

CASE 5274:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

CASE No.

5274

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
July 10, 1974

EXAMINER HEARING

-----  
IN THE MATTER OF: )

Southeastern nomenclature case calling )  
for the creation, abolishment, and )  
extension of certain pools in Lea, )  
Eddy, and Chaves Counties, New Mexico. )

CASE 5274

-----  
BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil            Thomas Derryberry, Esq.  
Conservation Commission:    State Land Office Building  
                                 Santa Fe, New Mexico

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I N D E X

CARL ULVOG

Page

Direct Examination by Mr. Derryberry

3

E X H I B I T S

Offered

Admitted

Nomenclature Exhibit

5

5

ULVOG-DIRECT

CASE 5274

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MR. NUTTER: We will call Case Number 5274.

MR. DERRYBERRY: Case 5274, southeastern nomenclature case calling for the creation, abolishment, and extension of certain pools in Lea, Eddy, and Chaves Counties, New Mexico.

MR. NUTTER: Are there any appearances in Case 5274?

MR. DERRYBERRY: Mr. Examiner, I am Tom Derryberry representing the Commission. I have one witness.

(Whereupon, the Witness was sworn.)

CARL ULVOG

called as a witness, having been first duly sworn, was examined and testified as follows:

DIRECT EXAMINATION

BY MR. DERRYBERRY:

Q Would you please state your name for the record?

A Carl Ulvog.

Q Are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in Lea, Eddy, and Chaves Counties, New Mexico?

A Yes, sir, I am.

Q Are your recommendations prepared in the form of an exhibit?

A Yes, they are.

Q Would you please refer to this Exhibit and to the Docket which has been prepared and distributed at this Hearing and point out any substantial difference between the two?

A Yes. The advertisement and the Docket consisted of paragraphs (a) through (v). We have one addition to that which is covered by paragraph (w), and I will describe what that paragraph covers. This is for the creation of a new oil pool in Eddy County, New Mexico for the production of oil from the Delaware formation, said pool to bear the designation of the South Carlsbad-Delaware Pool, and the discovery well for this Pool, the D. L. Hannifin and Joe Don Cook Merland Well No. 1 in Unit J, Section 24, Township 22 South, Range 26 East, New Mexico Prime Meridian, is entitled to and should receive a bonus allowable in the amount of 22,270 barrels of oil to be assigned over a two-year period. The discovery well was completed in the Delaware formation on February 26, 1974. The top of the perforation is at 4454.

Q Do you have anything further to add to your testimony?

A No, sir.

Q Would you please indicate the manner in which your Exhibit is designated?

A Yes. The Exhibit is a series of plats on which is designated the acreage involved, and describing the well that made the discovery or the extensions.

MR. DERRYBERRY: Thank you. At this time I would like to introduce the Commission's Exhibit for this nomenclature case.

(Whereupon, a discussion was held off the record.)

MR. NUTTER: The nomenclature Exhibit, Case 5274, will be admitted.

(Whereupon, the nomenclature Exhibit was admitted into evidence.)

MR. NUTTER: Does anyone have any questions of Mr. Ulvog? You may be excused.

MR. DERRYBERRY: I have no further questions.

(Whereupon, a discussion was held off the record.)

MR. DERRYBERRY: I have nothing further.

MR. NUTTER: Does anyone have anything they wish to offer in Case Number 5274?

We will take the Case under advisement and the Hearing is adjourned.

(Whereupon, the Hearing adjourned at 11:20 A.M.)

THE NYE REPORTING SERVICE  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 982-0386

STATE OF NEW MEXICO )

SS.

COUNTY OF SANTA FE )

I, RICHARD L. NYE, Court Reporter, do hereby certify

that the foregoing and attached Transcript of Hearing before

the New Mexico Oil Conservation Commission was reported by

me, and the same is a true and correct record of the said

proceedings, to the best of my knowledge, skill and ability.

Richard L. Nye  
RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5274 heard by me on 7/10, 1974.

....., Examiner  
New Mexico Oil Conservation Commission

**THE NYE REPORTING SERVICE**  
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225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 982-0386



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 5274  
Order No. R-4821

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING, ABOLISHING, AND EXTENDING  
CERTAIN POOLS IN CHAVES, EDDY, AND LEA  
COUNTIES, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on July 10, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 16th day of July, 1974, the Commission, a quorum being present, 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 Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Black River-Wolfcamp Gas Pool. Said Black River-Wolfcamp Gas Pool was discovered by the Amoco Production Company Herren Federal Gas Com Well No. 1, located in Unit K of Section 7, Township 24 South, Range 27 East, NMPM. It was completed in the Wolfcamp formation on April 3, 1974. The top of the perforations is at 10,026 feet.

(3) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Cooper-Morrow Gas Pool. Said Cooper-Morrow Gas Pool was discovered by the El Paso Natural Gas Company Cooper Federal Well No. 1, located in Unit F of Section 21, Township 24 South, Range 36 East, NMPM. It was completed in the Morrow formation on April 24, 1974. The top of the perforations is at 11,452 feet.

(4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Malaga-Morrow

Gas Pool. Said Malaga-Morrow Gas Pool was discovered by the Phillips Petroleum Company Malaga A Well No. 1, located in Unit L of Section 2, Township 24 South, Range 28 East, NMPM. It was completed in the Morrow formation on March 3, 1974. The top of the perforations is at 12,310 feet.

(5) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Bell Lake-Atoka Gas Pool with a provision for 160-acre spacing units. Said Bell Lake-Atoka Gas Pool was discovered by the Continental Oil Company Bell Lake Unit Well No. 2, located in Unit N of Section 30, Township 23 South, Range 34 East, NMPM. It was completed in the Atoka formation on October 30, 1954. The top of the perforations is at 12,469 feet.

(6) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Atoka Pennsylvanian formation, said pool to bear the designation of South Bell Lake-Atoka Gas Pool. Said South Bell Lake-Atoka Gas Pool was discovered by the Continental Oil Company Bell Lake Unit 1 Well No. 4, located in Unit F of Section 6, Township 24 South, Range 34 East, NMPM. It was completed in the Atoka Pennsylvanian formation on July 6, 1973. The top of the perforations is at 12,450 feet.

(7) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of South Bell Lake-Morrow Gas Pool with a provision for 160-acre spacing units. Said South Bell Lake-Morrow Gas Pool was discovered by the Continental Oil Company Bell Lake State 3 Well No. 5, located in Unit G of Section 1, Township 24 South, Range 33 East, NMPM. It was completed in the Morrow Sand formation on October 3, 1958. The top of the perforations is at 14,417 feet.

(8) That there is need for the abolishment of the Bell Lake-Pennsylvanian Gas Pool in Lea County, New Mexico, which produces from the Atoka and Morrow formations in order to create three separate Atoka and Morrow gas pools from the abolished acreage.

(9) That there is need for certain extensions to the Twin Lakes-San Andres Pool in Chaves County, New Mexico, the Black River-Pennsylvanian Gas Pool, the Burton Flat-Morrow Gas Pool, the Cabin Lake-Strawn Pool, the Cemetery-Morrow Gas Pool, the North Dagger Draw-Upper Pennsylvanian Pool, the Eagle Creek-San Andres Pool, the Loco Hills Queen Grayburg-San Andres Pool, the Red Lake-Pennsylvanian Gas Pool, and the Rocky Arroyo-Canyon Gas Pool, all in Eddy County, New Mexico, the North Bagley-Pennsylvanian Pool, the Hat Mesa-Morrow Gas Pool, the Townsend-Strawn Pool, the North Vacuum-Abo Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

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Case No. 5274  
Order No. R-4821

IT IS THEREFORE ORDERED:

(a) That a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production, is hereby created and designated as the Black River-Wolfcamp Gas Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
Section 7: SW/4

(b) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production, is hereby created and designated as the Cooper-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 21: N/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2

(d) That the Bell Lake-Pennsylvanian Gas Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
Section 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 30: All  
Section 31: All

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
Section 1: NE/4

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 6: NW/4

is hereby abolished.

(e) That a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production with a provision for 160-acre spacing units, is hereby created and designated as the Bell Lake-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 30: SW/4

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Case No. 5274  
Order No. R-4821

(f) That a new pool in Lea County, New Mexico, classified as a gas pool for Atoka Pennsylvanian production, is hereby created and designated as the South Bell Lake-Atoka Gas Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 6: W/2

(g) That a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production with a provision for 160-acre spacing units, is hereby created and designated as the South Bell Lake-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
Section 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 31: SW/4

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
Section 1: NE/4

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

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM  
Section 6: NE/4

(i) That the Black River-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 12: SW/4

(j) That the Burton Flat-Morrow 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 27: N/2

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

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 11: W/2 NE/4

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
Section 8: All

(m) That the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 17: N/2

(n) That the Eagle Creek-San Andres Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM  
Section 13: W/2 SW/4  
Section 28: SW/4  
Section 29: S/2

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
Section 10: E/2  
Section 11: W/2

(p) That the Loco Hills Queen Grayburg-San Andres 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 23: NE/4 NE/4

(q) That the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
Section 18: N/2

(r) That the Rocky Arroyo-Canyon Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 4: S/2  
Section 5: S/2

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Case No. 5274  
Order No. R-4821

(s) That the Townsend-Strawn 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 9: N/2 and SE/4

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

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM  
Section 36: SW/4 SE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
Section 16: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM  
Section 11: NW/4

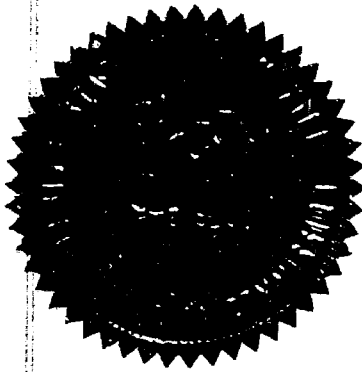
IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, 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 Commission. 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 Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission 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, and extensions included herein shall be August 1, 1974.

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Case No. 5274  
Order No. R-4821

DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*I. R. Trujillo*  
I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

*A. L. Porter Jr.*  
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/

Dockets Nos. 21-74 and 22-74 are tentatively set for hearing on July 24 and August 7. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JULY 10, 1974

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

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

- ALLOWABLE: (1) Consideration of the allowable production of gas from seventeen prorated pools in Lea, Eddy, Roosevelt, and Chaves Counties, New Mexico, for August, 1974;
- (2) Consideration of the allowable production of gas from five prorated pools in San Juan, Rio Arriba, and Sandoval Counties, New Mexico, for August, 1974.

CASE 3608: (Reopened) (Continued from the June 19th Examiner Hearing)

In the matter of Case No. 3608 being reopened pursuant to the provisions of Order No. R-3282, which order established temporary rules for the Carlsbad Permo-Penn Gas Pool, Eddy County, New Mexico, including a provision for 640-acre spacing. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing units.

CASE 5265: Application of David Fasken for an unorthodox location and a non-standard proration unit, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of a well to be drilled to the Morrow formation at a point 1664 feet from the North line and 660 feet from the East line of Section 1, Township 21 South, Range 26 East, Eddy County, New Mexico. Applicant further seeks approval for a 281.3-acre non-standard proration unit for said well comprising all of Lots 1 through 8 of said Section 1.

