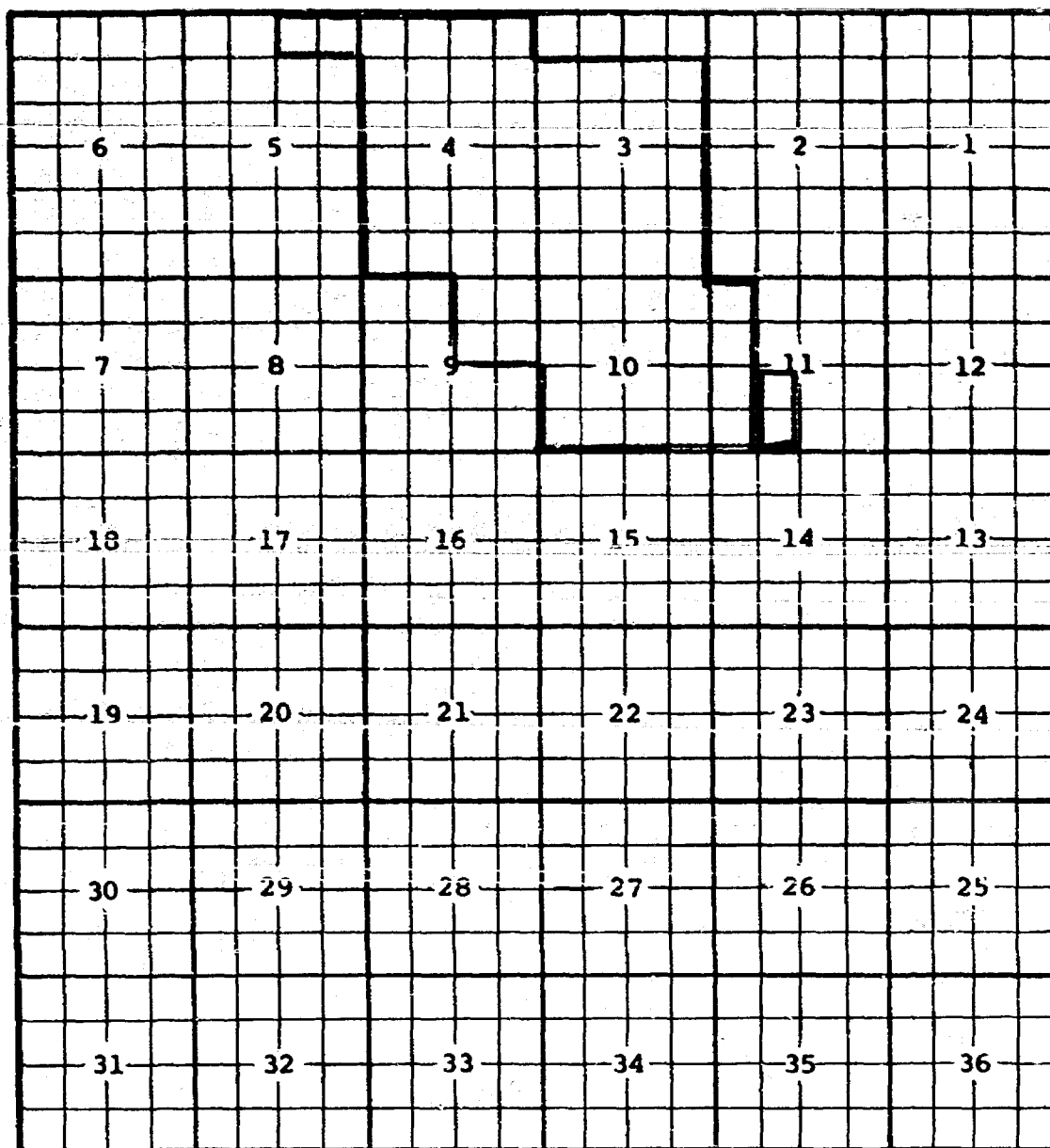
TOWNSHIP

21 South

RANGE

36 East

NMPM



PURPOSE: One completed oil well capable of producing.

Conoco Inc. State D Well #15-K in 11-21-36, completed Aug. 18, 1981, in the Blinebry formation. Top perf 5813 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 11: E/2 SW/4

COUNTY LEA

POOL

OIL CENTER GLORIETA GAS

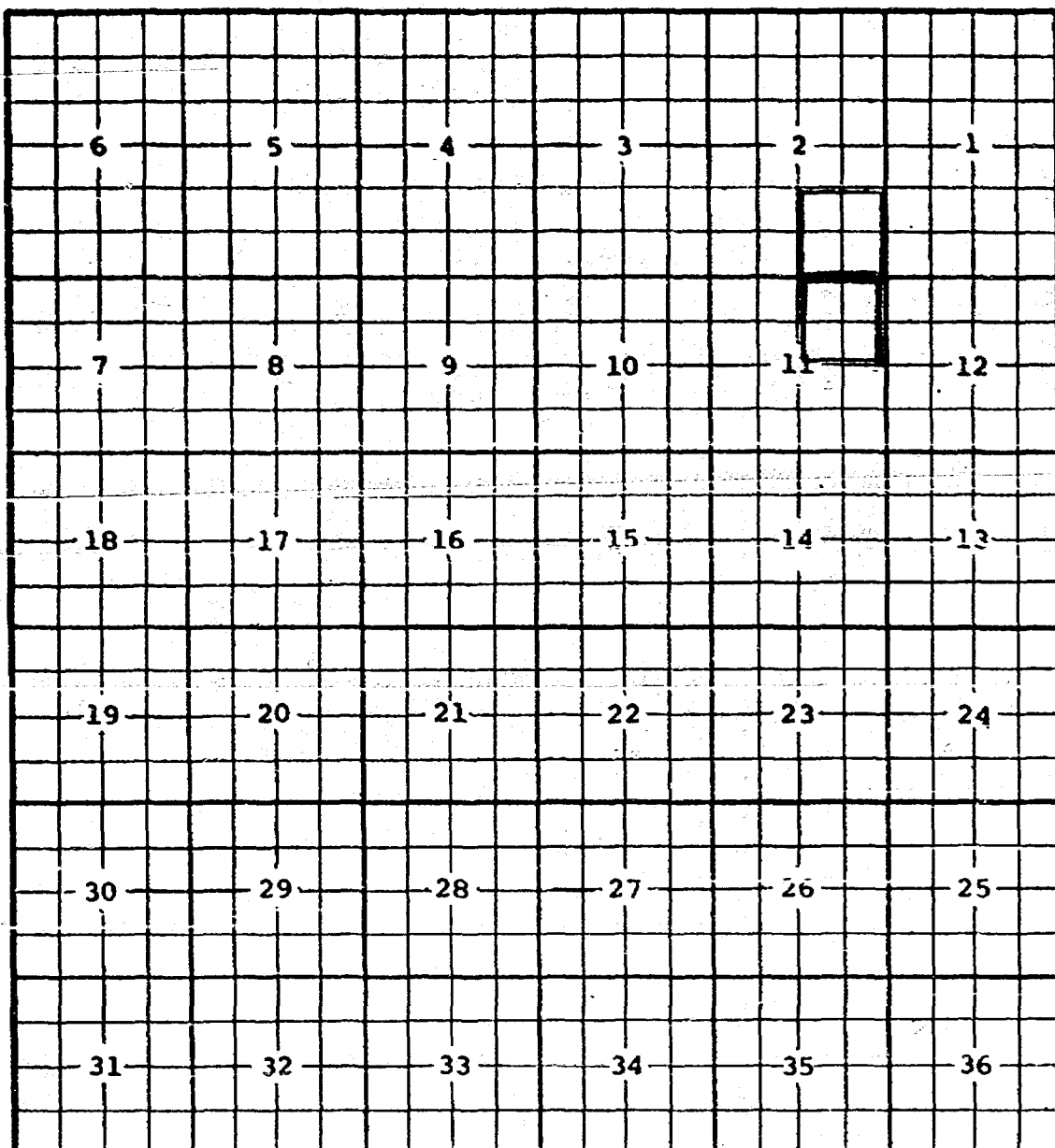
TOWNSHIP

21 South

RANGE

36 East

NMPM



PURPOSE: One completed oil well capable of producing.

The Wiser Oil Co. McQuatters Well #4-G in Sec 11, T21S, R36E, completed as an oil well in the Glorieta formation on Nov. 5, 1980, Top perf 5209 ft.

Per agreement with operator and Hobbs Dist. office this will be an oil well in a gas pool.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 11: NE/4

CASE #7447(y) EXTENSION OF EXISTING ASSOC. POOL

COUNTY

TOLSON

TOLSON

Penasco Draw-SA-Yeso Assoc.

