

NEW MEXICO

CASE No.

5172

Application,  
Transcripts,  
Small Exhibits

ETC.

**THE NYE REPORTING SERVICE**  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 962-0366

CASE 5172

Page.....2.....

I N D E X

CARL ULVOG

Page

Direct Examination by Mr. Carr

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E X H I B I T S

Commission's Exhibit 1

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THE NYE REPORTING SERVICE  
STATE-WIDE DEPOSITION NOTARIES  
225 JOHNSON STREET  
SANTA FE, NEW MEXICO 87501  
TEL. (505) 992-0366



MR. STAMETS: Call the next case, Case 5172 southeast New Mexico nomenclature case calling for the creation, abolishment, contraction and extension of certain pools in Lea, Eddy and Chavez Counties, New Mexico

Call for appearances in this case.

MR. CARR: Mr. Examiner, I'm Mr. William F. Carr appearing for the Commission. We have one witness to be sworn.

(Witness sworn.)

CARL ULVOG

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

DIRECT EXAMINATION

BY MR. CARR:

Q State your name and position for the record, please.

A Carl Ulvog, petroleum geologist with the Oil Conservation Commission.

Q Mr. Ulvog, are you prepared to make recommendations to the Commission concerning the nomenclature of certain pools in Lea, Eddy and Chavez Counties, New Mexico?

A Yes, sir, I am.

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

ULVOG-DIRECT

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A Yes, sir, in the form of Exhibits 1, Paragraph (a) through (f) and (g) through (j).

Q Would you please refer to this Exhibit and to the docket that has been prepared and distributed at this Hearing and point out any substantial differences between the two?

A Yes. The differences from the docket and the advertisement appear in case of Paragraph (n) dealing with the Cato-San Andres Pool extension in which we wish to dismiss the parcel described as Township 20 South, Range 30 East, Section 29; All. We wish to dismiss that portion of Paragraph (n). In the case of Paragraph (x) pertaining to the Quail Ridge-Morrow Gas Pool, Eddy County, we wish to dismiss that entire parcel for the Quail Ridge extension.

In case of Paragraph (bb), pertaining to the West Sawyer-San Andres Pool, we there would like to add to that parcel that is listed in the docket, a parcel described as Township 9 South, Range 37 East, Section 21 in the north east quarter.

Q Mr. Ulvog, are there any other differences?

A Yes. In the case of Paragraph (ff), we would like to add a parcel described as Township 16 South, Range 34 East, Section 36 of the southwest quarter, and in the case of Paragraph (ii), we would like to add a parcel described

ULVOG-DIRECT

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as Township 24 South, Range 26 East, Section 33 all. Those are the only differences that I have.

Q In your Exhibit which contains these discrepancies on the docket, these are recommendations for the nomenclature in these pools; is that correct?

A That is correct.

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

A No, sir.

MR. CARR: Mr. Examiner, Commission would offer these Exhibits into evidence.

MR. STAMETS: Without objection, they will be admitted into evidence.

(Whereupon, Commission's Exhibit 1 is admitted into evidence.)

MR. CARR: I have nothing further.

MR. STAMETS: Any questions of this witness?

Anything further in this case? You may be excused.

(Witness excused.)

MR. STAMETS: Take the case under advisement.

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. 5172, heard by me on Feb 13, 19 74.  
*Richard L. Nye*, Examiner  
 New Mexico Oil Conservation Commission

THE NYE REPORTING SERVICE  
 STATE-WIDE DEPOSITION NOTARIES  
 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. 5172  
Order No. R-4734

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING, ABOLISHING, CONTRACTING,  
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 February 13, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 21st day of February, 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 Upper Pennsylvanian formation, said pool to bear the designation of Avalon-Upper Pennsylvanian Gas Pool. Said Avalon-Upper Pennsylvanian Gas Pool was discovered by the Atlantic Richfield Company State BO Com No. 1, located in Unit G of Section 15, Township 21 South, Range 27 East, NMPM. It was completed in the Upper Pennsylvanian formation on July 14, 1973. The top of the perforations is at 9280 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Rocky Arroyo-Atoka Gas Pool. Said Rocky Arroyo-Atoka Gas Pool was discovered by the El Paso Natural Gas Company Patterson No. 1, located in Unit H of Section 30, Township 22 South, Range 22 East, NMPM. It was completed in the Atoka formation on April 23, 1973. The top of the perforations is at 9030 feet.



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Order No. R-4734

(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 Canyon formation, said pool to bear the designation of Rocky Arroyo-Canyon Gas Pool. Said Rocky Arroyo-Canyon Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo C No. 1, located in Unit F of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Canyon formation on August 28, 1973. The top of the perforations is at 7292 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Winchester-Strawn Gas Pool. Said Winchester-Strawn Gas Pool was discovered by the Hillin Production Company JCW State Com No. 1, located in Unit C of Section 2, Township 20 South, Range 28 East, NMPM. It was completed in the Strawn formation on September 5, 1973. The top of the perforations is at 10,078 feet.

(6) That there is need 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 Indian Draw-Delaware Pool. Further, that the discovery well for said pool, the Amoco Production Company Old Indian Draw Unit No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, NMPM, is entitled to and should receive a bonus allowable in the amount of 16,300 barrels to be assigned over a two-year period. Said discovery well was completed in the Delaware formation on December 3, 1973. The top of the perforations is at 3260 feet.