CASE 5266: Application of David Fasken for an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for an unorthodox gas well location for a well to be drilled to the Morrow formation at a point 1300 feet from the South and West lines of Section 29, Township 20 South, Range 25 East, Cemetery-Morrow Gas Pool, Eddy County, New Mexico, the S/2 of said Section 29 to be dedicated to the well.

CASE 5267: Application of Mark Production Company for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Pennsylvanian formation underlying the E/2 of Section 1, Township 18 South, Range 26 East, Atoka-Pennsylvanian Pool, Eddy County, New Mexico, to be dedicated to a well to be drilled at an orthodox location 990 feet from the South and East lines of said Section 1. Also to be considered will



(Case 5267 continued from Page 1)

be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5268: Application of Anadarko Production Company, General American Oil Company of Texas and Shenandoah Oil Corporation for four waterflood projects, Eddy County, New Mexico. Applicants, in the above-styled cause, seek authority to institute four cooperative waterflood projects by the injection of water into the Grayburg-San Andres formation in Township 17 South, Range 30 East, Grayburg-Jackson Pool, Eddy County, New Mexico as follows:

Project No. 1: Anadarko's Loco Hills "A" Federal lease by the conversion of four wells in Sections 10 and 15 to water injection;

Project No. 2: Anadarko's Loco Hills "B" Federal lease by the conversion of three wells in Section 9;

Project No. 3: General American Parke "F" lease by the conversion of one well in Section 10;

Project No. 4: Shenandoah's Parke "B" lease by the conversion of two wells in Section 15.

CASE 5269: Application of Union Oil Company of California for a unit agreement, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval of the Estacado Unit Area comprising 1280 acres, more or less, of State and fee lands in Township 14 South, Range 35 East, Lea County, New Mexico.

CASE 5270: Application of Texaco Inc. for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying all of Section 33, Township 24 South, Range 26 East, White City-Pennsylvanian Gas Pool, Eddy County, New Mexico, to be dedicated to applicant's White City Com. Well No. 1 in Unit F of said Section 33.

CASE 5271: Application of Merrion & Bayless for compulsory pooling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Dakota formation underlying the W/2 of Section 13, Township 24 North, Range 6 West, Rio Arriba County, New Mexico, to be dedicated to a well to be drilled at a standard location for said unit in Unit F of said Section 13. Also to be considered will be the cost of drilling and completing said well and the allocation of such costs, as well as actual operating costs and charges for supervision. Also to be considered is the designation of applicant as operator of the well and a charge for risk involved in drilling said well.

CASE 5272: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Consolidated Oil and Gas, Inc., United States Fidelity & Guaranty Company and all other interested parties to appear and show cause why the Consolidated Oil and Gas, Inc., Price Well No. 1 located in Unit N, Section 15, Township 31 North, Range 13 West, San Juan County, New Mexico, should not be recompleted as a single-zone well or be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5273: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Eastern Petroleum Corporation, United States Fidelity and Guaranty Company and all other interested parties to appear and show cause why the following wells should not be abandoned in accordance with a Commission-approved plugging program:

Castillo #1 located in Unit P, Section 35, Township 20 North, Range 7 West, McKinley County, New Mexico;

Chopup #1 located in Unit N, Section 30, Township 19 North, Range 6 West, McKinley County, New Mexico;

Chacra Mesa #1 located in Unit B, Section 14, Township 19 North, Range 7 West, McKinley County, New Mexico;

Blackjack #1 located in Unit P, Section 12, Township 21 North, Range 9 West, San Juan County, New Mexico;

Pornada #1 located in Unit H, Section 27, Township 18 North, Range 7 West, McKinley County, New Mexico.

CASE 4749: (Reopened)

In the matter of Case No. 4749 being reopened pursuant to the provisions of Order No. R-4338-A, which order continued special rules for the Humble City-Strawn Pool, Lea County, New Mexico. All interested parties may appear and show cause why said pool should not be developed on 40-acre spacing.

CASE 4946: (Reopened)

In the matter of Case No. 4946 being reopened pursuant to the provisions of Order No. R-4581, which order established temporary rules for the Crosby-Fusselman Associated Pool, Lea County, New Mexico. All interested parties may appear and show cause why said rules should not be rescinded.

CASE 5110: (Continued from January 16, 1974)

In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the institution of gas prorationing in

(Case 5110 continued from Page 3)

the Washington Ranch-Morrow Gas Pool, Eddy County, New Mexico, to provide for fixing the total allowable natural gas production from said pool to an amount equal to reasonable market demand and to the capacity of the gas transportation facilities. Also to be considered will be the adoption of special rules and regulations for said pool including a provision for allocating the allowable production among the wells in the pool. NOTE: This case will be continued to the first Examiner Hearing in January, 1975.

CASE 5274: Southeastern nomenclature case calling for the creation, abolishment, and extension of certain pools in Lea, Eddy, and Chaves Counties, New Mexico.

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Black River-Wolfcamp Gas Pool. The discovery well is Amoco Production Company Herren Federal Gas Com Well No. 1 located in Unit K of Section 7, Township 24 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
Section 7: SW/4

(b) Create a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Cooper-Morrow Gas Pool. The discovery well is the El Paso Natural Gas Company Cooper Federal Well No. 1 located in Unit F of Section 21, Township 24 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
Section 21: N/2

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Malaga-Morrow Gas Pool. The discovery well is Phillips Petroleum Company Malaga A Well No. 1 located in Unit L of Section 2, Township 24 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2

(d) Abolish the Bell Lake-Pennsylvanian Gas Pool in Lea County, New Mexico, described as:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
Section 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 30: All  
Section 31: All

(Case 5274 continued from Page 4)

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
Section 1: NE/4

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 6: NW/4

(e) Create a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production with a provision for 160-acre spacing units and designated as the Bell Lake-Atoka Gas Pool. The discovery well is the Continental Oil Company Bell Lake Unit Well No. 2 located in Unit N of Section 30, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 30: SW/4

(f) Create a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the South Bell Lake-Atoka Gas Pool. The discovery well is the Continental Oil Company Bell Lake Unit 1 Well No. 4 located in Unit F of Section 6, Township 24 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 6: W/2

(g) Create a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production with a provision for 160-acre spacing units and designated as the South Bell Lake-Morrow Gas Pool. The discovery well is the Continental Oil Company Bell Lake State 3 Well No. 5 located in Unit G of Section 1, Township 24 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
Section 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
Section 31: SW/4

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
Section 1: NE/4

(h) Extend the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM  
Section 6: NE/4

- (i) Extend the Black River-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 12: SW/4

- (j) Extend the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 27: N/2

- (k) Extend the Cabin Lake-Strawn Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 11: W/2 NE/4

- (l) Extend the Cemetary-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
Section 8: All

- (m) Extend the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
Section 17: N/2

- (n) Extend the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM  
Section 13: W/2 SW/4  
Section 28: SW/4  
Section 29: S/2

- (o) Extend the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
Section 10: E/2  
Section 11: W/2

- (p) Extend the Loco Hills Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
Section 23: NE/4 NE/4

Inner Hearing - Wednesday - July 10, 1974

Docket No. 19-74

-7-

(q) Extend the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
Section 18: N/2

(r) Extend the Rocky Arroyo-Canyon Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 4: S/2  
Section 5: S/2

(s) Extend the Townsend-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
Section 9: N/2 and SE/4

(t) Extend the Twin Lakes-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM  
Section 36: SW/4 SE/4

(u) Extend the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
Section 16: SE/4

(v) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM  
Section 11: NW/4

(w) Not listed in docket. Not included in list.  
last of the same group

NEW POOLS

a) It is recommended that a new gas pool be created and designated as the BLACK RIVER-WOLFCAMP GAS Pool.

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

Discovery well was Amoco Production Company - Herren Federal Gas Com #1 located in Unit K Section 7 Township 24S Range 27E and was completed on April 3, 1974. Top of perforations is at 10,026 feet.

b) It is recommended that a new gas pool be created and designated as the COOPER-MORROW GAS Pool.

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

Discovery well was El Paso Natural Gas Company - Cooper Federal #1 located in Unit F Section 21 Township 24S Range 36E and was completed on April 24, 1974. Top of perforations is at 11,452 feet.

c) It is recommended that a new gas pool be created and designated as the MALAGA-MORROW GAS Pool.

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

Discovery well was Phillips Petroleum Company - Malaga A #1 located in Unit L Section 2 Township 24S Range 28E and was completed on March 3, 1974. Top of perforations is at 12,310 feet.

NEW POOLS

e) It is recommended that a new gas pool be created and designated as the BELL LAKE-ATOKA GAS Pool.

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

Discovery well was Continental Oil Company - Bell Lake Unit #2 located in Unit N Section 30 Township 23S Range 34E and was completed on October 30, 1954. Top of perforations is at 12,469 feet.

f) It is recommended that a new gas pool be created and designated as the SOUTH BELL LAKE-ATOKA GAS Pool.

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

Discovery well was Continental Oil Company - Bell Lake Unit 1 #4 located in Unit F Section 6 Township 24S Range 34E and was completed on July 6, 1973. Top of perforations is at 12,450 feet.

g) It is recommended that a new gas pool be created and designated as the SOUTH BELL LAKE-MORROW GAS Pool.

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

Discovery well was Continental Oil Company - Bell Lake State 3 #5 located in Unit G Section 1 Township 24S Range 33E and was completed on October 3, 1958. Top of perforations is at 14,417 feet.



NEW POOLS

*skip this one - not advertised.*  
w) It is recommended that a new oil pool be created and designated as the SOUTH CARLSBAD-DELAWARE Pool.

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

Discovery well was D.L. Hannifin & Joe Don Cook - Merland #1 located in Unit J Section 24 Township 22S Range 26E and was completed on February 26, 1974. Top of perforations is at 4454 feet.

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

Vertical limits to be the \_\_\_\_\_ formation and the horizontal limits should be as follows: \_\_\_\_\_

Discovery well was \_\_\_\_\_ located in Unit \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ and was completed on \_\_\_\_\_. Top of perforations is at \_\_\_\_\_ feet.

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

Vertical limits to be the \_\_\_\_\_ formation and the horizontal limits should be as follows: \_\_\_\_\_

Discovery well was \_\_\_\_\_ located in Unit \_\_\_\_\_ Section \_\_\_\_\_ Township \_\_\_\_\_ Range \_\_\_\_\_ and was completed on \_\_\_\_\_. Top of perforations is at \_\_\_\_\_ feet.

CASE 5274: (a) CREATION OF A NEW GAS POOL  
COUNTY Eddy POOL Black River-Wolfcamp Gas

TOWNSHIP	24S	RANGE	27E	NMPM		
	6	5	4	3	2	1
	7	8	9	10	11	12
	18	17	16	15	14	13
	19	20	21	22	23	24
	30	29	28	27	26	25
	31	32	33	34	35	36

Purpose: One completed gas well capable of producing.

Discovery well: Amoco Production Co. Herren Federal Gas Com #1-K  
7-24-27, Comp. 4-3-74 through Wolfcamp perfs 10026-134'.