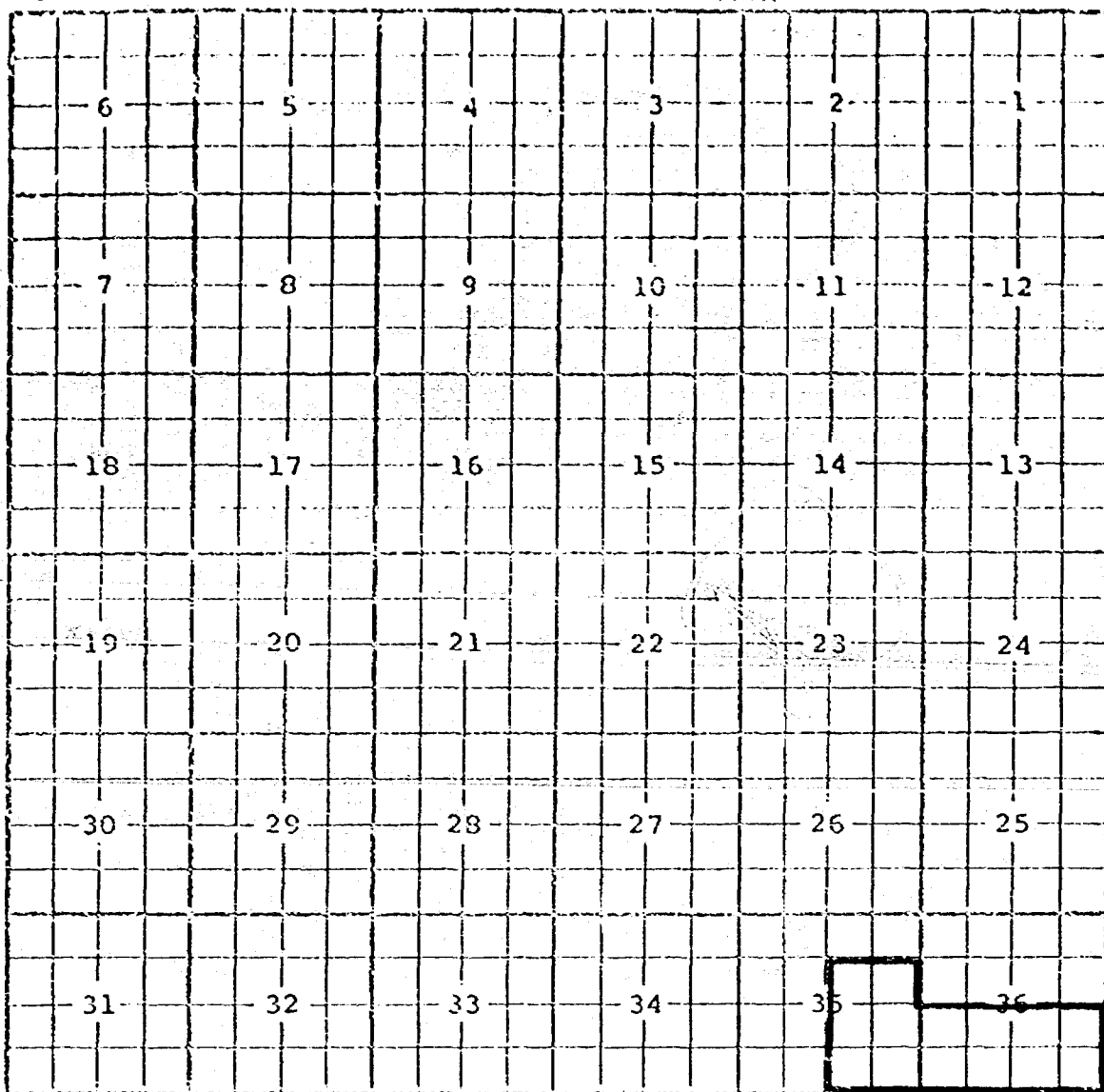
TOWNSHIP

18S

RANGE

24E

NNMM



Purpose: One completed oil well capable of producing.

Operator	lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Gulf Oil Corp.	Eddy 35 St.	1-G	35-18-24	1-31-80	Yeso	2247

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 35: S/2 NE/4 & SE/4

Section 36: S/2

CASE NO.7447 (2) EXTENSION OF EXISTING GAS POOL

COUNTY	Eddy	POOL	Robina Draw-Morrow Gas		
TOWNSHIP	23S	RANGE	24E	MM	
6	5	4	3	2	1
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.	Form.	TOP
Internorth Inc.	Azotea Mesa Fed.	1-H	6-23-28	3-18-81	Morrow	10160'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 6: E/2

Section 7: E/2

CASE NO. 7447 (aa) EXTENSION OF AN EXISTING ASSOCIATED POOL

COUNTY

LEA

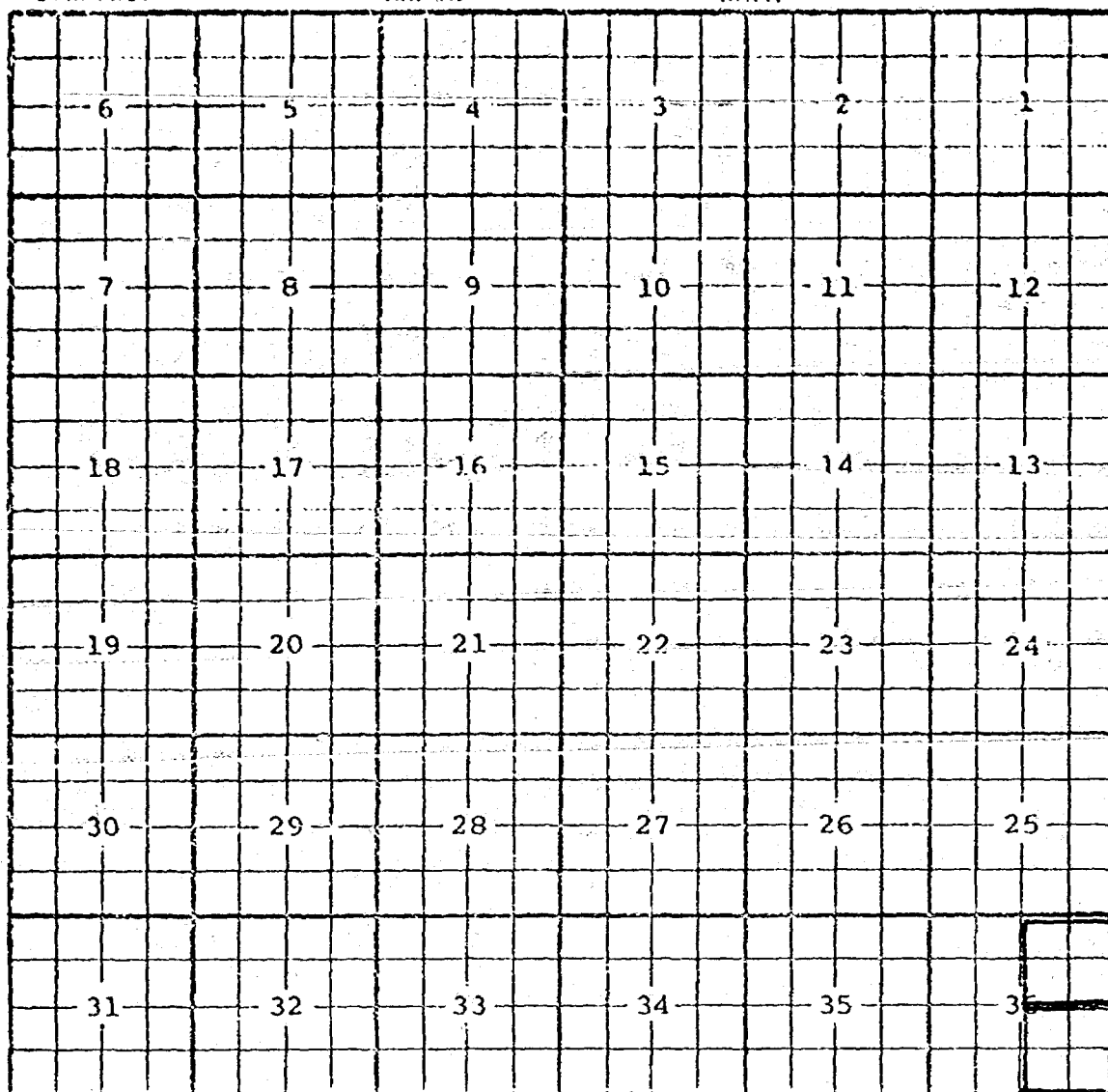
POOL SAWYER-SAN ANDRES ASSOCIATED

TOWNSHIP

9 South

RANGE 37 East

NNMM



PURPOSE: One completed oil well capable of producing.