(7) That there is need for the abolishment of the East Weir-Tubb Pool in Lea County, New Mexico, because the boundaries of said pool are now contiguous with the boundaries of the Monument-Tubb Pool. The abolished acreage will be placed in the Monument-Tubb Pool.

(8) That there is need for the contraction of the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of certain acreage which was dedicated to two wells which have since been reclassified as Drinkard wells. Deleted acreage is already in the Drinkard Pool limits.

(9) That there is need for the contraction of the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of non-productive acreage from the pool.

(10) That there is need for certain extensions to the West Atoka-Cisco Gas Pool, the West Atoka-Morrow Gas Pool, the Burton Flat-Morrow Gas Pool, the Burton Flat-Strawn Gas Pool, the Cabin Lake-Morrow Gas Pool, the Catclaw Draw-Morrow Gas Pool, the South Empire-Morrow Gas Pool, the Fren-Seven Rivers Pool, the Grayburg-Morrow Gas Pool, the Golden Lane-Strawn Gas Pool, the Logan Draw-Morrow Gas Pool, the Penasco Draw San Andres-Yeso Pool, the Red

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Lake-Pennsylvanian Gas Pool, the Rocky Arroyo-Morrow Gas Pool, the Square Lake Pool, the Washington Ranch-Morrow Gas Pool, the White City-Pennsylvanian Gas Pool, and the Winchester-Morrow Gas Pool, all in Eddy County, New Mexico, the Monument-Tubb Pool, the North Morton-Permo Pennsylvanian Pool, the South Salt Lake-Morrow Gas Pool, the West Sawyer-San Andres Pool, the Scharb-Bone Springs Pool, the North Shoe Bar-Strawn Pool, the North Vacuum-Abo Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

(11) That only a portion of the proposed extension to the Cato-San Andres Pool in Chaves County, New Mexico, should be made, and the remainder of the proposed extension should be dismissed.

(12) That the proposed extension to the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, should be dismissed pending further study.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
Section 15: N/2

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

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 30: E/2

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

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 8: W/2

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

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

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

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 18: SE/4

(f) That the East Weir-Tubb Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 12: E/2 and S/2 SW/4  
Section 13: N/2

is hereby abolished.

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 11: E/2 SE/4  
Section 12: E/2 and SW/4  
Section 13: N/2

(h) That the Wantz-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 1: SE/4 SW/4  
Section 12: NW/4 NE/4

(i) That the Winchester-Wolfcamp Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2 NE/4

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
Section 11: S/2

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 18: N/2

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM  
Section 35: W/2

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 2: N/2

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

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
Section 20: All

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

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NMPM  
Section 25: SW/4  
Section 26: SE/4

that the proposed extension of said pool to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM  
Section 29: All

is hereby dismissed.

(o) 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 33: E/2  
Section 34: N/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 4: Lots 1, 2, 7, 8, 9, 10, 15  
and 16

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(p) That the Burton Flat-Strawn 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 34: S/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 3: Lots 1 through 16

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 31: S/2

(r) That the Fran-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 15: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 28: S/2

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

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 5: Lots 3, 4, 5, 6, 11, 12,  
13 and 14

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 27: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 25: S/2  
Section 36: NE/4



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Order No. R-4734

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 30: N/2

(x) That the proposed extension to the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, is hereby dismissed.

(y) 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 7: S/2  
Section 8: W/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM  
Section 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 4: N/2  
Section 5: All  
Section 8: W/2

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

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
Section 32: S/2  
Section 33: W/2

(bb) That the West Sawyer-San Andres 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 21: NE/4  
Section 23: NW/4

(cc) That the Scharb-Bone Springs Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 2: S/2

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(dd) That the North Shoe Bar-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 13: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 9: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
Section 36: SW/4

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
Section 1: NW/4  
Section 15: N/2 SW/4

(gg) 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 2: SW/4

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

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM  
Section 28: S/2

(ii) That the White City-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 30: All  
Section 33: All

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Case No. 5172  
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(jj) That the Winchester-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, NMPH  
Section 34: W/2

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, contractions, and extensions included herein shall be March 1, 1974.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

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

SEAL

dr/

DOCKET: EXAMINER HEARING - WEDNESDAY - FEBRUARY 13, 1974

9 A.M. - OIL CONSERVATION COMMISSION 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:

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

CASE 5130: (Continued from the January 3, 1974, Examiner Hearing)