Proposed pool boundary outlined in green.

Sec. 7: SW/4

SE NOMENCLATURE EXHIBIT JULY 74

CASE 5274: (b) CREATION OF A NEW GAS POOL

COUNTY LEA POOL COOPER-MORROW GAS

TOWNSHIP	24 South	RANGE	36 East	NMPM
6	5	4	3	2
7	8	9	10	11
18	17	16	15	14
19	20	21	22	23
30	29	28	27	26
31	32	33	34	35

PURPOSE: One completed gas well capable of producing.

EL PASO NATURAL GAS COMPANY - Cooper Federal #1 in Unit F of Section 21-24-36. Completed in Morrow on April 24, 1974. Top of Perforations 11,452'.

Proposed pool boundary colored in red. SECTION 21: N/2

CASE 5274: (c) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Malaga-Morrow Gas

TOWNSHIP	24S	RANGE	28E	NMPM
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 gas well capable of producing.

Discovery well: Phillips Petroleum Co. Malaga A #1-L, 2-24-28  
Comp. 3-3-74 through Morrow Perfs 12310-318'.

Proposed pool boundary outlined in green.

Sec. 2: W/2

CASE 5274: (d) ABOLISHMENT OF AN EXISTING GAS POOL (Continued on next page)

COUNTY LEA POOL BELL LAKE-PENNSYLVANIAN GAS

TOWNSHIP 23 South RANGE 33 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: Abolish Bell Lake-Pennsylvanian Gas Pool which produces from both the Atoka and Morrow formations and create three separate Atoka and Morrow gas pools from the abolished acreage.

Proposed pool abolishment colored in blue. SECTION 36: SE/4

CASE 5274: (d) ABOLISHMENT OF AN EXISTING GAS POOL (Continued on next page)

COUNTY LEA POOL BELL LAKE-PENNSYLVANIAN GAS

TOWNSHIP 23 South RANGE 34 East NMFM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As shown on preceding page, paragraph (d), Exhibit I.

Proposed pool abolishment colored in blue. SECTION 30: All

SECTION 31: All

CASE 5274: (d) ABOLISHMENT OF AN EXISTING GAS POOL (Continued on next page)  
COUNTY LEA POOL BELL LAKE-PENNSYLVANIAN GAS

TOWNSHIP	24 South	RANGE	33 East	NMPM
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: As stated on preceding page, paragraph (d), Exhibit I.

Proposed pool abolishment colored in blue. SECTION 1: NE/4

COUNTY LEA POOL BELL LAKE-PENNSYLVANIAN GAS

TOWNSHIP 24 South RANGE 34 East NMPM

A 6x6 grid with numbers 1-36. The numbers are arranged in a boustrophedon pattern: Row 1 (right to left): 1, 2, 3, 4, 5; Row 2 (left to right): 6, 7, 8, 9, 10; Row 3 (right to left): 11, 12, 13, 14, 15; Row 4 (left to right): 16, 17, 18, 19, 20; Row 5 (right to left): 21, 22, 23, 24, 25; Row 6 (left to right): 26, 27, 28, 29, 30; Row 7 (right to left): 31, 32, 33, 34, 35; Row 8 (left to right): 36, 37, 38, 39, 40. A 3x3 sub-grid is located in the top-left corner, containing the numbers 1, 2, 3, 4, 5, 6, 7, 8, 9. The sub-grid is defined by the first three columns and the first three rows of the main grid.

Proposed pool abolishment colored in blue. SECTION 6: NW/4



CASE 5274: (e) CREATION OF A NEW GAS POOL

COUNTY LEA POOL BELL LAKE-ATOKA GAS

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

PURPOSE: To take in portion of abolished acreage from Bell Lake-Pennsylvanian

Pool and one completed gas well capable of producing.

CONTINENTAL OIL COMPANY - Bell Lake Unit #2 in Unit N of Section 30-23-

34. Completed in Atoka on October 30, 1954. Top of Perforations 12,469'.

Proposed pool creation to have a provision for 160-acre spacing units and proposed horizontal limits are colored in red. SECTION 30: SW/4

CASE 5274: (f) CREATION OF A NEW GAS POOL

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

PURPOSE: To take in portion of abolished acreage from Bell Lake-Pennsylvanian Gas Pool and one completed gas well capable of producing.

CONTINENTAL OIL COMPANY - Bell Lake Unit 1 #4 in Unit F of Section 6-24-34. Completed in Atoka Pennsylvanian on July 6, 1973. Top of Perforations 12,450'.

Proposed pool boundary colored in red. SECTION 6: W/2

CASE 5274: (g) CREATION OF A NEW GAS POOL (Continued on next page)

COUNTY LEA POOL SOUTH BELL LAKE-MORROW GAS

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

PURPOSE: To take in portion of abolished acreage from Bell Lake-Pennsylvanian

Gas Pool and two completed gas wells capable of producing.

Proposed pool creation to have a provision for 160-acre spacing units and  
proposed pool boundary colored in red. SECTION 36: SE/4

CASE 5274: (g) CREATION OF A NEW GAS POOL (Continued on next page)

COUNTY LEA POOL SOUTH BELL LAKE-MORROW GAS

TOWNSHIP 23 South RANGE 34 East NMPM

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (g), Exhibit I.  
 CONTINENTAL OIL COMPANY - Bell Lake State #1 in Unit N of Section 31-23-34. Completed in Morrow on March 10, 1968. Top of Perforations 13,406'. Proposed pool creation to have a provision for 160-acre spacing units and proposed pool boundary colored in red. SECTION 31: SW/4

CASE 5274: (g) CREATION OF A NEW GAS POOL (Continued)

COUNTY LEA

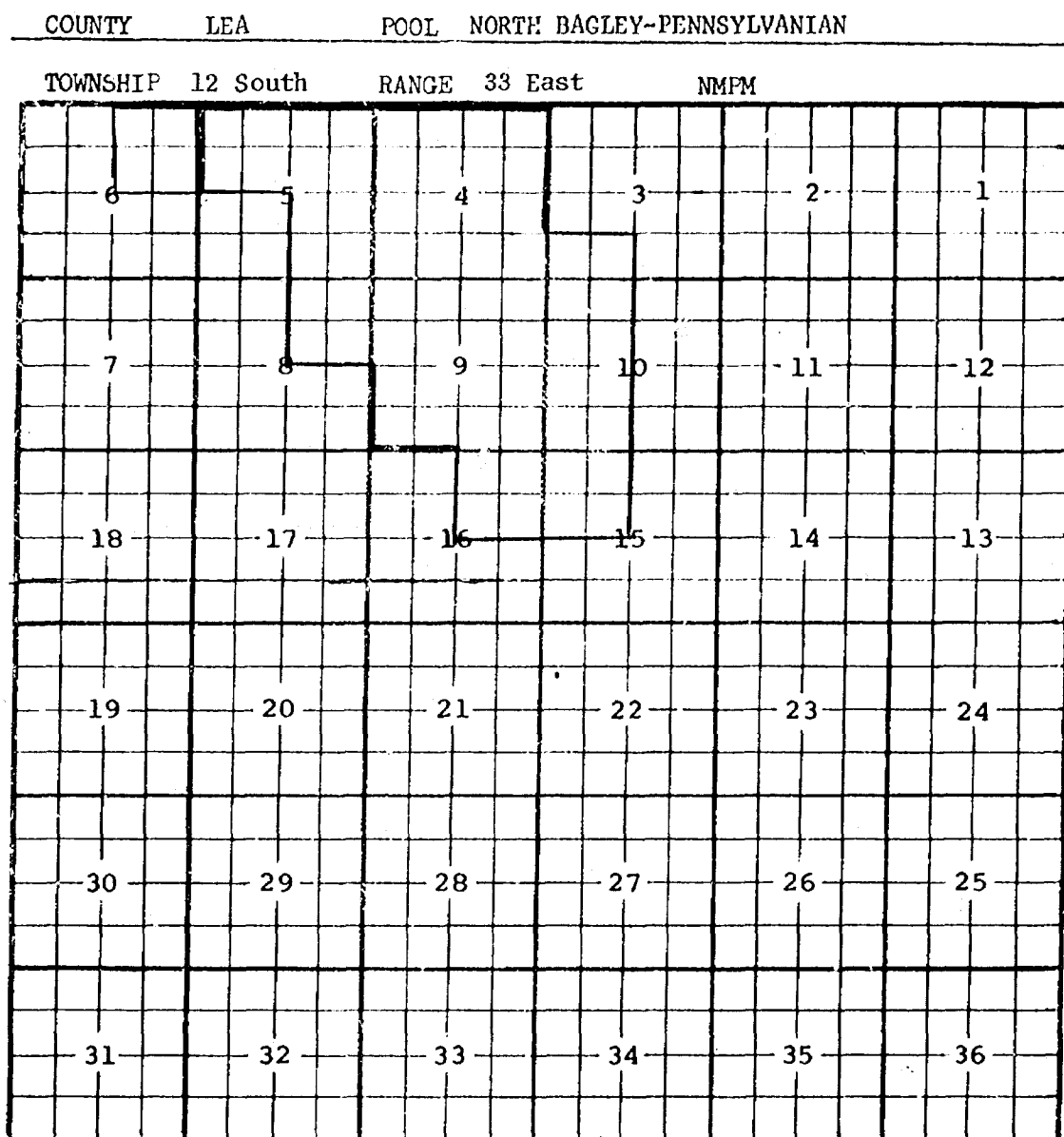
POOL SOUTH BELL LAKE-MORROW GAS

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

PURPOSE: As stated on preceding page, paragraph (g), Exhibit I.  
 CONTINENTAL OIL COMPANY - Bell Lake State 3 #5 in Unit G of Section 1-24-  
 33. Completed in Morrow Sand on October 3, 1958. Top of Perforations  
 14,417'.

Proposed pool creation to have a provision for 160-acre spacing units  
 and proposed pool boundary colored in red. SECTION 1: NE/4

CASE 5274: (h) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

BTA OIL PRODUCERS - Brewer 689 C Ltd. #1 in Unit A of Section 6-12-33.

Completed in Pennsylvanian on May 19, 1974. Top of Perforations 9158'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 6: NE/4

CASE 5274: (i) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Black River-Penn Gas

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

Purpose: Re-dedication of acreage to a previously completed gas well as a result of Order R-4698 changing spacing to 320 acres eff. 2-1-74.