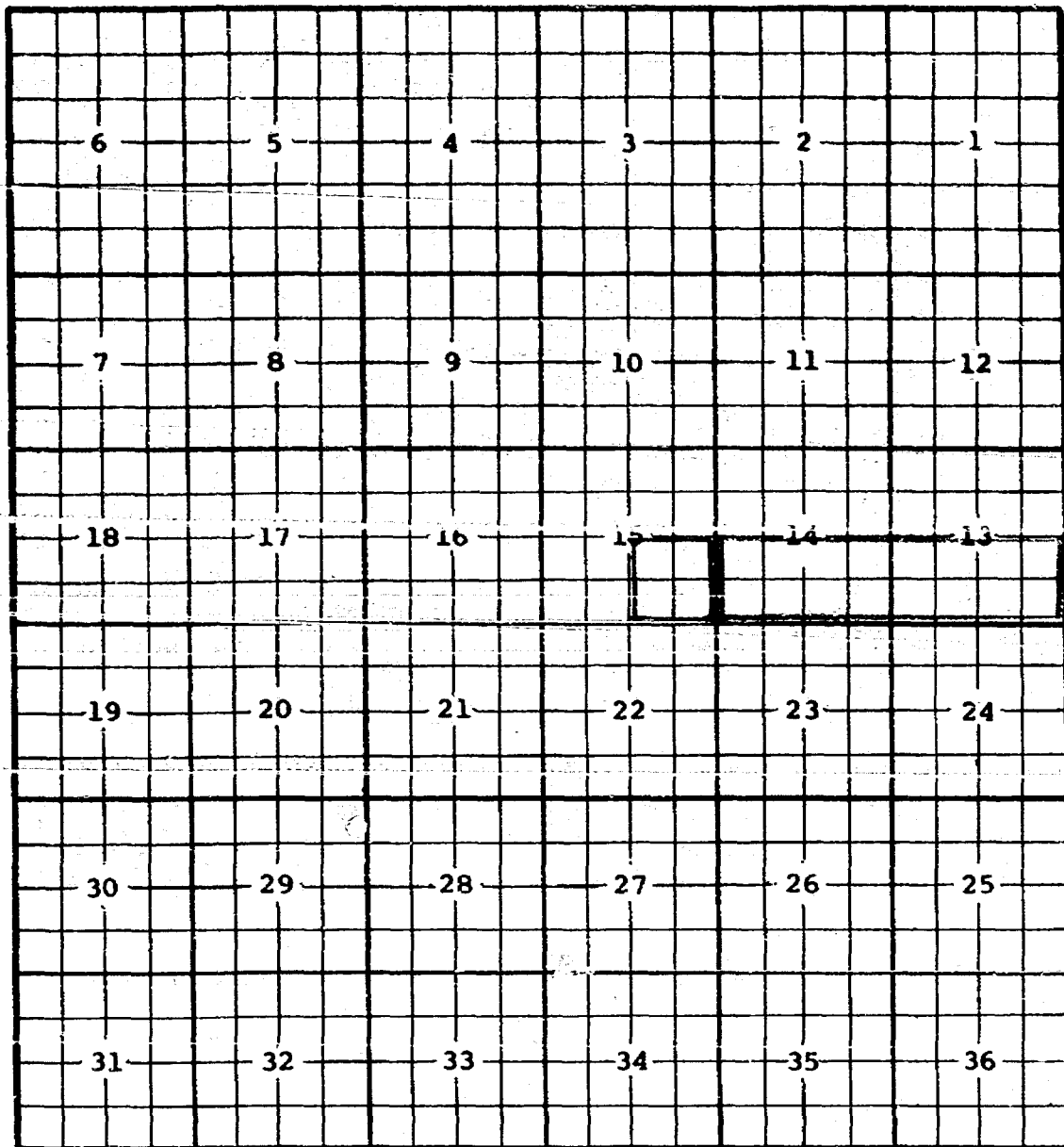
Brazos Pet. Co. Getty State Well #2-A in Sec 36, T9S, R37E, completed Sept. 20, 1981, in the San Andres formation. Top perf 5029 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 36: NE/4

COUNTY LEA POOL NORTH SHOEBAR-WOLFCAMP

TOWNSHIP 16 South RANGE 35 East NMPM



PURPOSE: One completed oil well capable of producing.

V-F Petroleum Inc. F.J. Danglade Well #1-J in Sec 15, T16S, R35E, completed in 1975 in the Wolfcamp formation.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 15: SE/4

CASE NO. 7447 (cc) EXTENSION OF AN EXISTING OIL POOL

COUNTY CHAVES

POOL

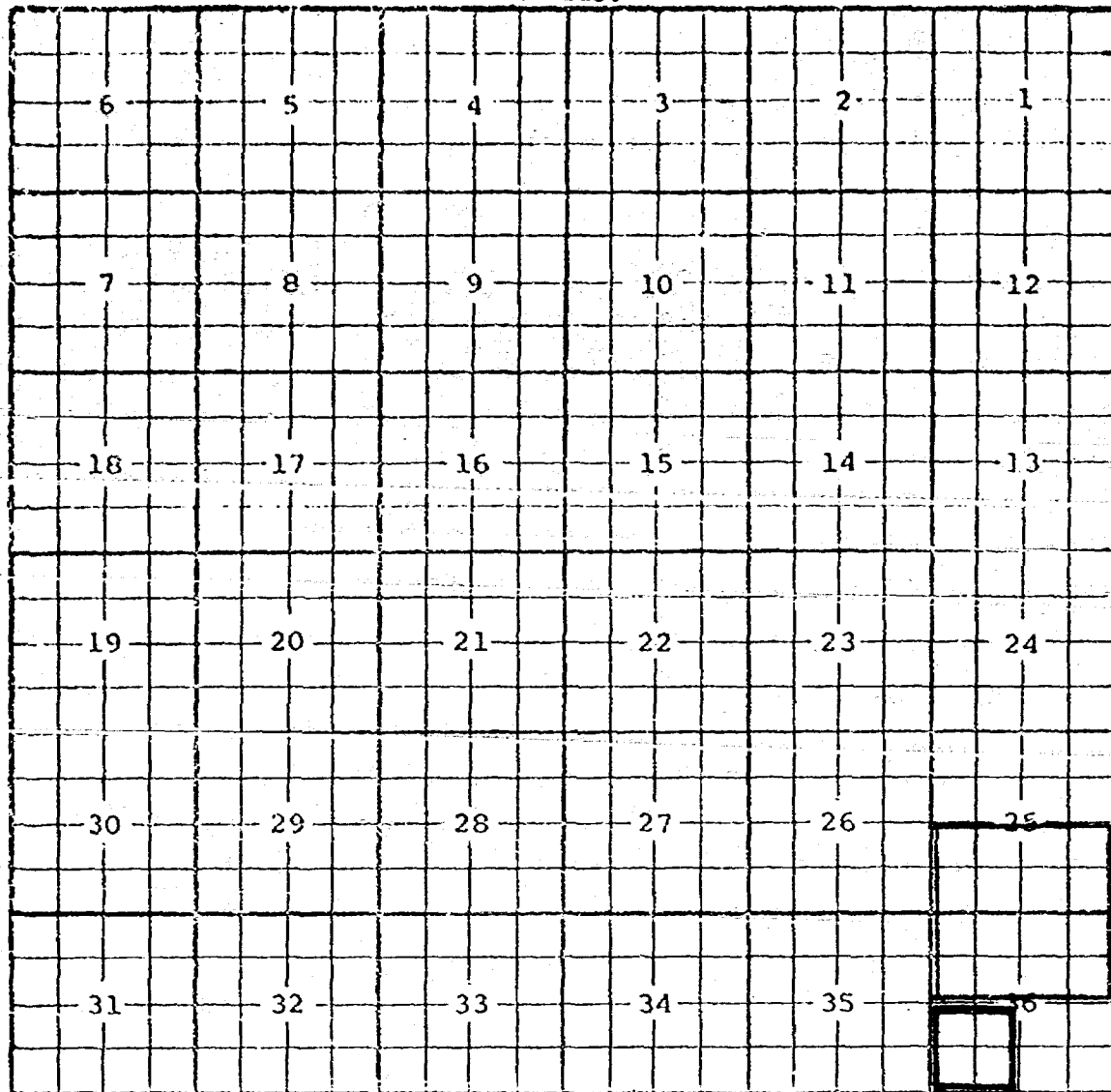
TOMAHAWK-SAN ANDRES

TOWNSHIP 7 South

RANGE

31 East

NMIM



PURPOSE: One completed oil well capable of producing.