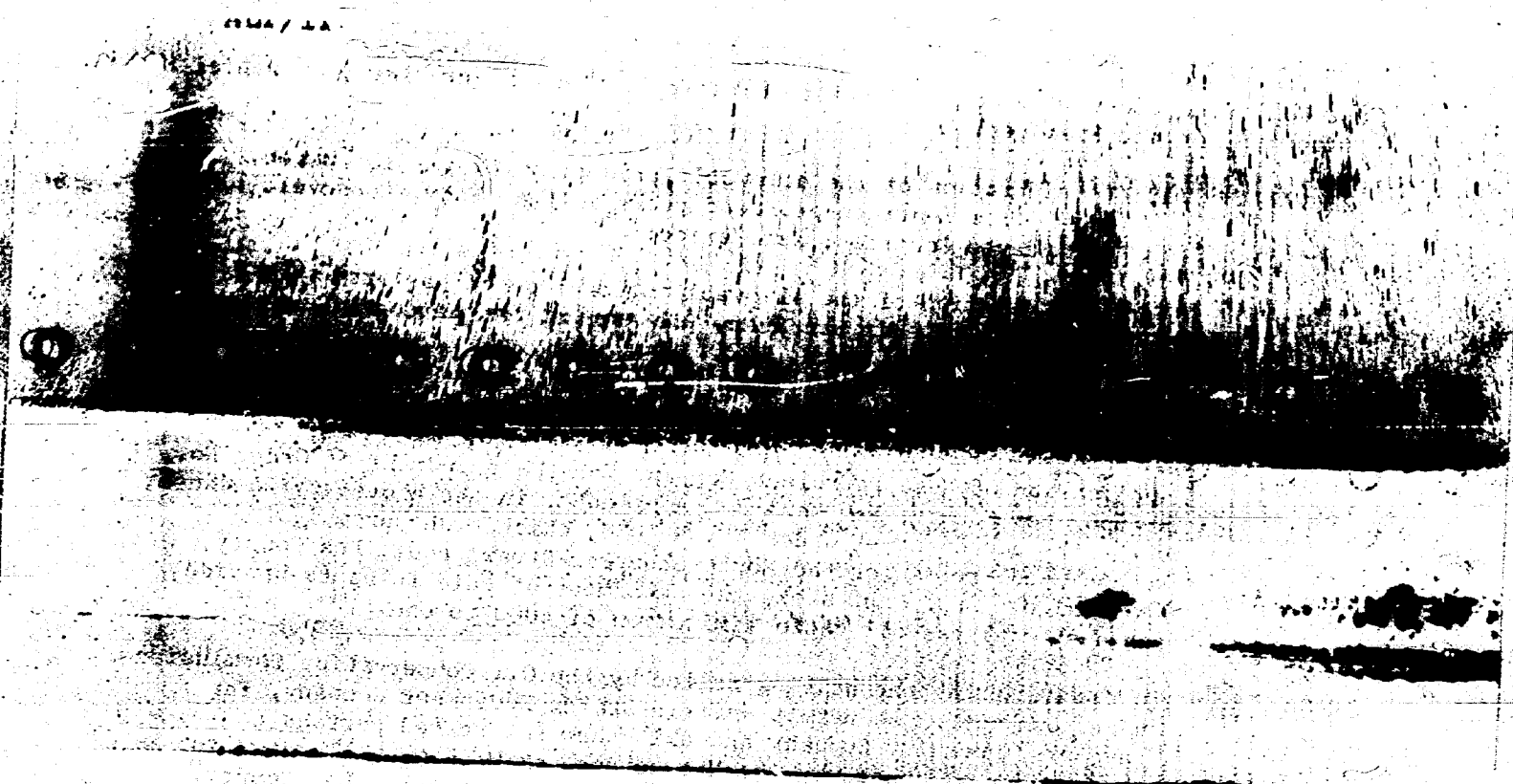
Application of Mesa Petroleum Company for the amendment of Order No. R-4658, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-4658, which order promulgated special pool rules for the North Shoe Bar-Strawn Pool, Lea County, New Mexico. Applicant seeks the amendment of said rules to provide for a special gas-oil ratio limitation of 4000 to one.

CASE 5165: In the matter of the hearing called by the Oil Conservation Commission on its own motion to permit Western States Equipment Company, The Travelers Indemnity Company and all other interested parties to appear and show cause why the Hutcherson Com Well No. 1 located in Unit C of Section 27, Township 9 South, Range 34 East, Lea County, New Mexico, should not be plugged and abandoned in accordance with a Commission-approved plugging program.

CASE 5166: Application of Skelly Oil Company for an unorthodox location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its South Salt Lake Unit Well No. 1 at a point 660 feet from the North and West lines of Section 21, Township 21 South, Range 32 East, Lea County, New Mexico. Applicant further seeks establishment of an administrative procedure for the approval of additional unorthodox locations in said South Salt Lake Unit Area without hearing.

CASE 5167: Application of Fluid Power Pump Company and Petro-Lewis Corporation for compulsory pooling, Sandoval County, New Mexico. Applicants, in the above-styled cause, seek an order pooling all mineral interests underlying two non-standard proration units in Township 19 North, Range 3 West, Media-Entrada Oil Pool, Sandoval County, New Mexico, described as follows:

Unit No. 1, the S/2 SW/4 of Section 14 and N/2 NW/4 of Section 23, dedicated to applicants' Media Well No. 1 located in Unit M of said Section 14; and



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(Case 5167 continued from Page 1)

Unit No. 2, the S/2 SE/4 of Section 15 and N/2 NE/4  
of Section 22, to be dedicated to applicants' Media  
Well No. 2 located in Unit 2 of said Section 15