Operator	Lease	#	Ut.	S-T-R	Comp.	Form.	TOP
Joseph I.O'Neill Jr.	Federal D	1	P	12-24-26	9-1-58	Morrow	11566

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 12: SW/4

COUNTY	Eddy	POOL	Burton Flat-Morrow Gas
--------	------	------	------------------------

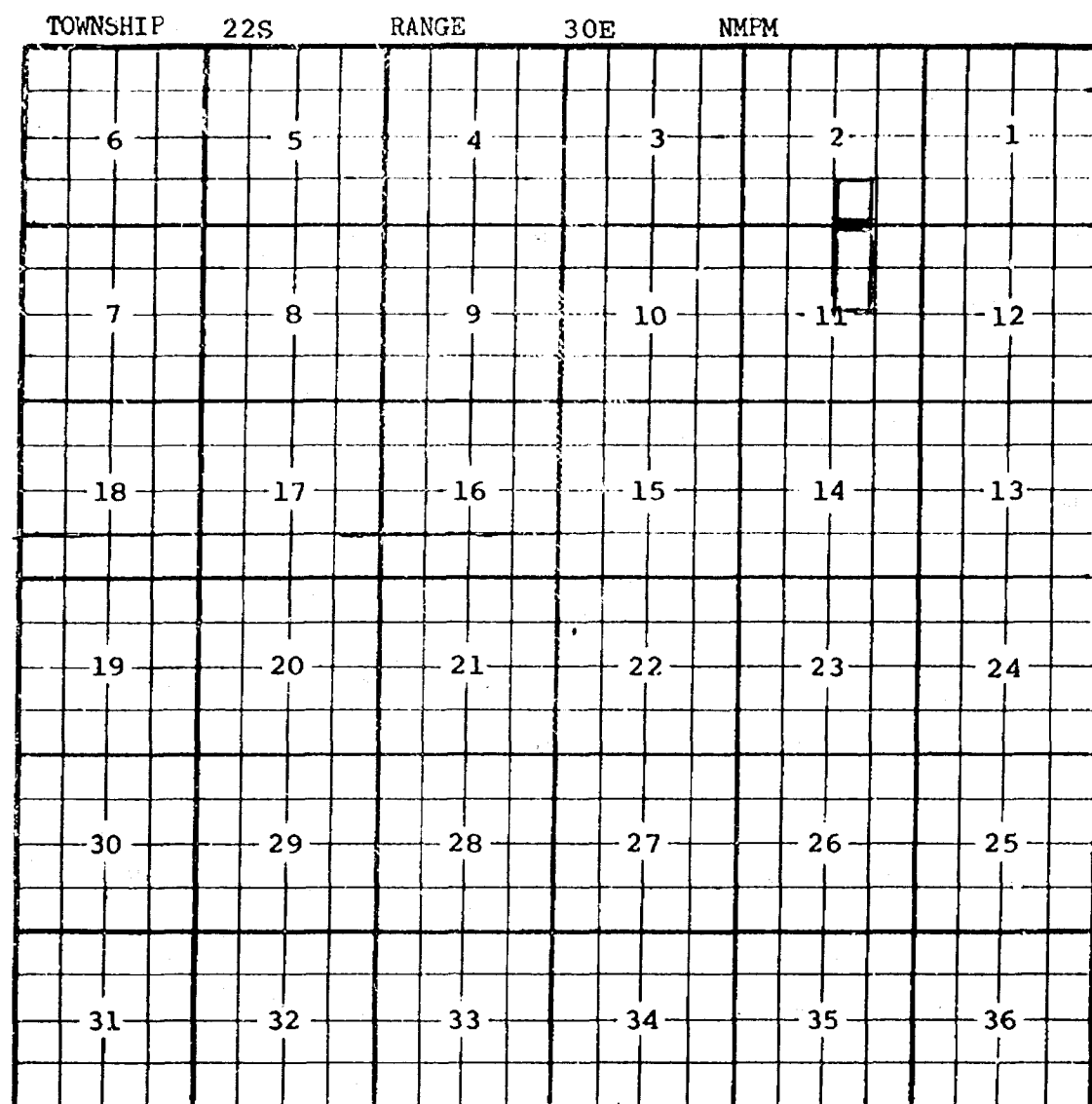
A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with the first row containing 1-6, the second row 7-12, the third row 13-18, the fourth row 19-24, the fifth row 25-30, and the sixth row 31-36. A path of 10 squares is highlighted with a thick black border, starting at square 27 and ending at square 34. The path consists of the following squares: 27, 26, 25, 24, 23, 22, 21, 20, 19, and 18.

Operator	Lease	#&Ut.	S-T-R	Comp.	Form.	TOP
Monsanto Co.	Burton Flat Deep	Ut. 11-B	27-20-28	5-28-74	Morrow	10990

Proposed extension outlined in green.  
Sec. 27: N/2



CASE 5274: (k) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Cabin Lake-Strawn



Purpose: One completed oil well capable of producing.

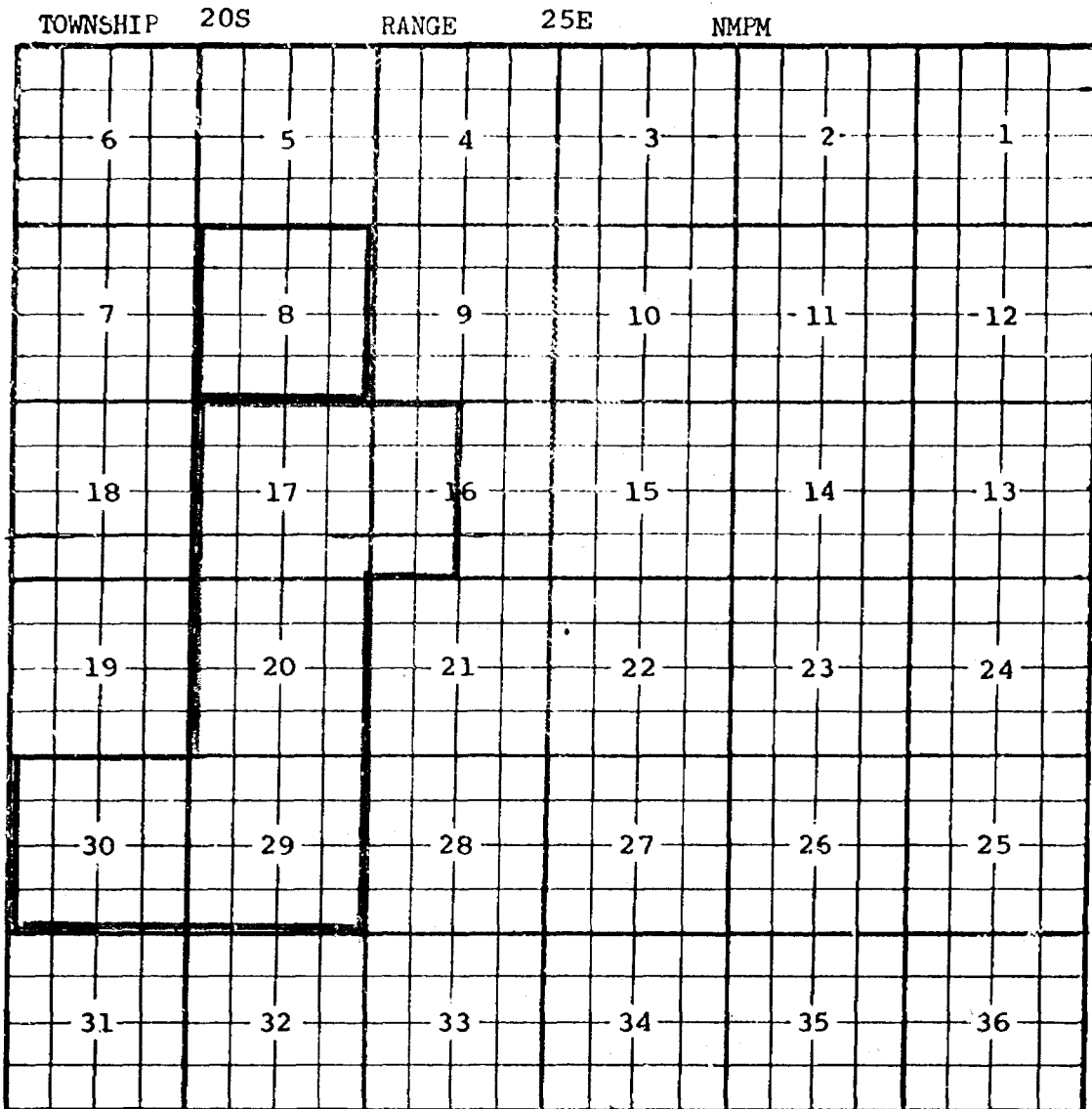
Operator	Lease	#&Ut.	S-T-R	Comp.	Form.	TOP
Phillips Petr.Co.	James E	1-G	11-22-30	3-22-74	Strawn	12214'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 11: W/2 NE/4

CASE 5274: (1) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Cemetary-Morrow Gas



Purpose: One completed gas well capable of producing.

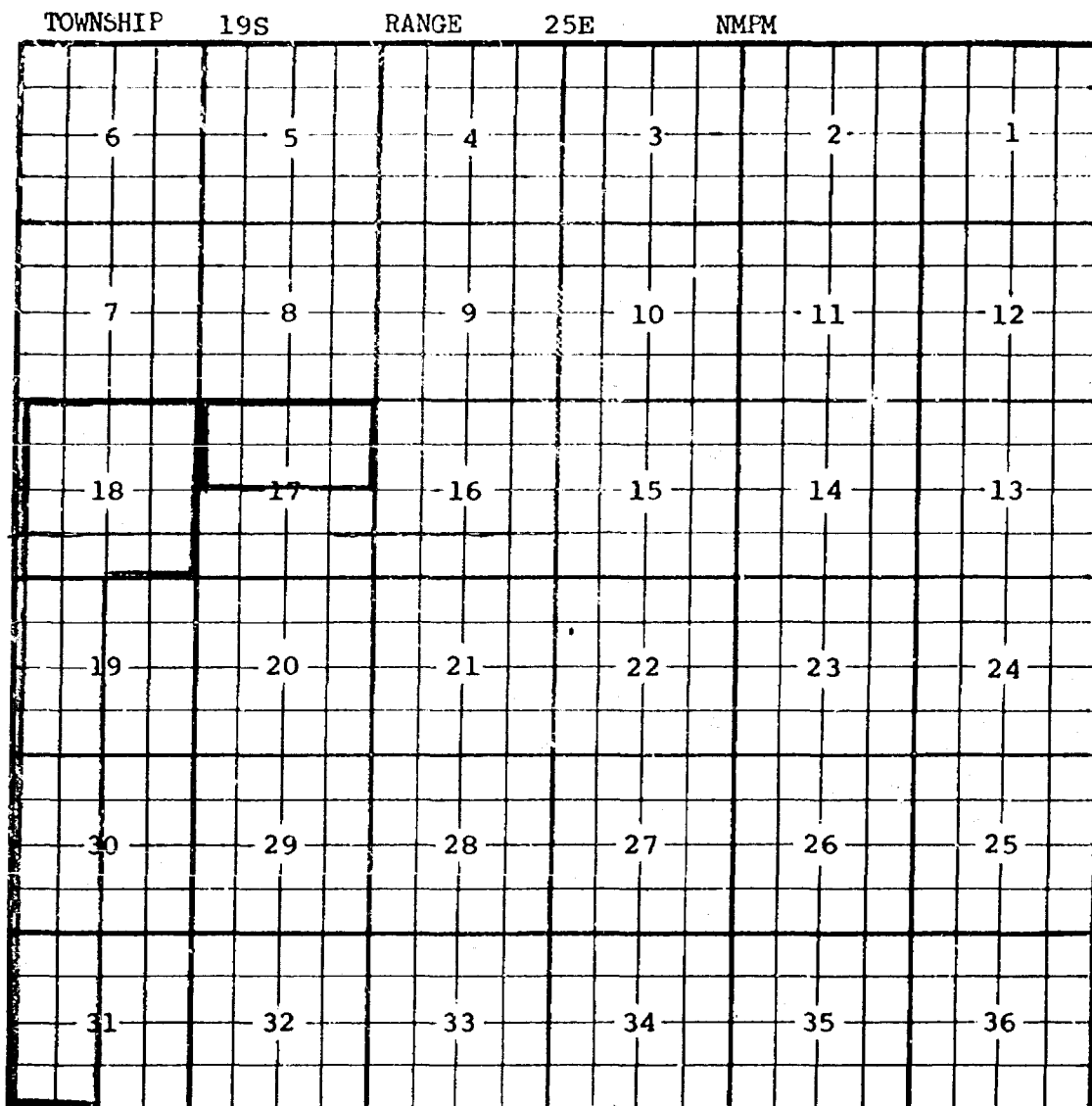
Operator Lease #Aut. S-T-R Comp.  
Mark Prod. Co. First Nat'l. Bank of Albuquerque Com 1-F 8-20-25 4-22-74  
Form. TOP  
Morrow 9446'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 8: ALL

CASE 5274: (m) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL North Dagger Draw Upper Penn.