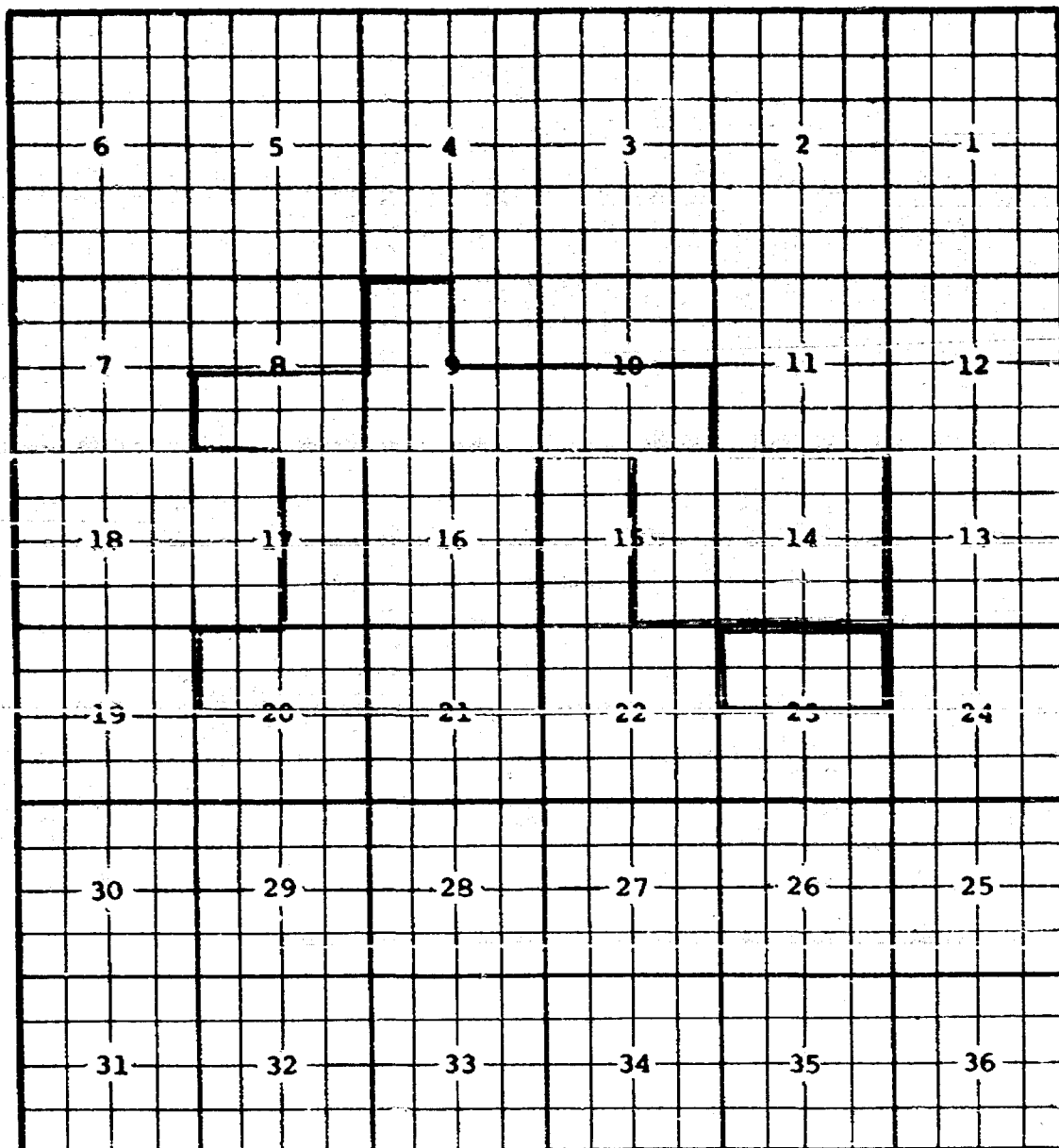
Yates Petroleum Corp. Loveless LQ State Well #4-K in Sec 36, T7S, R31E, completed Oct. 15, 1981, in the San Andres formation. Top perf 3983 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 36: SW/4

COUNTY LEA POOL TOWNSEND-MORROW GAS

TOWNSHIP 16 South RANGE 35 East NMPM



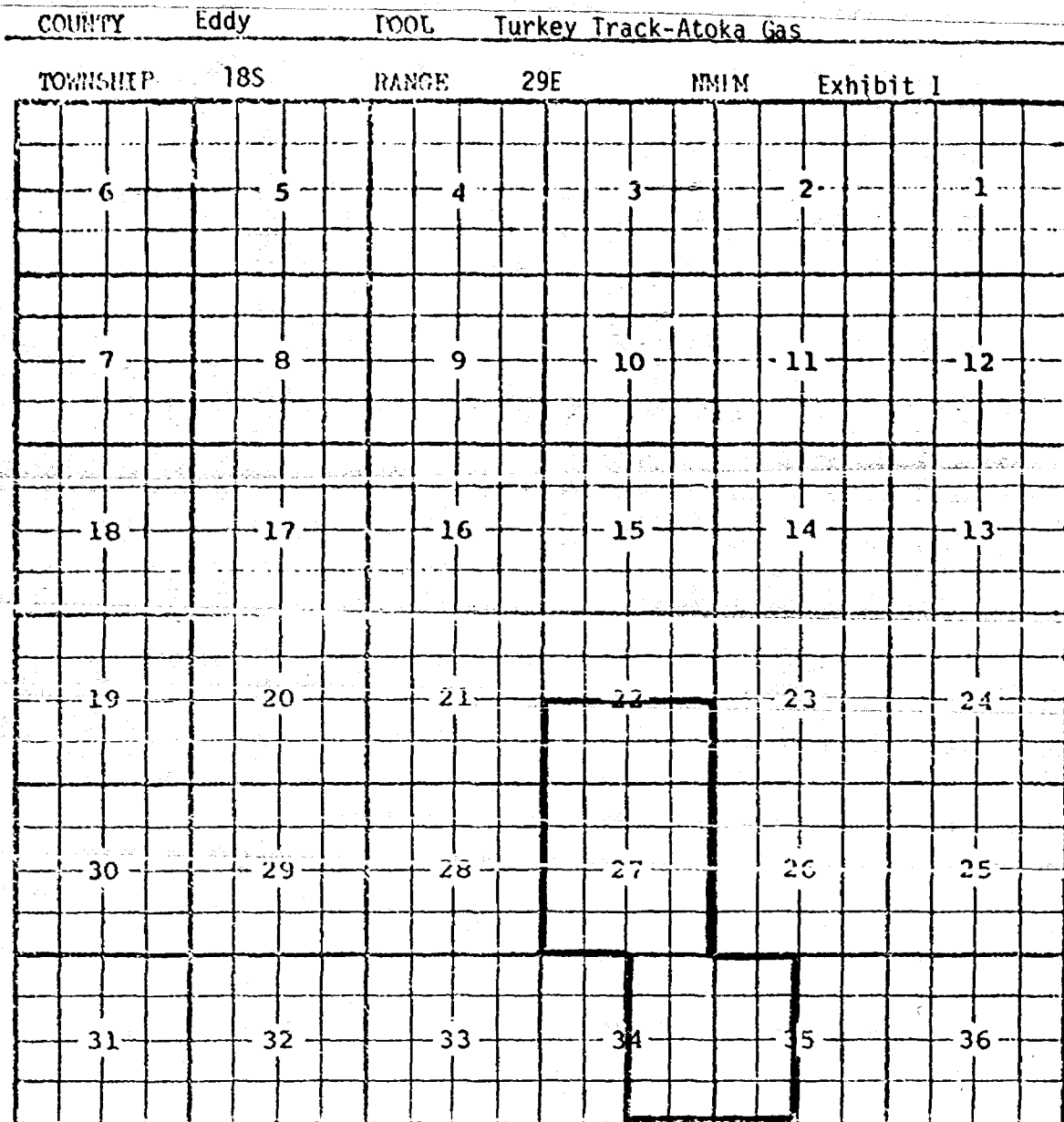
PURPOSE: One completed gas well capable of producing.

U.S. Operating, Inc. Leavelle Well #1-B in Sec. 23, T16S, R35E, completed Sept. 5, 1981, in the Morrow formation. Top perf 11,676 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 23: N/2

CASE #7447 (ee) EXTENSION OF AN EXISTING GAS POOL



Purpose: 4 Completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form	TOP
Southland Royalty Co.	Empire 22 Fed. Com	1 N	22-18-29	3-31-81	Atoka	10630'
"	Empire A Fed.Com	1 C	27-18-29	7 -7-81	"	10752
"	Empire 34 Fed.Com	1 G	34-18-29	6-18-81	"	10776
"	Empire 35 Fed.Com	1 K	35-18-29	2-16-81	"	10751

Pool boundary outlined in red (See exhibit II)

Proposed extension outlined in blue.