CASE 5171: Application of Coquina Oil Corporation for compulsory pooling and an unorthodox location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests of Pennsylvanian age and older underlying the N/2 of Section 16, Township 19 South, Range 25 East, Eddy County, New Mexico, to be dedicated to a well proposed to be drilled at an unorthodox location 990 feet from the North and East lines of said Section 16. 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 5140: (Continued from the January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for compulsory pooling, Vada-Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Vada-Pennsylvanian Pool underlying the NW/4 of Section 24, Township 9 South, Range 33 East, Lea County, New Mexico, to be dedicated to the King Resources Sheridan Well No. 1-A located in Unit C of said Section 24. Also to be considered is designation of the applicant as operator of the NW/4 of said Section 24 and the well located thereon, provision for allocation of actual operating costs and charges for supervision, and allocation of costs for reworking said well including a 200% charge attributable to any non-consenting working interest owner's pro rata share of said workover costs, for the risk involved in said workover.

CASE 4956: (Reopened) (Continued from the January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for a determination of well costs, Lea County, New Mexico. Applicant, as operator of the Sheridan Well No. 1 located in Unit M of Section 13, Township 9 South, Range 33 East, Lea County, New Mexico, to which well is dedicated the SW/4 of said Section 13, all mineral interests in the Vada-Pennsylvanian Pool thereunder having been pooled by Commission Order No. R-4560, seeks the determination of reasonable well costs attributable to applicant and to King Resources, including, but not limited to, the costs of reworking and placing said Sheridan Well No. 1 back on production and attorneys fees in connection therewith. Applicant further seeks an order assessing, as a charge for the risk involved in the reworking of the well, 120% of the pro rata share of the reasonable well costs attributable to the working interest of King Resources.

CASE 5124: (Continued from the January 16, 1974, Examiner Hearing)

Application of Belco Petroleum Corporation for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests

(Case 5124 continued from Page 3)

underlying the S/2 of Section 30, Township 20 South, Range 33 East, South Salt Lake-Morrow Gas Pool, Lea County, New Mexico, to be dedicated to a well to be drilled at an unorthodox location 660 feet from the South line and 1300 feet from the East line of said Section 30. 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 5172: Southeastern New Mexico nomenclature case calling for the creation, abolishment, contraction 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 Upper Pennsylvanian production and designated as the Avalon-Upper Pennsylvanian Gas Pool. The discovery well is Atlantic Richfield Company, State BO Com No. 1 located in Unit G of Section 15, Township 21 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
Section 15: N/2

(b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Rocky Arroyo-Atoka Gas Pool. The discovery well is the El Paso Natural Gas Company Patterson No. 1 located in Unit H of Section 30, Township 22 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 30: E/2

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Canyon production and designated as the Rocky Arroyo-Canyon Gas Pool. The discovery well is the El Paso Natural Gas Company Rocky Arroyo C No. 1 located in Unit F of Section 8, Township 22 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 8: W/2

(d) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Winchester-Strawn Gas Pool. The discovery well is the Hillin Production Company JCW State Com No. 1 located in Unit C of Section 2, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

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

(e) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Indian Draw-Delaware Pool, and to consider the assignment of 16,300 barrels of oil discovery allowable to the discovery well, the Amoco Production Company Old Indian Draw Unit Well No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, Eddy County, New Mexico. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 18: SE/4

(f) Abolish the East Weir-Tubb Pool in Lea County, New Mexico, described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 12: E/2 and S/2 SW/4  
Section 13: N/2

(g) Extend the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 11: E/2 SE/4  
Section 12: E/2 and SW/4  
Section 13: N/2

(h) Contract the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 1: SE/4 SW/4  
Section 12: NW/4 NE/4

(i) Contract the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of the following described area:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2 NE/4

(j) Extend the West Atoka-Cisco Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
Section 11: S/2

- (k) Extend the West Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 18: N/2

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM  
Section 35: W/2

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 2: N/2

- (m) Extend the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
Section 20: All

- (n) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NMPM  
Section 25: SW/4  
Section 26: SE/4

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM  
Section 29: All

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

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 33: E/2  
Section 34: N/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 4: Lots 1, 2, 7, 8, 9, 10, 15 and 16

- (p) Extend the Burton Flats-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 34: S/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 3: Lots 1 through 16

(q) Extend the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 31: S/2

(r) Extend the Fren Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 15: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 28: S/2

(t) Extend the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 5: Lots 3, 4, 5, 6, 11, 12,  
13 and 14

(u) Extend the Logan Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 27: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 25: S/2  
Section 36: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 30: N/2

(x) Extend the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 17: E/2



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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM

Section 7: S/2

Section 8: W/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM

Section 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM

Section 4: N/2

Section 5: All

Section 8: W/2

(aa) Extend the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

Section 32: S/2

Section 33: W/2

(bb) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM

Section 23: NW/4

(cc) Extend the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

Section 2: S/2

(dd) Extend the North Shoebar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM

Section 13: NE/4

(ee) Extend the Square Lake Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

Section 9: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 1: NW/4

Section 15: N/2 SW/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

Section 2: SW/4

(hh) Extend the Washington Ranch-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM

Section 28: S/2

(ii) Extend the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM

Section 30: All

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

Section 34: W/2

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
Section 7: S/2  
Section 8: W/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM  
Section 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 4: N/2  
Section 5: All  
Section 8: W/2