Purpose: One completed oil well capable of producing.

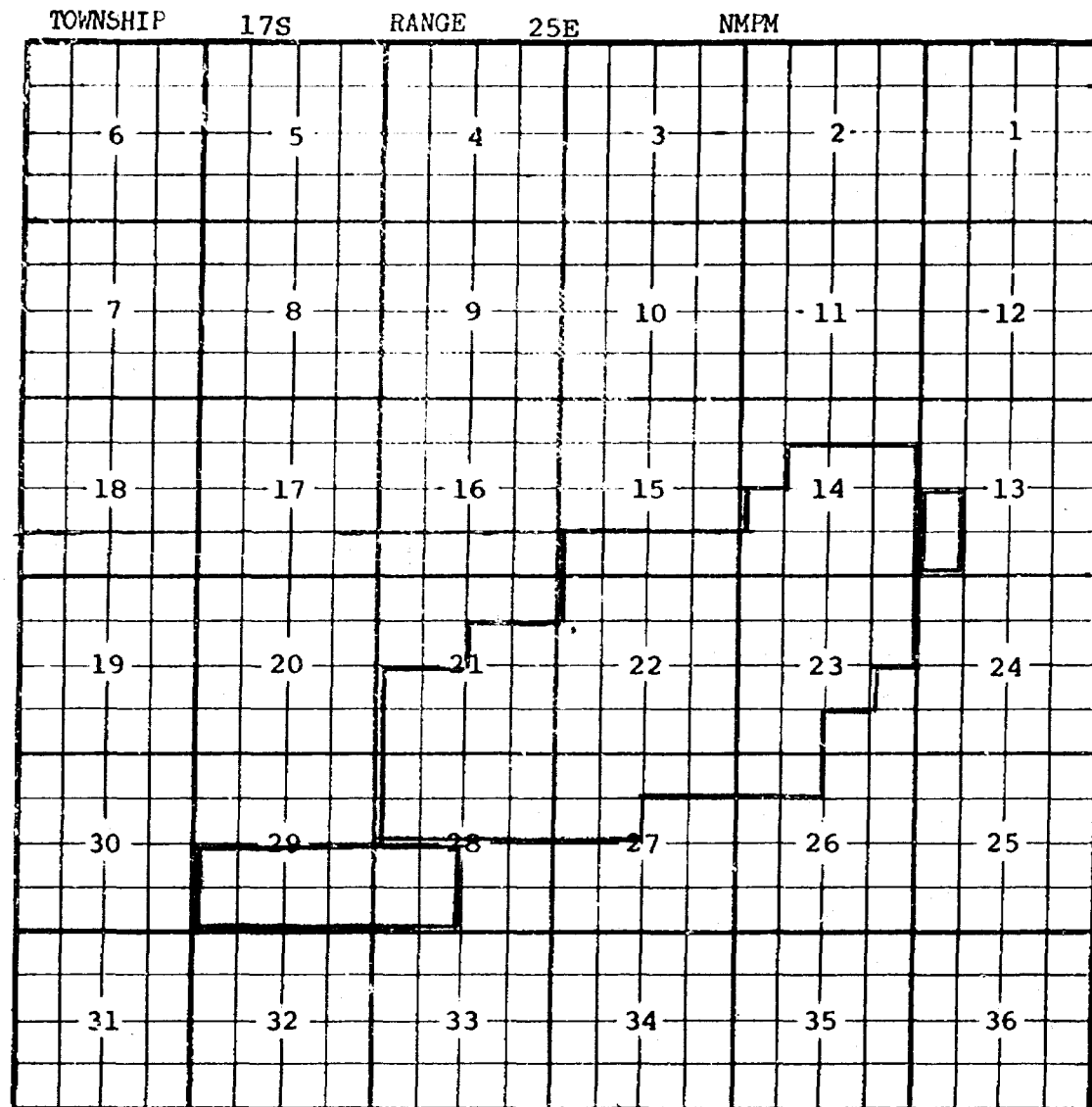
Operator Lease #&Ut. S-T-R Comp. Form TOP  
Roger C. Hanks Barbara Fed. 3-F 17-19-25 4-27-74 Upper Penn 7788

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 17: N/2

CASE 5274: (n) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Eagle Creek-San Andres



Purpose: Three completed oil wells capable of producing.

Operator	Lease	#&Ut	S-T-R	Comp.	Form	TOP
Yates Petr. Corp.	Frey	2-L	13-17-25	5-9-74	San Andres	1363'
Jack J. Grynberg	Federal GR	1-K	28-17-25	5-12-74	" "	1249'
Yates Petr. Corp.	Federal CR	2-M	29-17-25	4-23-74	" "	1151'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 13: W/2 SW/4

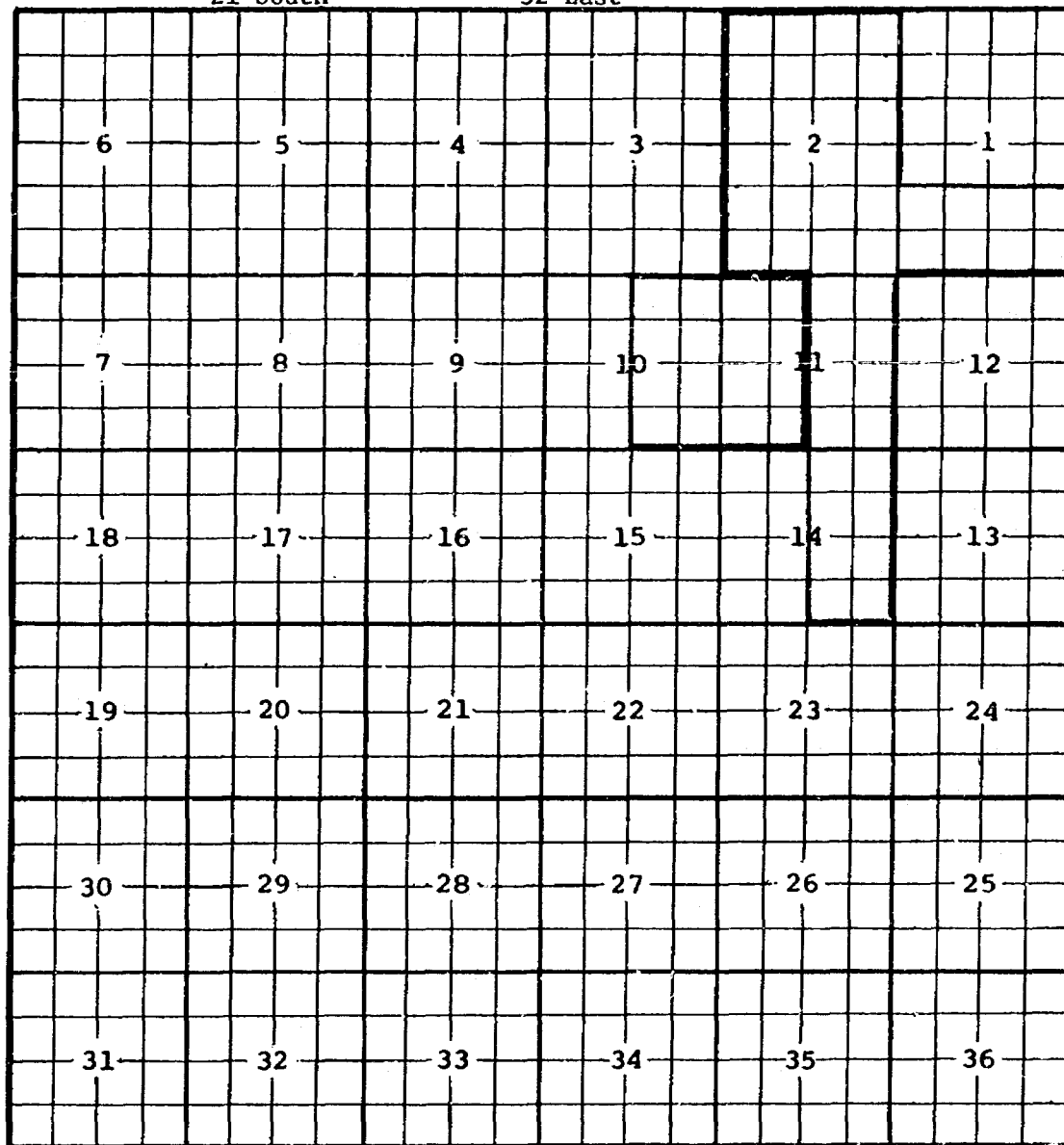
Sec. 28: SW/4

Sec. 29: S/2

CASE 5274: (o) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL HAT MESA-MORROW GAS

TOWNSHIP 21 South RANGE 32 East NMPM



PURPOSE: One completed gas well capable of producing.