Section 22: S/2

Section 27: ALL

Section 34: E/2

Section 35: W/2

COUNTY	Eddy		POOL	Turkey Track-Atoka Gas		
TOWNSHIP	19S		RANGE	29E		NMM 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

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

See exhibit I

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 2: N/2

Section 3: ALL

CASE #7447(ff) EXTENSION OF EXISTING ASSOC. POOL

COUNTY	Chaves	POOL, Twin Lakes-San Andres-Associated			
TOWNSHIP	9S	RANGE	29E	NW1/4	
6	5	4	3	2	1
8	9	10	11	12	
13	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. Form TOP
 Santa Rita Exploration Co. Moonshine 7 6-A 7-9-29 10-22-81 SA 2704'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 7: NE/4

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING
CALLED BY THE OIL CONSERVATION
DIVISION FOR THE PURPOSE OF
CONSIDERING:

CASE NO. 7447
ORDER NO. R-6876

THE APPLICATION OF THE OIL CONSERVATION
DIVISION UPON ITS OWN MOTION FOR AN ORDER
CREATING, ASSIGNING A DISCOVERY ALLOWABLE,
CONTRACTING AND EXTENDING CERTAIN POOLS IN
CHAVES, EDDY, LEA, AND ROOSEVELT COUNTIES,
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. December 16, 1981, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of December, 1981, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof:

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Upper Pennsylvanian formation; said pool to bear the designation of Draper Mill-Upper Pennsylvanian Gas Pool with vertical limits defined as from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on log of discovery well the HNG Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM. It was completed September 23, 1981, in the Upper Pennsylvanian formation. The top of the perforations is at 14,248 feet.

(3) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of Dora-Pennsylvanian Pool. Said Dora-Pennsylvanian Pool was discovered by the Enserch Exploration, Inc. Annie Harvey Well No. 1 located in Unit J of Section 6, Township 5 South, Range 33 East, NMPM. It was completed July 19, 1981, in the Pennsylvanian formation. The top of the perforations is at 8,190 feet.

(4) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Montoya formation, said pool to bear the designation of Lightcap-Montoya Gas Pool. Said Lightcap-Montoya Gas Pool was discovered by the Aikman Petroleum, Inc. Sanders Well No. 1 located in Unit E of Section 8, Township 8 South, Range 30 East, NMPM. It was completed September 21, 1981, in the Montoya formation. The top of the perforations is at 7,903 feet.

(5) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Cherry Canyon formation, said pool to bear the designation of Loving-Cherry Canyon Pool. Further, that the discovery well for said pool, the Pogo Production Company REL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NMPM, is entitled to and should receive a bonus discovery allowable in the amount of 18,240 barrels, to be assigned over a two-year period. Said discovery well was completed in the Cherry Canyon formation on August 1, 1981. The top of the perforations is at 3648 feet.

(6) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Strawn formation, said pool to bear the designation of Midway-Strawn Pool. Said Midway-Strawn Pool was discovered by the David Fasken Consolidated State Well No. 2 located in Unit A of Section 8, Township 17 South, Range 37 East, NMPM. It was completed in the Strawn formation on July 2, 1981. The top of the perforations is at 10,725 feet.

(7) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of Pecos Slope-Abo Gas Pool. Said Pecos Slope-Abo Gas Pool was discovered by the Yates Petroleum Corporation Federal HY Well No. 2 located in Unit 0 of Section 33, Township 7 South, Range 25 East, NMPM. It was completed May 16, 1979, in the Abo formation. The top of the perforations is at 3548 feet.

(8) That there is need for the creation of a new pool in Chaves County, New Mexico, for the production of gas from the Abo formation, said pool to bear the designation of West Pecos Slope-Abo Gas Pool. Said West Pecos Slope-Abo Gas Pool was discovered by the Mesa Petroleum Company Rock Federal Well No. 1 located in Unit J of Section 7, Township 8 South, Range 23 East, NMPM. It was completed October 7, 1980, in the Abo formation. The top of the perforations is at 2810 feet.

(9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Red Bluff-Bone Spring Pool. Said Red Bluff-Bone Spring Pool was discovered by the HCW Exploration, Inc. Dorstate Well No. 1 located in Unit H of Section 27, Township 25 South, Range 28 East, NMPM. It was completed July 8, 1981, in the Bone Spring formation. The top of the perforations is at 6,412 feet.

(10) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of Willow Lake-Bone Spring Pool. Said Willow Lake-Bone Spring Pool was discovered by the Maddox Energy, Inc. Union Federal Well No. 1 located in Unit H of Section 33, Township 24 South, Range 28 East, NMPM. It was completed August 6, 1981, in the Bone Spring formation. The top of the perforations is at 6,155 feet.

(11) That there is need for the contraction of the vertical limits of the North Shoebar Pennsylvanian Pool in Lea County, New Mexico, to the Strawn formation only and the redesignation of said pool to Northwest Shoebar-Strawn Pool.

(12) That there is need for certain extensions to the Diamond Mound-Morrow Gas Pool, the Tomahawk-San Andres Pool, and the Twin Lakes-San Andres Associated Pool, all in Chaves County, New Mexico, and the Avalon-Morrow Gas Pool, the Bunting Ranch-Morrow Gas Pool, the West Burton Flat-Atoka Gas Pool, the South Cuiebra Bluff Bone Spring Pool, the North Loving-Morrow Gas Pool, the South Millman-Morrow Gas Pool, the Penasco Draw-San Andres-Yeso Associated Pool, the Robina Draw-Morrow Gas Pool, and the Turkey Track-Atoka Gas Pool, all in Eddy County, New Mexico, and the South Bell Lake-Morrow Gas Pool, the Gem-Morrow Gas Pool, the Inbe-Permo Pennsylvanian Pool, the West Nadine-Blinebry Pool, the Nadine-Drinkard-Abo Pool, the Oil Center-Blinebry Pool, the Oil Center-Glorieta Gas Pool, the Sawyer-San Andres Associated Pool, the North Shoebar-Wolfcamp Pool, and the Townsend-Morrow Gas Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

(a) That a new pool in Lea County, New Mexico, classified as a gas pool for Upper Pennsylvanian production is hereby created and designated as the Draper Mill-Upper Pennsylvanian Gas Pool, with vertical limits defined as from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on log of discovery well, the HNG Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM
Section 16: W/2

(b) That a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production is hereby created and designated as the Dora-Pennsylvanian Pool, consisting of the following described area:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 6: SE/4

(c) That a new pool in Chaves County, New Mexico, classified as a gas pool for Montoya production is hereby created and designated as the Lightcap-Montoya Gas Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 8: W/2

(d) That a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production is hereby created and designated as the Loving-Cherry Canyon Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4

Further, that the discovery well for said Loving-Cherry Canyon Pool, being Pogo Production Company NEL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NMPM, is hereby assigned a bonus discovery allowable in the amount of 18,240 barrels to be produced over a two-year period.

(e) That a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production is hereby created and designated as the Midway-Strawn Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
Section 8: NE/4

(f) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the Pecos Slope-Abo Gas Pool, consisting of the following described area:

TOWNSHIP 4 SOUTH, RANGE 24 EAST, NMPM
Section 35: SE/4
Section 36: S/2

TOWNSHIP 4 SOUTH, RANGE 25 EAST, NMPM
Section 31: SW/4

TOWNSHIP 5 SOUTH, RANGE 24 EAST, NMPM

Section 1: All
Section 2: E/2 and SW/4
Section 9: SE/4
Section 10: All
Section 11: All
Section 12: All
Section 13: All
Section 14: All
Section 15: All
Section 16: E/2
Section 21: E/2
Section 22: All
Section 23: All
Section 24: All
Section 25: All

Section 26: All
Section 27: All
Section 28: E/2
Section 31: S/2
Section 32: S/2
Section 33: E/2 and SW/4
Section 34: All
Section 35: All
Section 36: All

TOWNSHIP 5 SOUTH, RANGE 25 EAST, NMPM
Section 6: W/2
Section 7: NW/4
Section 31: W/2 and SE/4
Section 32: S/2

TOWNSHIP 6 SOUTH, RANGE 24 EAST, NMPM
Section 1: All

TOWNSHIP 6 SOUTH, RANGE 25 EAST, NMPM
Section 1 thru Section 36: All

TOWNSHIP 7 SOUTH, RANGE 25 EAST, NMPM

Section 1: A11
 Section 2: A11
 Section 3: A11
 Section 4: A11
 Section 5: A11
 Section 6: E/2
 Section 7: N/2
 Section 8: A11
 Section 9: A11
 Section 10: A11
 Section 11: A11
 Section 12: A11
 Section 13: N/2 and SE/4
 Section 14: N/2
 Section 15: N/2
 Section 16: A11
 Section 17: A11
 Section 20: N/2
 Section 21: A11
 Section 22: A11
 Section 33: A11