(aa) Extend the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
Section 32: S/2  
Section 33: W/2

(bb) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
Section 23: NW/4

ADDITION-----SECTION 21: NE/4

(cc) Extend the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 2: S/2

(dd) Extend the North Shoebar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
Section 13: NE/4

(ee) Extend the Square Lake Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 9: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
Section 1: NW/4  
Section 15: N/2 SW/4

ADDITION-----TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: SW/4

(q) Extend the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 31: S/2

(r) Extend the Fren Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 15: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 28: S/2

(t) Extend the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 5: Lots 3, 4, 5, 6, 11, 12,  
13 and 14

(u) Extend the Logan Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 27: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 25: S/2  
Section 36: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 30: N/2

(x) Extend the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 17: E/2

(1) Extend the Cabin Lake-Hollow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18: SOUTH, RANGE 26 EAST, NMPM

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPN

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPN

(m) Extend the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico,

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM

(n) extend the Cato-San Andres Pool in Chaves County, New Mexico, to

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NPMN  
Section 25: SW/4

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM

(o) Extend the Burton Flats-Morrow Gas Pool in Eddy County, New Mexico,

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPN

p) extend the Burton Flats-Strawn Gas Pool in Eddy County, New Mexico,

COMMUNITY 20 SOUTH, RANGE 28 EAST, NMPM

OWNSHIP, 21 SOUTH, RANGE 27 EAST, T14N, R27E, N14W

(e) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production and designated as the Indian Draw-~~Delaware~~ Pool. And to consider the assignment of 16,300 barrels of oil discovery allowable to the discovery well, the Amoco Production Company Old Indian Draw Unit Well No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, Eddy County, New Mexico. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 18: SE/4

(f) Abolish the East Weir-Tubb Pool in Lea County, New Mexico, described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 12: E/2 and S/2 SW/4  
Section 13: N/2

(g) Extend the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 11: E/2 SE/4  
Section 12: E/2 and SW/4  
Section 13: N/2

(h) Contract the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 1: SE/4 SW/4  
Section 12: NW/4 NE/4

(i) Contract the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of the following described area:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2 NE/4

(j) Extend the West Atoka-Cisco Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
Section 11: S/2



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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
Section 8: W/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM  
Section 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
Section 4: N/2  
Section 5: All  
Section 8: W/2

(aa) Extend the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
Section 32: S/2  
Section 33: W/2

(bb) Extend the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
Section 23: NW/4

(cc) Extend the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 2: S/2

(dd) Extend the North Shoebar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
Section 13: NE/4

(ee) Extend the Square Lake Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 9: NE/4

(q) Extend the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 31: S/2

(r) Extend the Fren Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
Section 15: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 28: S/2

(t) Extend the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Sections 3, 4, 5, 6, 11, 12, 13 and 14

(u) Extend the Logan Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 2: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
Section 25: S/2  
Section 36: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 30: N/2

(x) Extend the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
Section 17: E/2

(k) Extend the West Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

as follows: TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
Section 18: N/2  
Extend the Cabin Lake-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM  
Section 35: W/2

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
Section 2: N/2

(m) Extend the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
Section 20: All

(n) Extend the Cato-San Andres Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NMPM  
Section 25: SW/4  
Section 26: SE/4

TO BE  
DISMISSED

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM  
Section 29: All

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

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 33: E/2  
Section 34: N/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 4: Lots 1, 2, 7, 8, 9, 10, 15 and 16

(p) Extend the Burton Flats-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 34: S/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
Section 3: Lots 1 through 16

-5-

(X)  
to include therein

Extend the West Atoka-Cisco Gas Pool in Eddy County, New Mexico,  
to include therein

(e) Create a new pool in Eddy County, New Mexico, classified as an oil pool for ~~oil~~ production and designated as the Indian Draw-Delaware Pool, and to consider the assignment of 16,000 barrels of oil discovery allowable to the discovery well, the ~~Amoco~~ Production Company's Indian Draw Unit Well No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, Eddy County, New Mexico. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
Section 18: SE/4

(f) Abolish the East Weir-Tubb Pool in Lea County, New Mexico, described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 12: E/2 and S/2 SW/4  
Section 13: N/2

(g) Extend the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 11: E/2 SE/4  
Section 12: E/2 and SW/4  
Section 13: N/2

(h) Contract the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 1: SE/4 SW/4  
Section 12: NW/4 NE/4

(i) Contract the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of the following described area:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
Section 2: W/2 NE/4

(j) Extend the West Atoka-Cisco Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
Section 11: S/2

and a charge for risk involved in drilling said well.

CASE 5140: (Continued from the January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for compulsory pooling, Vada-Pennsylvanian Pool, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Vada-Pennsylvanian Pool underlying the NW/4 of Section 24, Township 9 South, Range 33 East, Lea County, New Mexico, to be dedicated to the King Resources Sheridan Well No. 1-A located in Unit C of said Section 24. Also to be considered is designation of the applicant as operator of the NW/4 of said Section 24 and the well located thereon, provision for allocation of actual operating costs and charges for supervision, and allocation of costs for reworking said well including a 200% charge attributable to any non-consenting working interest owner's pro rata share of said workover costs, for the risk involved in said workover.