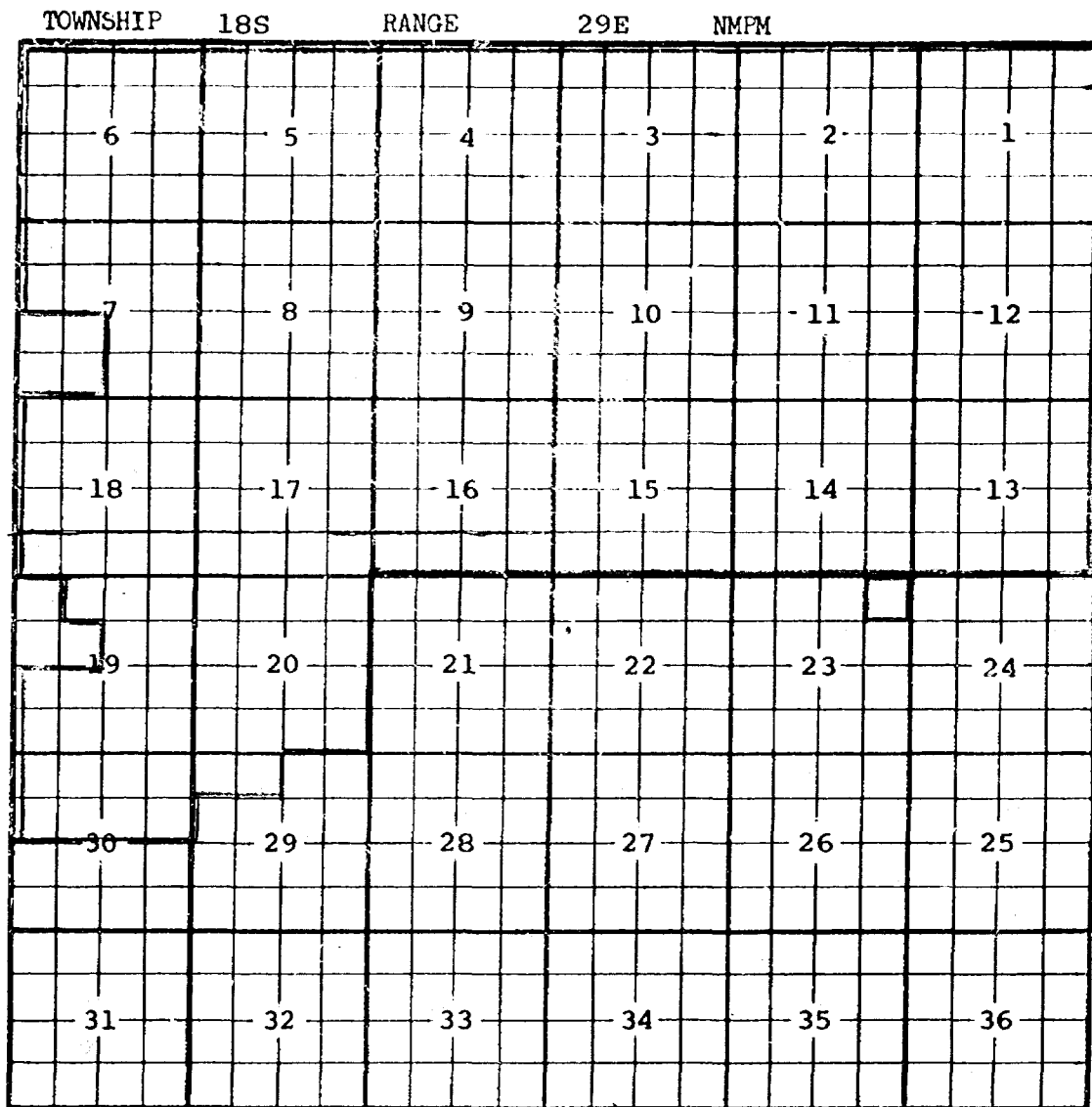
THE SUPERIOR OIL COMPANY - Government H Com #1 in Unit G of Section 10-21-32. Completed in Morrow on April 12, 1974. Top of Perforations 13,914'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 10: E/2

SECTION 11: W/2

CASE 5274: (p) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Loco Hills Q-Gb-SA



Purpose: One completed oil well capable of producing.

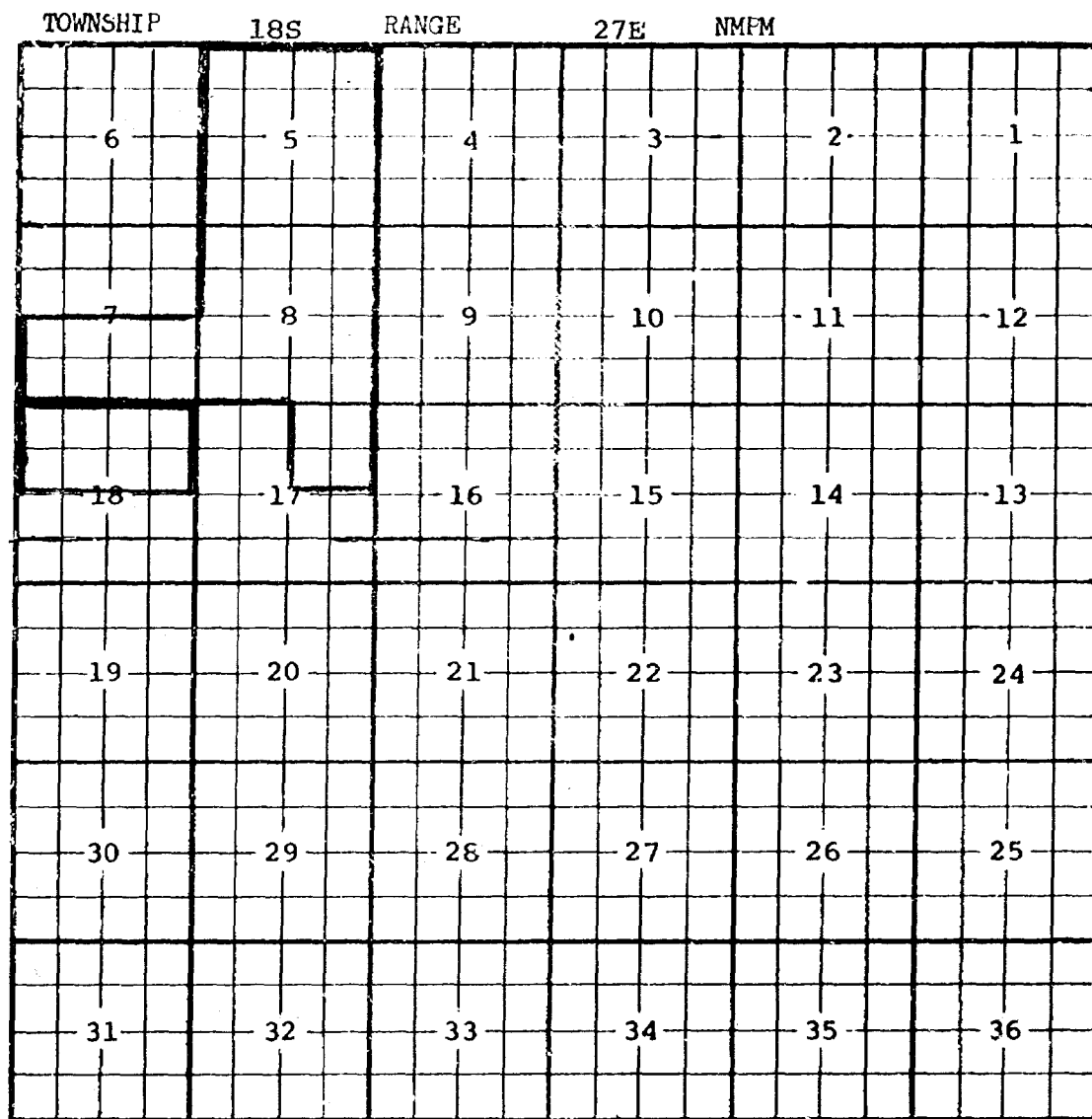
Operator	Lease	#&Ut.	S-T-R	Comp.	Form	TOP
Yates Petr. Corp.	Laguna Seca	1-A	23-18-29	5-3-74	Gb.	2619

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 23: NE/4 NE/4

CASE 5274: (q) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Red Lake-Penn. Gas



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S-T-R	Comp.	Form
Kewanee Oil Co.	Kaiser Com.	1-C	18-18-27	4-22-74	Morrow

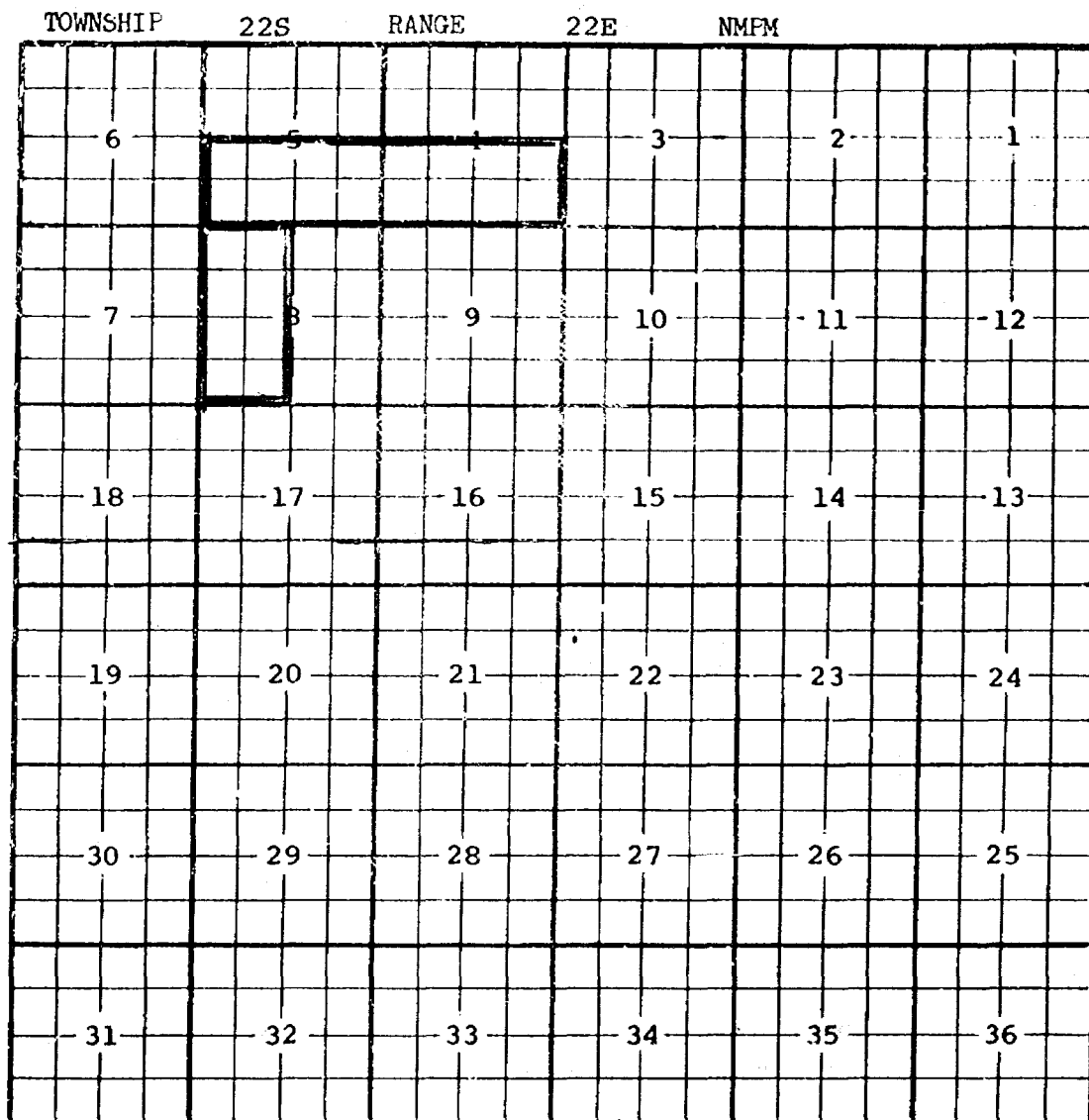
TOP  
9094'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 18: N/2