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

Section 18: S/2

(g) That a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production is hereby created and designated as the West Pecos Slope-Abo Gas Pool, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 22 EAST, NMPM

Section 12: NW/4 and E/2
 Section 13: E/2

TOWNSHIP 8 SOUTH, RANGE 23 EAST, NMPM

Section 6: S/2
 Section 7: A11
 Section 8: S/2
 Section 18: N/2 and SW/4

(h) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Red Bluff-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM

Section 27: NE/4

(i) That a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production is hereby created and designated as the Willow Lake-Bone Spring Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM

Section 33: NE/4

(j) That the vertical limits of the North Shoebar Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Strawn formation only and said pool redesignated to Northwest Shoebar-Strawn Pool, consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM

Section 15: SE/4

(k) That the Avalon-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM

Section 28: S/2
 Section 29: E/2
 Section 32: E/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM

Section 2: Lots 9, 10, 15, 16, and SE/4

(l) That the South Bell Lake-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM
Section 13: E/2

✓ TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
Section 17: All

(m) That the Bunting Ranch-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 23 EAST, NMPM
Section 30: S/2
Section 31: N/2

(n) That the West Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

(o) That the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 25: N/2 SW/4 and NW/4
Section 26: NE/4 and S/2
Section 27: S/2 SE/4

(p) That the Diamond Mound-Morrow Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM
Section 35: N/2

(q) That the Gem-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 36: E/2

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 31: NW/4

(r) That the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 14: NE/4

(s) That the North Loving-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

(t) That the South Millman-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 30: N/2

(u) That the West Nadine-Blinebry Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 8: SE/4
Section 9: SW/4

(v) That the Nadine-Drinkard-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM
Section 22: NE/4

(w) That the Oil Center-Blindeby Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: E/2 SW/4

(x) That the Oil Center-Glorieta Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: NE/4

(y) That the Penasco Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM
Section 35: S/2 NE/4 and SE/4
Section 36: S/2

(z) That the Robina Draw-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 6: E/2
Section 7: E/2

(aa) That the Sawyer-San Andres Associated Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM /
Section 36: NE/4

(bb) That the North Shoebar-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

(cc) That the Tomahawk-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 36: SW/4

(dd) That the Townsend-Morrow Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 23: N/2

(ee) That the Turkey Track-Atoka Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: E/2
Section 35: W/2

✓ TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 2: N/2
Section 3: All

(ff) That the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 29 EAST, NMPM
Section 7: NE/4

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, contained in Chapter 271, Laws of 1969, any well which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be January 1, 1982.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY
Director

S E A L

APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL

NOTE: This form is to be filled and attachments made in accordance with the provisions of Rule 309. If discovery is claimed for more than one zone, separate forms must be filed for each.

SANTA FE

Operator Pogo Producing Company		Address P O Box 10340 Midland, Texas 79702	
Lease Name NEL	Well No. 2	County Eddy	
Well Location Unit Letter I ; 1880 Feet from the South Line and 760 Feet from the East Line of Section 9 , Township 23-S , Range 28-E , NMPM			
Suggested Pool Names (List in order of preference) NE Loving Cherry Canyon			
Name of Producing Formation Cherry Canyon	Perforations 3648' to 3660' , 3662' to 3670'		Date of Filing Form C-194 8-28-81
Are "Alluvial or Discovery" Previously Filled For This Well in this Pool? No	If Yes, Give Date of Filing ---	Date Well was Spudded 5-11-81	Date Compl. Ready to Prod. 8-1-81
Total Depth 4300'	Plugged Back Depth 3980'	Depth Casing Shoe 4300'	Tubing Depth 3762'
		Elevation (Gr., DF, RKB, RT, etc.) 3046.4' GR, 3055.0' KB	
Oil Well Potential (Test to be taken only after all dead oil has been recovered) 106 Bbls. Oil Per Day Based On 106 Bbls In 24 Hours; 0 Bbls Water Per Day Based On 0 Bbls In 24 Hours; Gas Production During Test: 33 MCF; Gas-Oil Ratio: 311 Method Of Producing: Pumping Chk. Size: 0			

NEAREST PRODUCTION TO THIS DISCOVERY (includes past and present oil or gas production from this pay or formation only):
Horizontal or vertical separation:

Pool Name NE Loving	Name of Producing Formation Atoka	Top of Pay 11585'	Bottom of Pay 11606'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 141 feet southwest		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 7915'		

NEAREST COMPARABLE PRODUCTION (includes past and present oil or gas production from this pay or formation only):

Pool Name Herradura Bend Cherry Canyon	Top of Pay 3274'	Bottom of Pay 3298'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool Approximately 18000' (3.4 miles) NNW (Section 29, T-22-S, R-28-E)			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
---	--

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)? No	If Yes, Name all Such Formations
---	--	----------------------------------

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Coquina Oil Corporation	P O Drawer 2900 Midland, Texas 79702
Gulf Oil Corporation	P O Box 1150 Midland, Texas 79702
Cities Service Company	P O Box 1919 Midland, Texas 79702
Amoco Production Company	P O Box 3092 Houston, Texas 77001
Union Oil Company of California	P O Box 3100 Midland, Texas 79702
Holly Energy, Inc.	2600 Diamond Shamrock Tower Dallas, Texas 75201 717 N. Harwood St.
Sun Production Company	P O Box 1861 Midland, Texas 79702

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Division of such intent in writing within ten days after receiving a copy of this application.

Remarks:

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Division have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

Division Operations Manager

September 14, 1981

Signature

Position

Date

TYPE OF REPORT - (X)	
Initial Completion	X
Special	
General Survey	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-124
Revised 1-1-85

RESERVOIR PRESSURE REPORT

Operator Pogo Producing Company	Pool Wildcat	County Eddy	Date September 14, 1981
Address P O Box 10340 Midland, Texas 79702	Producing Formation Cherry Canyon	Oil Gradient 0.34 psi/ft.	Water Gradient psi/ft.
		Gas Gravity	Datum Plane -613

LEASE	WELL NO.	LOCATION				ELEV.	OIL (O) OR GAS (G)	DATE TESTED	2 IN SHUT IN HOURS	SHUT-IN FBG. PRESS.	BOMB TEST DATA			SONIC INSTRUMENT TEST DATA*							PRESS. AT DATUM		
											TEST DEPTH	B.H. TEMP. °F	OB-SERVED PRESS.	PROD. TEST (BBLs./DAY)		LIQUID LEVEL	LIQUID GRAD-IENT PSI/FT.	WT. OF LIQUID COL. PSI	WT. OF GAS COL. PSI	CSG. PRESS.			
		OIL	WATER																				
NEL	2	I	9	21	S28-E	3046 0	7-27-81	40	158	3659	102	1664											1664

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SEP 16 1981
U.S. SANTA FE

All depths plus or minus sea level; all pressures psi; Bomb shall be calibrated frequently enough against a dead weight tester to ensure an accuracy of one per cent; gas gravity shall be determined by analysis; liquid level shall be feet above datum plane. SEE RULE 302.

* Well shall be produced at least 24 hours prior to shutting in for sonic test.

I hereby certify that the above information is true and complete to the best of my knowledge and belief.

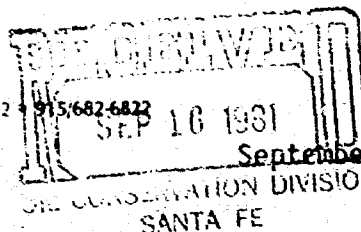
R. J. Williams
(Signature)

Division Operations Manager
(Title)

September 14, 1981
(Date)

Pogo Producing Company

615 Blanks Building • Post Office Box 10340 • Midland, Texas 79702 • 915/682-6822



September 14, 1981

To: Offset Operators
(See Address List Attached)

Re: Discovery Allowable
Pogo NEL Well No. 2
Eddy County, New Mexico

Gentlemen:

Pogo Producing Company has filed for discovery allowable for the captioned well completed in the Cherry Canyon formation.

Attached is a copy of NMOCC Form C-109 for your reference.