CASE 4956: (Reopened) (Continued from the January 16, 1974, Examiner Hearing)

Application of Pierce & Dehlinger for a determination of well costs, Lea County, New Mexico. Applicant, as operator of the Sheridan Well No. 1 located in Unit M of Section 13, Township 9 South, Range 33 East, Lea County, New Mexico, to which well is dedicated the SW/4 of said Section 13, all mineral interests in the Vada-Pennsylvanian Pool thereunder having been pooled by Commission Order No. R-4560, seeks the determination of reasonable well costs attributable to applicant and to King Resources, including, but not limited to, the costs of reworking and placing said Sheridan Well No. 1 back on production and attorneys fees in connection therewith. Applicant further seeks an order assessing, as a charge for the risk involved in the reworking of the well, 120% of the pro rata share of the reasonable well costs attributable to the working interest of King Resources.

CASE 5124: (Continued from the January 16, 1974, Examiner Hearing)

Application of Belco Petroleum Corporation for compulsory pooling and an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests

CASE 5172: Southeastern New Mexico nomenclature case calling for the creation, abolishment, contraction 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 Upper Pennsylvanian production and designated as the Avalon-Upper Pennsylvanian Gas Pool. The discovery well is Atlantic Richfield Company, State BO Com No. 1 located in Unit G of Section 15, Township 21 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM

Section 15: N/2

(b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Rocky Arroyo-Atoka Gas Pool. The discovery well is the El Paso Natural Gas Company Patterson No. 1 located in Unit H of Section 30, Township 22 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM

Section 30: E/2

(c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Canyon production and designated as the Rocky Arroyo-Canyon Gas Pool. The discovery well is the El Paso Natural Gas Company Rocky Arroyo C No. 1 located in Unit F of Section 8, Township 22 South, Range 22 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM

Section 8: W/2

(d) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Winchester-Strawn Gas Pool. The discovery well is the Hillia Production Company JCW State Com No. 1 located in Unit C of Section 2, Township 20 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 2: N/2



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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM  
Section 2: SW/4

(hh) Extend the Washington Ranch-Morrow Gas Pool in Eddy County, New  
Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM  
Section 28: S/2

(ii) Extend the White City-Pennsylvanian Gas Pool in Eddy County,  
New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
Section 30: All

ADDITION-----SECTION 33: All

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
Section 34: W/2

#### NEW POOLS

(a) It is recommended that a new gas pool be created and designated as the AVALON-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 Atlantic Richfield Company - State BO Com #1 located in Unit G Section 15 Township 21S Range 27E and was completed on July 14, 1978. Top of perforations is at 9280 feet.

(b) It is recommended that a new gas pool be created and designated as the ROCKY ARROYO-ATOKA GAS Pool.

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

Discovery well was El Paso Natural Gas Company - Patterson #1 located in Unit H Section 30 Township 22S Range 22E and was completed on April 23, 1973. Top of perforations is at 9030 feet.

(c) It is recommended that a new gas pool be created and designated as the ROCKY ARROYO-CANYON GAS Pool.

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

Discovery well was El Paso Natural Gas Company - Rocky Arroyo C #1 located in Unit F Section 8 Township 22S Range 22E and was completed on August 28, 1973. Top of perforations is at 7292 feet.

NEW POOLS

(d) It is recommended that a new gas pool be created and designated as the WINCHESTER-STRAWN GAS Pool.

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

Discovery well was Hillin Production Company - JCW State Com #1 located in Unit C Section 2 Township 20S Range 28E and was completed on September 5, 1973. Top of perforations is at 10,078 feet.

(e) It is recommended that a new oil pool be created and designated as the INDIAN DRAW-DELAWARE Pool.

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

Discovery well was Amoco Production Company - Old Indian Draw Unit #1 Entitled to the assignment of 16,300 barrels of discovery allowable located in Unit J Section 18 Township 22S Range 28E and was completed on December 3, 1973. Top of perforations is at 3260 feet.