CASE 5274: (r) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Rocky Arroyo-Canyon Gas



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S-T-R	Comp.
El Paso Nat. Gas Co.	Rocky Arroyo D Com	2-L	4-22-22	5-1-74

Form TOP  
Canyon 7342'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 4: S/2

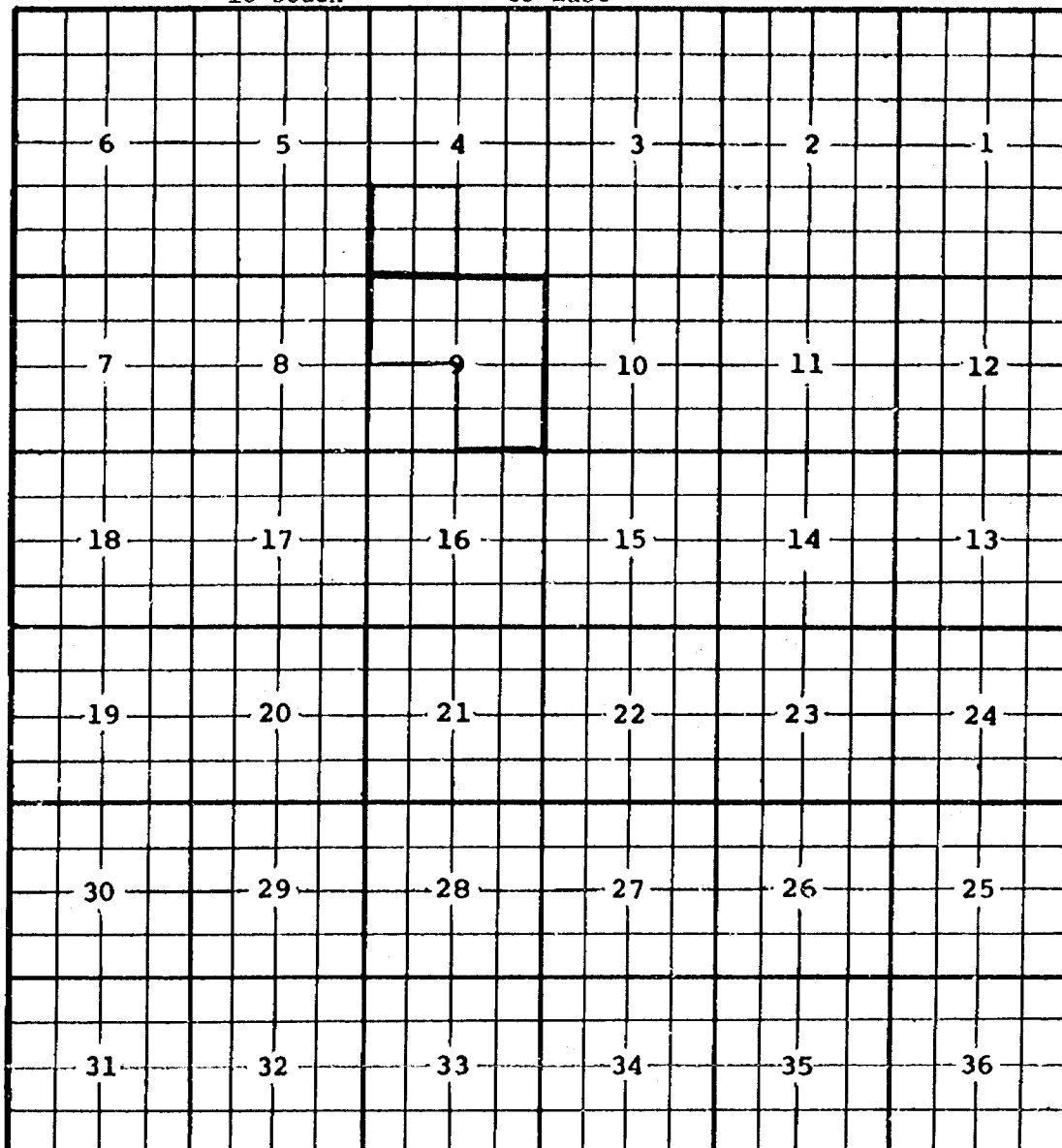
Sec. 5: S/2



CASE 5274: (s) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL TOWNSEND-STRAWN

TOWNSHIP 16 South RANGE 35 East NMPM



PURPOSE: One completed oil well capable of producing.

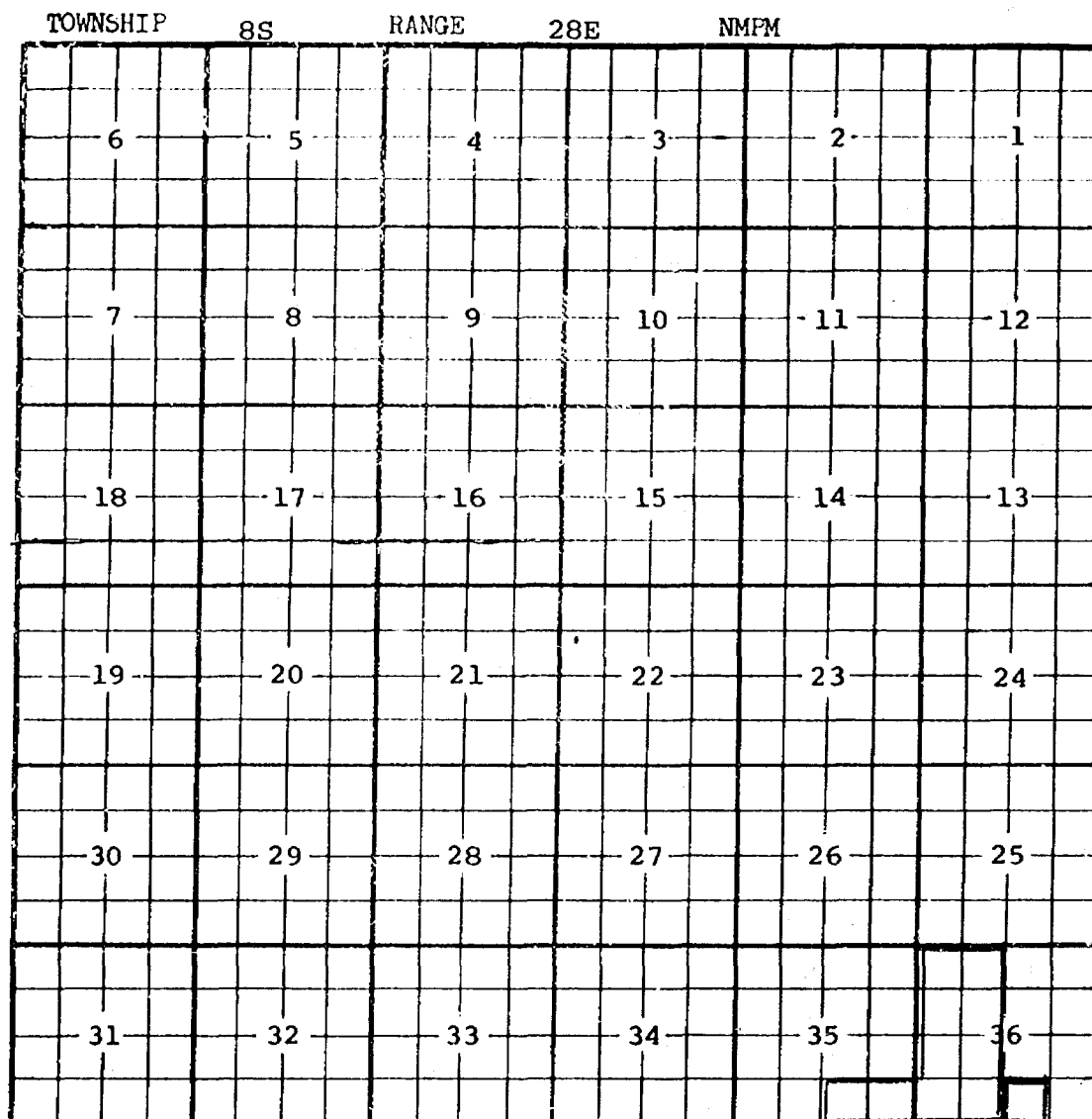
GULF OIL CORPORATION - Hulda Townsend #2 in Unit I of Section 9-16-35.

Completed in Strawn on May 8, 1974. Top of Perforations 11,374'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 9: N/2 and SE/4

CASE 5274: (t) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Chaves POOL Twin Lakes-San Andres



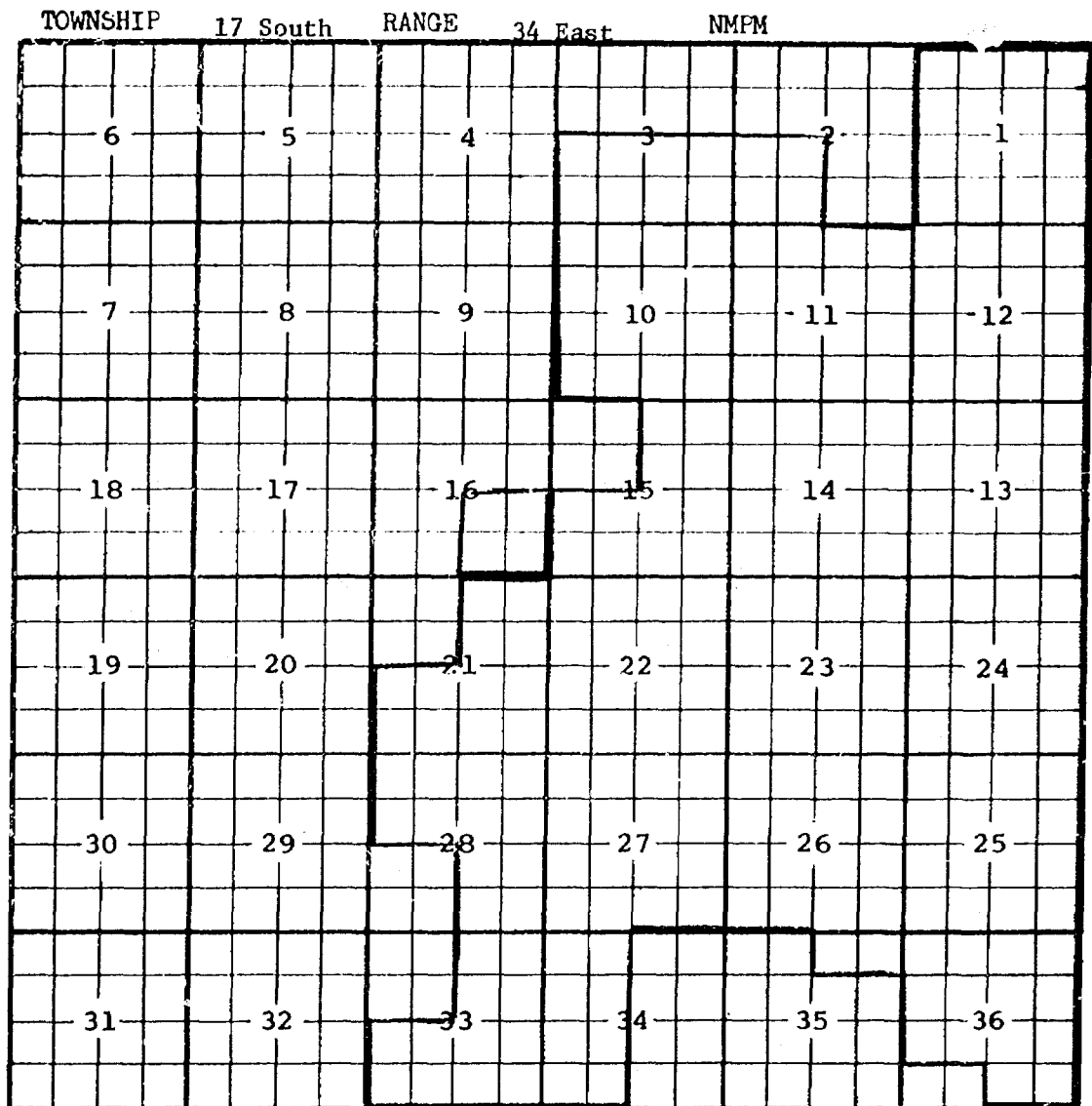
Purpose: One completed oil well capable of producing.