Yours very truly,

POGO PRODUCING COMPANY

B. J. Williams
Division Operations Manager

BJW:bt

Attachment

Coquina Oil Corporation
P. O. Drawer 2960
Midland, Texas 79702

Gulf Oil Corporation
P. O. Box 1150
Midland, Texas 79702

Cities Service Company
P. O. Box 1919
Midland, Texas 79702

Amoco Production Company
P. O. Box 3032
Houston, Texas 77001

Union Oil Company of California
P. O. Box 3100
Midland, Texas 79702

Holly Energy, Inc.
2600 Diamond Shamrock Tower
717 N. Harwood Street
Dallas, Texas 75201

Sun Production Company
P. O. Box 1861
Midland, Texas 79702

RECEIVED

Operator Pogo Producing Company		Address P O Box 10340 Midland, Texas 79702	
Name NEL		Well No. 2	County Eddy
Well Location Unit Letter I ; 1880 Feet from The South Line and 760 From the East Line of Section 9 , Township 23-S , Range 28-E , NMPM			
Suggested Pool Names (List in order of preference) NE Loving Cherry Canyon			
Name of Producing Formation Cherry Canyon		Perforations 3648' to 3660' , 3652' to 3670'	Date of Filing Form C-104 8-28-81
Is "Alliswell of this discovery" Previously Filled For This Well in this Pool? No		If Yes, Give Date of Filing ---	Date Well was Spudded 5-11-81
Total Depth 4300'		Plugged Back Depth 3980'	Depth Casing Shoe 4300'
Tubing Depth 3762'		Elevation (Gr., DF, HKB, RT, etc.) 3046.4'GR, 3055.4'KB	
Oil Well Potential (Test to be taken only after all lead oil has been recovered) 106 Bbls. Oil Per Day Based On 106 Bbls In 24 Hours; 0 Bbls Water Per Day Based On 0 Bbls In 24 Hours; Gas Production During Test: 33 MCF; Gas-Oil Ratio: 311 Method Of Producing: Pumping Chk. Size: 0			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name NE Loving	Name of Producing Formation Atoka	Top of Pay 11585'	Bottom of Pay 11606'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 141 feet southwest		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 7915'		

NEAREST COMPARABLE PRODUCTION (Includes past and present oil or gas production from this pay or formation only):

Pool Name Herradura Bend Cherry Canyon	Top of Pay 3274'	Bottom of Pay 3298'	Currently Producing? Yes
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool Approximately 18000' (3.4 miles) NNW (Section 29, T-22-S, R-28-E)			

Is "County Deep" Discovery Allowable Requested for Subject Discovery Well? No	If Yes, Give Name, Location, and Depth of Next Deepest Oil Production in this County
---	--

Is the Subject Well Multiple Completion? No	Is Discovery Allowable Requested for other Zone(s)? No	If Yes, Name all Such Formations
---	--	----------------------------------

LIST ALL OPERATORS OWNING LEASES WITHIN ONE MILE OF THIS WELL (Attach additional sheet if necessary)

NAME	ADDRESS
Coquina Oil Corporation	P O Drawer 2900 Midland, Texas 79702
Gulf Oil Corporation	P O Box 1150 Midland, Texas 79702
Cities Service Company	P O Box 1919 Midland, Texas 79702
Amoco Production Company	P O Box 3092 Houston, Texas 77001
Union Oil Company of California	P O Box 3100 Midland, Texas 79702
Holly Energy, Inc.	2600 Diamond Shamrock Tower Dallas, Texas 75201 717 N. Harwood St.
Sun Production Company	P O Box 1861 Midland, Texas 79702

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Division of such intent in writing within ten days after receiving a copy of this application.

Remarks:

CERTIFICATION

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Division have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

Division Operations Manager

September 14, 1981



19 19

TO

My dear Mr. [unclear]
I have written to the
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[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]

Evelyn Downs



11/11/1918

TO

The American Red Cross
and American Society of
Hypnotism
(m) 1228
See also material in box 34

(m) 1228
See also
See also material in box 34

See also material in box 34
(m) and see also to material

Evelyn Downs

NOMENCLATURE ADVERTISEMENT FOR DECEMBER 1981
CASE NO. 2447

In the matter of the application of the Oil Conservation Division of the Energy and Minerals Department upon its own motion for an order for the creation of new pools in Chaves, Eddy, Lea, and Roosevelt County, New Mexico, the assignment of a discovery allowable for a new pool in Eddy County, New Mexico, the contraction of the vertical limits of an existing pool in Lea County, New Mexico, and the extension of certain existing pools in Chaves, Eddy, and Lea Counties, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations, contractions, and extensions should not be made.

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and designated as the Draper Mill-Upper Pennsylvanian Gas Pool with vertical limits defined as from the top of the Pennsylvanian formation at 14,128 feet to the top of the Morrow formation at 15,003 feet as found on log of discovery well the HNG Oil Company Vaca Draw 16 State Well No. 1 located in Unit E of Section 16, Township 25 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM
Section 16: W/2

(b) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the Dora-Pennsylvanian Pool. The discovery well is Enserch Exploration, Inc. Annie Harvey Well No. 1 located in Unit J of Section 6, Township 5 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 5 SOUTH, RANGE 33 EAST, NMPM
Section 6: SE/4

(c) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for ~~Morrow~~ production and designated as the Lightcap-~~Morrow~~ Gas Pool. The discovery well is Aikman Petroleum, Inc. Sanders Well No. 1 located in Unit E of Section 8, Township 8 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 8: W/2

(d) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon production and designated as the Loving-Cherry Canyon Pool. Further, to assign approximately 18,240 barrels of discovery allowable to the discovery well, the Pogo Production Company NEL Well No. 2 located in Unit I of Section 9, Township 23 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 9: SE/4

(e) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Strawn production and designated as the Midway-Strawn Pool. The discovery well is David Fasken Consolidated State Well No. 2 located in Unit A of Section 8, Township 17 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM
Section 8: NE/4

(f) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the Pecos Slope-Abo Gas Pool. The discovery well is Yates Petroleum Corporation Federal HY Well No. 2 located in Unit O of Section 33, Township 7 South, Range 25 East, NMPM. Said pool would comprise:

TOWNSHIP 4 SOUTH, RANGE 24 EAST, NMPM

Section 35: SE/4

Section 36: S/2

TOWNSHIP 4 SOUTH, RANGE 25 EAST, NMPM

Section 31: SW/4

TOWNSHIP 5 SOUTH, RANGE 24 EAST, NMPM

Section 1: A11

Section 2: E/2 and SW/4

Section 9: SE/4

Section 10: A11

Section 11: A11

Section 12: A11

Section 13: A11

Section 14: A11

Section 15: A11

Section 16: E/2

Section 21: E/2

Section 22: A11

Section 23: A11

Section 24: A11

Section 25: A11

Section 26: A11

Section 27: A11

Section 28: E/2

Section 31: S/2

Section 32: S/2

Section 33: E/2 and SW/4

Section 34: A11

Section 35: A11

Section 36: A11

TOWNSHIP 5 SOUTH, RANGE 25 EAST, NMPM

Section 6: W/2

Section 7: NW/4

Section 31: W/2 and SE/4

Section 32: S/2

TOWNSHIP 6 SOUTH, RANGE 25 EAST, NMPM

Section 1: A11

TOWNSHIP 6 SOUTH, RANGE 25 EAST, NMPM

Section 1 thru Section 36: A11

TOWNSHIP 7 SOUTH, RANGE 25 EAST, NMPM

Section 1: A11

Section 2: A11

Section 3: A11

Section 4: A11

Section 5: A11

Section 6: E/2

Section 7: N/2

Section 8: A11

Section 9: A11

Section 10: A11

Section 11: A11

Section 12: A11

Section 13: N/2 and SE/4

Section 14: N/2

Section 15: N/2

Section 16: A11

Section 17: A11

Section 20: N/2

Section 21: A11

Section 28: A11

Section 33: A11

TOWNSHIP 7 SOUTH, RANGE 26 EAST, NMPM

Section 18: S/2

(g) CREATE a new pool in Chaves County, New Mexico, classified as a gas pool for Abo production and designated as the West Pecos Slope-Abo Gas Pool. The discovery well is Mesa Petroleum Company Rock Federal Well No. 1 located in Unit J of Section 7, Township 8 South, Range 23 East, NMPM. Said pool would comprise:

TOWNSHIP 8 SOUTH, RANGE 22 EAST, NMPM
Section 12: NW/4 and E/2
Section 13: E/2

TOWNSHIP 8 SOUTH, RANGE 23 EAST, NMPM
Section 6: S/2
Section 7: All
Section 8: S/2
Section 18: N/2 and SW/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring Oil production and designated as the Red Bluff-Bone Spring Pool. The discovery well is HCW Exploration, Inc. Dorstate Well No. 1 located in Unit H of Section 27, Township 25 South, Range 28 East, NMPM.