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

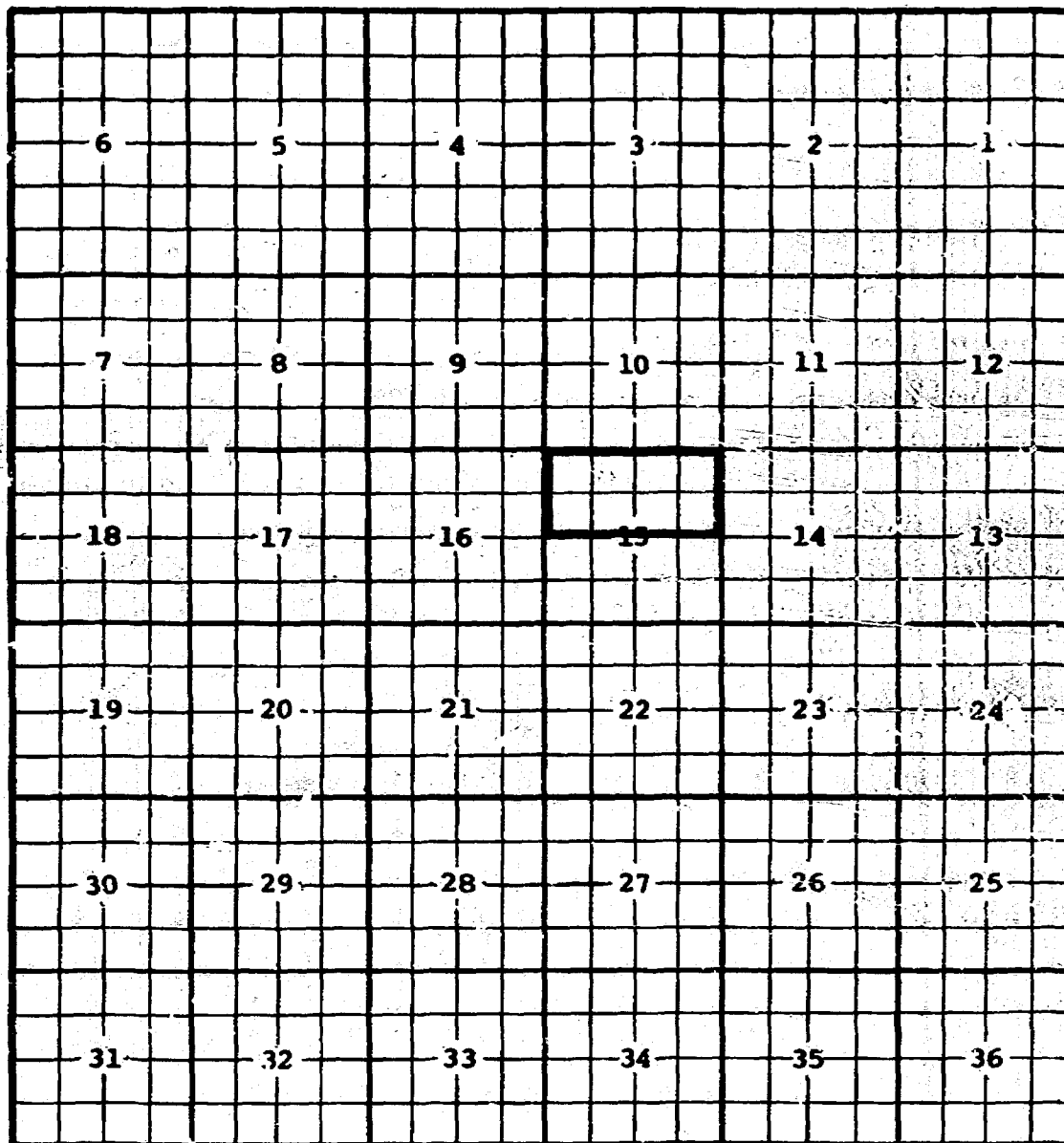
Vertical limits to be the \_\_\_\_\_ formation and the horizontal limits should be as follows: \_\_\_\_\_

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

CASE 5172: (a) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Avalon-Upper Penn. Gas

TOWNSHIP 21S RANGE 26E NMPM



Purpose: One completed gas well capable of producing.

Discovery well: Atlantic Richfield Co. State 30 Com #1-G,  
Sec. 15-T21S-R27E completed 7/14/73, through Upper Penn. perms  
from 9280-9455'.

Proposed pool boundary outlined in green

Sec. 15: N/2

CASE 5172: (b) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL Rocky Arroyo Atoka-Gas

TOWNSHIP	22S	RANGE	22E	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: El Paso Natural Gas Co. Patterson #1-H,  
Sec. 30-T22S-R22E, completed 4-23-73 through Atoka pers from 9030-42'.

Proposed pool boundary outlined in green

Sec. 30: E/2

CASE 5172: (c) CREATION OF A NEW GAS POOL

COUNTY	Eddy	POOL	Rocky Arroyo-Canyon Gas		
TOWNSHIP	22S	RANGE	22E	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: One completed gas well capable of producing

Discovery well: El Paso Natural Gas Co. Rocky Arroyo C #1-F,  
Sec. 8-T22S-R22E completed 8-28-73 through Canyon Perfs from 7292-7347'

Proposed pool boundary outlined in green

Sec. 8: W/2



**CASE 5172: (d) CREATION OF A NEW GAS POOL**

COUNTY Eddy POOL Winchester Strawn Gas

TOWNSHIP 20S RANGE 28E NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and moving left, then down to the next row, then right, and so on. A 2x2 box is located in the top right corner, covering the cells containing numbers 1, 2, 11, and 12. The numbers are: Row 1: 6, 5, 4, 3, 2, 1; Row 2: 7, 8, 9, 10, 11, 12; Row 3: 18, 17, 16, 15, 14, 13; Row 4: 19, 20, 21, 22, 23, 24; Row 5: 30, 29, 28, 27, 26, 25; Row 6: 31, 32, 33, 34, 35, 36. A 2x2 box is drawn around the top right corner, enclosing the numbers 1, 2, 11, and 12.

**Purpose:** One completed gas well capable of producing

Discovery Well: Hillin Production Co. JCW State Com #1-C,  
Sec. 2-T20S-R28E, completed 9-5-73 through Strawn Perfs from  
10078-099'.

Proposed pool boundary outlined in green.