Operator	Lease	#&Ut.	S-T-R	Comp.	Form	TOP
Twinlakes Oil Co.	Citgo B State	1-0	36-8-28	5-15-74	San Andres	2601'

Pool boundary outlined in red.

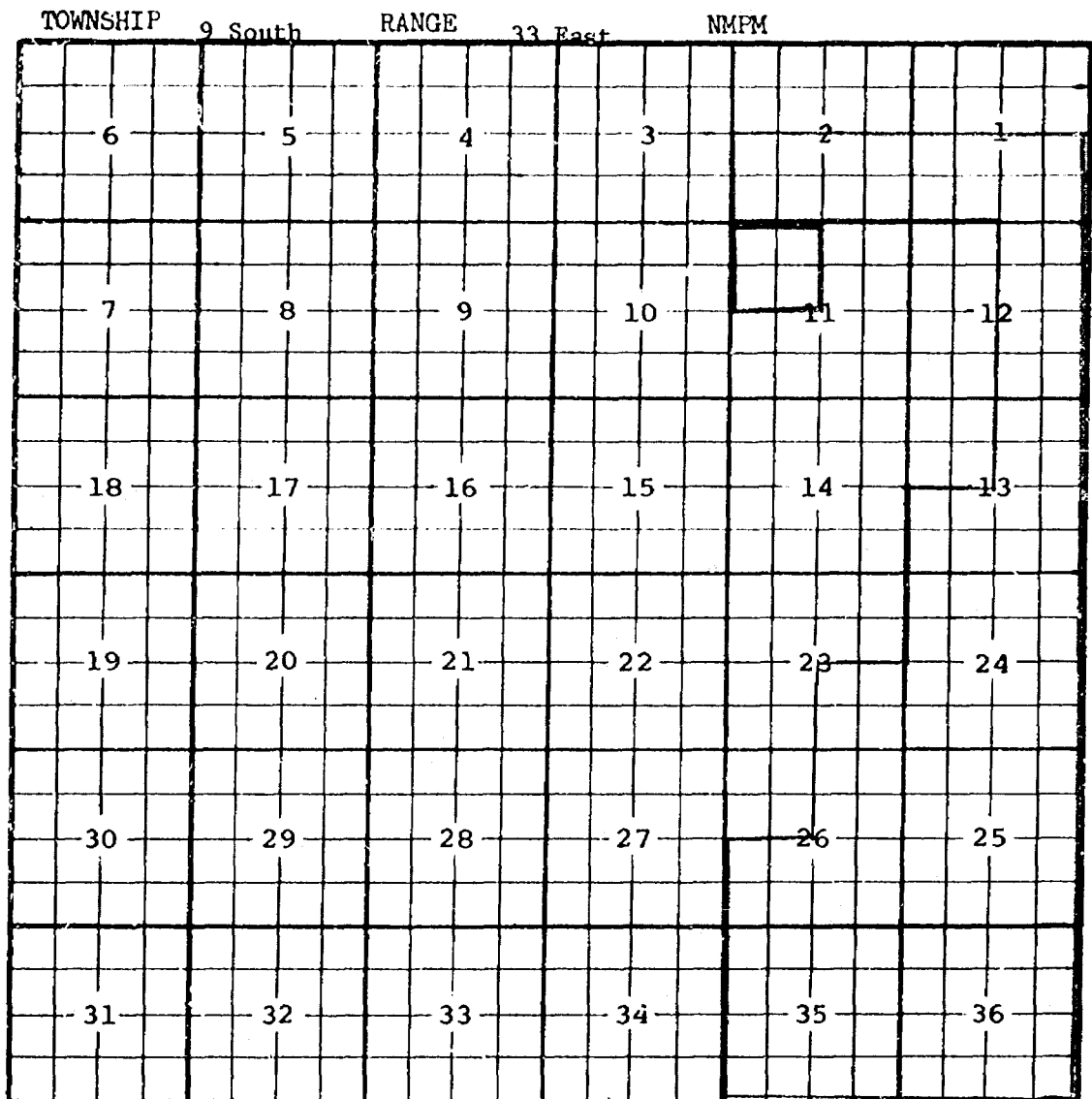
Proposed extension outlined in green.  
Sec. 36: SW/4 SE/4

CASE 5274: (u) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL NORTH VACUUM-ABO



PURPOSE: One completed oil well capable of producing.  
MOBIL OIL CORPORATION - State LL #1 in Unit J of Section 16-17-34. Com-  
pleted in Abo on February 13, 1974. Top of Perforations 8927'.  
Pool boundary colored in red.  
Proposed pool extension colored in green. SECTION 16: SE/4

CASE 5274: (v) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL VADA-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

STALLWORTH OIL & GAS COMPANY - Cities State #1 in Unit D of Section 11-9-33. Completed in Bough "C" on May 4, 1974. Top of Perforations 9535'. Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: NW/4

DAN NUTTER

Paragraph (w)  
pulled out -

This was not  
advertised for  
July nomenclature  
but will be  
an August  
nomenclature

NOMENCLATURE ADVERTISEMENT FOR JULY, 1974

CASE 5274

01-04  
OK JDR

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Eddy and Lea Counties, New Mexico, the abolishment 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, abolishments, and extensions should not be made.

(e) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Atoka production with a provision for 160-acre spacing units and designated as the Bell Lake-Atoka Gas Pool. The discovery well is Continental Oil Company Bell Lake Unit Well No. 2 located in Unit N of Section 30, Township 23 South, Range 34 East, NMPM. Said pool ~~described as:~~ *would comprise:* ✓

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
SECTION 30: SW/4 ✓

(f) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the South Bell Lake-Atoka Gas Pool. The discovery well is ~~the~~ Continental Oil Company Bell Lake Unit 1 Well No. 4 located in Unit F of Section 6, Township 24 South, Range 34 East, NMPM. Said pool ~~described as:~~ *would comprise:* ✓

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM ✓  
SECTION 6: W/2

(g) *South* → CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Morrow production with a provision for 160-acre spacing units and designated as the Bell Lake-Morrow Gas Pool. The discovery well is Continental Oil Company Bell Lake State 3 Well No. 5 located in Unit G of Section 1, Township 24 South, Range 33 East, NMPM. Said pool ~~described as:~~ *would comprise* ✓

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
SECTION 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
SECTION 31: SW/4

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
SECTION 1: NE/4

~~CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the South Bell Lake-Morrow Gas Pool. The discovery well is Continental Oil Company, Bell Lake Unit 1 Well No. 14 located in Unit F of Section 5, Township 24 South, Range 34 East, NMPM. Said pool described as:~~

~~TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
SECTION 5: W/2~~

a ✓ CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Black River-Wolfcamp Gas Pool. The discovery well is Amoco Production Company, Herren Federal Gas Com Well No. 1 located in Unit K of Section 7, Township 24 South, Range 27 ✓

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East, NMPM. Said pool described as:

TOWNSHIP 24 SOUTH, RANGE 27 EAST, NMPM  
SECTION 7: SW/4

(b) ~~2~~ CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Cooper-Morrow Gas Pool. The discovery well is El Paso Natural Gas Company, Cooper Federal Well No. 1 located in Unit F of Section 21, Township 24 South, Range 36 East, NMPM. Said pool described as:

TOWNSHIP 24 SOUTH, RANGE 36 EAST, NMPM  
SECTION 21: N/2

(c) ~~2~~ CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Malaga-Morrow Gas Pool. The discovery well is Phillips Petroleum Company, Malaga A Well No. 1 located in Unit L of Section 2, Township 24 South, Range 28 East, NMPM. Said pool described as:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
SECTION 2: W/2

(d) ~~2~~ ABOLISH the Bell Lake-Pennsylvanian Gas Pool in Lea County, New Mexico, described as:

TOWNSHIP 23 SOUTH, RANGE 33 EAST, NMPM  
SECTION 36: SE/4

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM  
SECTION 30: All  
SECTION 31: All

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM  
SECTION 1: NE/4

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
SECTION 6: NW/4

(h) ~~2~~ EXTEND the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 33 EAST, NMPM  
SECTION 6: NE/4

(i) ~~2~~ EXTEND the Black River-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
SECTION 12: SW/4

(j) ~~2~~ EXTEND the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
SECTION 27: N/2

(K) ~~1~~ EXTEND the Cabin Lake-Strawn Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
SECTION 11: W/2 NE/4 ✓

(L) ~~1~~ EXTEND the Cemetary-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM  
SECTION 8: All ✓

(m) ~~1~~ EXTEND the North Dagger Draw-Upper Pennsylvanian Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM  
SECTION 17: N/2 ✓

(m) ~~1~~ EXTEND the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM  
SECTION 13: W/2 SW/4 ✓  
SECTION 28: SW/4  
SECTION 29: S/2

(o) ~~1~~ EXTEND the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM  
SECTION 10: E/2 ✓  
SECTION 11: W/2

(p) ~~1~~ EXTEND the Loco Hills Queen-Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 29 EAST, NMPM  
SECTION 23: NE/4 NE/4 ✓

(g) ~~1~~ EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
SECTION 18: N/2 ✓

(r) ~~1~~ EXTEND the Rocky Arroyo-Canyon Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 4: S/2 ✓  
SECTION 5: S/2



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- (S) ~~8-1~~ EXTEND the Townsend-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 9: N/2 and SE/4 ✓

- (H) ~~11~~ EXTEND the Twin Lakes-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM  
SECTION 36: SW/4 SE/4 ✓

- (u) ~~12~~ EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 16: SE/4 ✓

- (V) ~~13~~ EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM  
SECTION 11: NW/4 ✓