TOWNSHIP 25 SOUTH, RANGE 28 EAST, NMPM
Section 27: NE/4

(i) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring production and designated as the Willow Lake-Bone Spring Pool. The discovery well is Maddox Energy Corporation Union Federal Well No. 1 located in Unit H of Section 33, Township 24 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 33: NE/4

(j) CONTRACT the vertical limits of the North Shoebar Pennsylvanian Pool in Lea County, New Mexico, to the Strawn formation only and redesignate pool to the Northwest Shoebar-Strawn Pool. Said pool described as:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

(k) EXTEND the Avalon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 28: S/2
Section 29: E/2
Section 32: E/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 2: Lots 9, 10, 15, 16, and SE/4

(l) EXTEND the South Bell Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM
Section 13: E/2

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
Section 17: All

(m) EXTEND the Bunting Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 23 EAST, NMPM
Section 30: S/2
Section 31: N/2

(n) EXTEND the West Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

(o) EXTEND the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 25: N/2 SW/4 and NW/4
Section 26: NE/4 and S/2
Section 27: S/2 SE/4

Nomenclature Advertisement for December 1981

(p) EXTEND the Diamond Mound-Morrow Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 27 EAST, NMPM
Section 35: N/2

(q) EXTEND the Gem-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 36: E/2

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 31: NW/4

(r) EXTEND the Inbe-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 14: NE/4

(s) EXTEND the North Lovina-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 28 EAST, NMPM
Section 30: E/2

(t) EXTEND the South Millman-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 30: N/2

(u) EXTEND the West Nadine-Blincbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 8: SE/4
Section 9: SW/4

(v) EXTEND the Nadine-Drinkard-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM
Section 22: NE/4

(w) EXTEND the Oil Center-Blincbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: E/2 SW/4

(x) EXTEND the Oil Center-Glorieta Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 36 EAST, NMPM
Section 11: NE/4

(y) EXTEND the Pensaso Draw-San Andres-Yeso Associated Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 24 EAST, NMPM
Section 35: S/2 NE/4 and SE/4
Section 36: S/2

(z) EXTEND the Robina Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 6: E/2
Section 7: E/2

(aa) EXTEND the Sawyer-San Andres Associated Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM
Section 36: NE/4

(bb) EXTEND the North Shoobar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 15: SE/4

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

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 36: SW/4

(dd) EXTEND the Townsend-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM
Section 23: N/2

(ee) EXTEND the Turkey Track-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

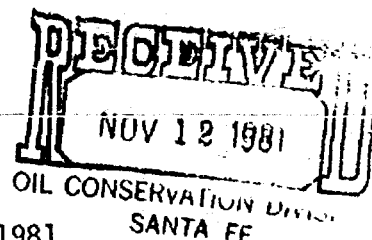
TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: E/2
Section 35: W/2

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 2: N/2
Section 3: All

(ff) EXTEND the Twin Lakes-San Andres Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 29 EAST, NMPM
Section 7: NE/4

OIL CONSERVATION DIVISION
ARTESIA, NEW MEXICO
DISTRICT II



Nomenclature Advertisement for December, 1981

- (a) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Cherry Canyon Oil production and designated as the Loring-Cherry Canyon Pool. Further to assign approximately 18240 bbls of discovery allowable to the discovery well. The discovery well is Pogo Prod. Co. NEL #2 located in Unit 1 of Section 9, Township 23 South, Range 28 East, NMPM.

Said pool would comprise:

Township 23 South, Range 28 East NMPM.
Section 9: SE/4

- (b) Create a new pool in Chaves County, New Mexico, classified as a gas pool for Abo gas production and designated as the Pecos Slope-Abo Gas Pool. The discovery well is Yates Petroleum Corporation, Federal HY #2 located in Unit 0 of Section 33, Township 7 South, Range 25 East, NMPM.

Said pool would comprise:

Township 4 South, Range 24 East NMPM.
Section 34: SE/4
Section 36: S/2

Township 4 South, Range 25 East NMPM.
Section 31: SW/4

Township 5 South, Range 24 East NMPM.
Section 1: ALL
Section 2: E/2 & SW/4
Section 9: SE/4
Section 10: thru 15: ALL
Section 16: E/2
Section 21: E/2
Section 22: thru 27: ALL
Section 28: E/2
Section 31: S/2
Section 32: S/2
Section 33: E/2 & SW/4
Section 34: thru 36: ALL

Township 5 South, Range 25 East NMPM.
Section 6: W/2
Section 7: NW/4
Section 31: W/2 & SE/4
Section 32: S/2

Township 6 South, Range 24 East NMPM
Section 1: ALL

Township 6 South, Range 25 East NMPM
Sections 1: thru 36: ALL

Township 7 South, Range 25 East NMPM
Section 1: thru 5: ALL
Section 6: E/2
Section 7: N/2
Section 8: thru 12: ALL
Section 13: N/2 & SE/4
Section 14: N/2
Section 15: N/2
Section 16: & 17: ALL
Section 20: N/2
Section 21: ALL
Section 28: ALL
Section 33: ALL

Township 7 South, Range 26 East NMPM.
Section 18: S/2

- (c) Create a new pool in Chaves County, New Mexico, classified as a gas pool for Abo Gas production and designated as the West Pecos Slope-Abo Gas Pool. The discovery well is Mesa Petroleum Co. Rock Federal #1 located in Unit J of Section 7, Township 8 South, Range 23 East, NMPM. Said pool would comprise:
- Township 8 South, Range 22 East NMPM.
 - Section 12: NW/4 & E/2
 - Section 13: E/2

 - Township 8 South, Range 23 East NMPM.
 - Section 6: S/2
 - Section 7: ALL
 - Section 8: S/2
 - Section 18: N/2 & SW/4
- (d) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring Oil production and designated as the Red Bluff-Bone Spring Pool. The discovery well is HCW Exploration, Inc. Dorstate #1 located in Unit H of Section 27, Township 25 South, Range 28 East NMPM. Said Pool would comprise:
- Township 25 South, Range 28 East NMPM.
 - Section 27: NE/4
- (e) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Spring Oil production and designated as the Willow Lake-Bone Spring Pool. The discovery well is Maddox Energy Corporation, Union Federal #1 located in Unit H of Section 33, Township 24 South, Range 28 East NMPM. Said pool would comprise:
- Township 24 South, Range 28 East NMPM.
 - Section 33: NE/4
- (f) Extend the Avalon-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
- Township 20 South, Range 27 East NMPM.
 - Section 28: S/2
 - Section 29: E/2
 - Section 32: E/2

 - Township 21 South, Range 26 East NMPM.
 - Section 2: Lots 9, 10, 15, 16 & SE/4
- (g) Extend the Bunting Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
- Township 19 South, Range 23 East NMPM.
 - Section 30: S/2
 - Section 36: N/2
- (h) Extend the West Burton Flat-Atoka Gas Pool in Eddy County, New Mexico, to include therein:
- Township 20 South, Range 28 East NMPM.
 - Section 30: E/2
- (i) Extend the South Culebra Bluff-Bone Spring Pool in Eddy County, New Mexico to include therein:
- Township 23 South, Range 28 East NMPM.
 - Section 25: N/2 SW/4 & NW/4
 - Section 26: NE/4 & S/2
 - Section 27: S/2 SE/4
- (j) Extend the Diamond Mound-Morrow Gas Pool in Chaves County, New Mexico to include therein:
- Township 15 South, Range 27 East NMPM
 - Section 35: N/2
- (k) Extend the North Loving-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
- Township 23 South, Range 28 East NMPM.
 - Section 30: E/2
- (l) Extend the South Millman-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
- Township 19 South, Range 28 East NMPM.
 - Section 30: N/2

- (m) Extend the Penasco Draw-SA Yeso Pool in Eddy County, New Mexico, to include therein:
Township 18 South, Range 24 East NMPM.
Section 35: S/2 NE/4 & SE/4
Section 36: S/2
- (n) Extend the Robina Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
Township 23 South, Range 24 East NMPM.
Section 6: E/2
Section 7: E/2
- (o) Extend the Turkey Track-Atoka Gas Pool in Eddy County, New Mexico, to include therein:
Township 18 South, Range 29 East NMPM.
Section 22: S/2
Section 27: ALL
Section 34: E/2
Section 35: W/2
Township 19 South, Range 29 East NMPM.
Section 2: N/2
Section 3: ALL
- (p) Extend the Twin Lakes-San Andres Pool in Chaves County, New Mexico, to include therein:
Township 9 South, Range 29 East NMPM.
Section 7: NE/4

11-10-81

Xc: Carl Ulvog
OCD, Santa Fe

Evelyn Downs
OCD, Hobbs

4481: ENERGY RESERVES GROUP, INC.
FOR CREATION OF A NEW GAS POOL AND UN-
CERTAIN LOCATION, ROOSEVELT COUNTY, NEW
MEXICO

DOCKET MAILED

Date 12/8/81

12/28/81

1/25/82