Sec. 2:  $N/2$

CASE 5172: (e) CREATION OF A NEW OIL POOL

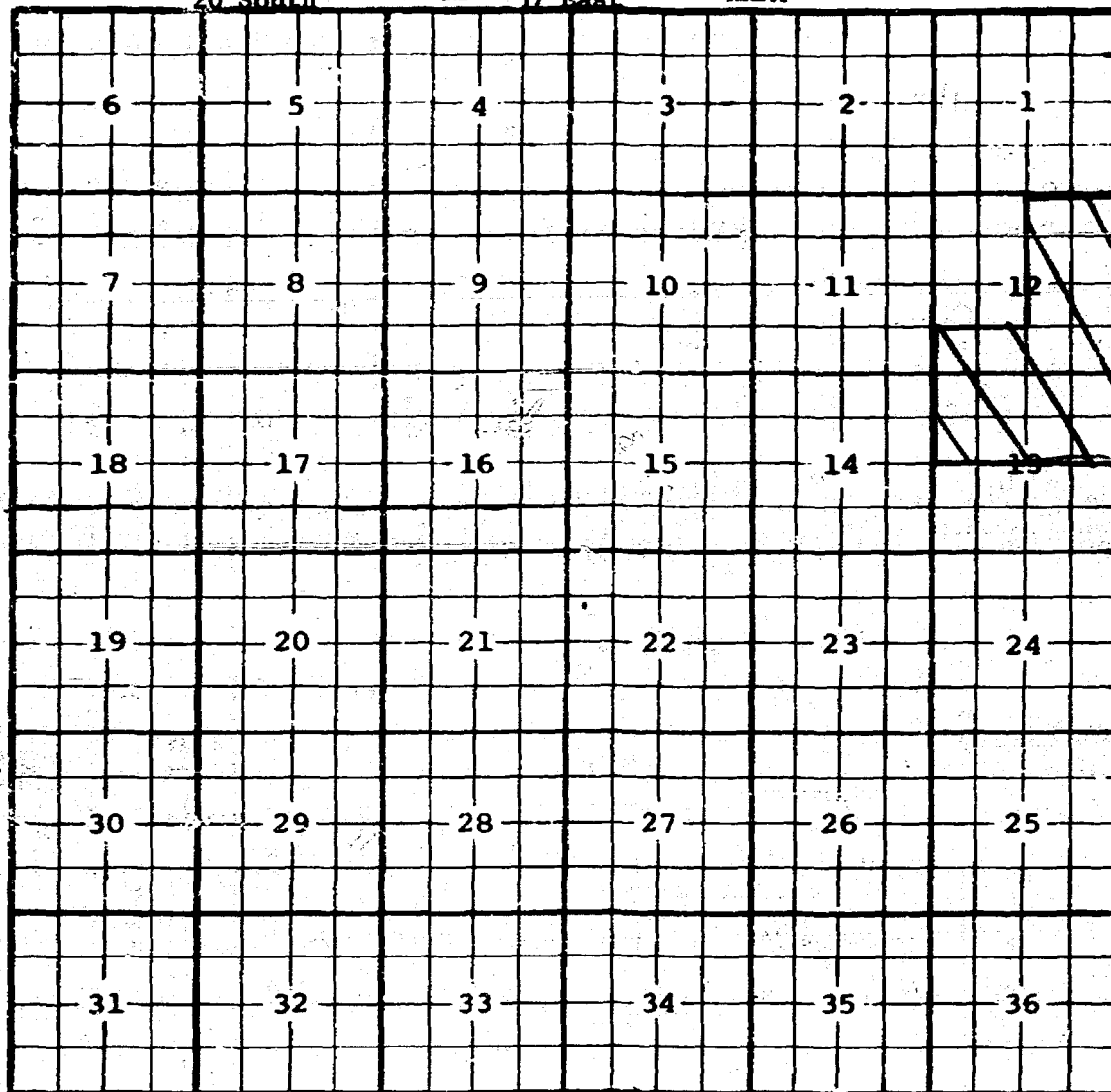
COUNTY Eddy POOL Indian Draw-Delaware

TOWNSHIP	22S	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	35	34	33	32
37	38	39	40	41
48	47	46	45	44
49	50	51	52	53
60	59	58	57	56
71	70	69	68	67
82	81	80	79	78
93	92	91	90	89
104	103	102	101	100
115	114	113	112	111
126	125	124	123	122
137	136	135	134	133
148	147	146	145	144
159	158	157	156	155
170	169	168	167	166
181	180	179	178	177
192	191	190	189	188
203	202	201	200	199
214	213	212	211	210
225	224	223	222	221
236	235	234	233	232
247	246	245	244	243
258	257	256	255	254
269	268	267	266	265
280	279	278	277	276
291	290	289	288	287
302	301	300	299	298
313	312	311	310	309
324	323	322	321	320
335	334	333	332	331
346	345	344	343	342
357	356	355	354	353
368	367	366	365	364
379	378	377	376	375
390	389	388	387	386
401	400	399	398	397
412	411	410	409	408
423	422	421	420	419
434	433	432	431	430
445	444	443	442	441
456	455	454	453	452
467	466	465	464	463
478	477	476	475	474
489	488	487	486	485
500	499	498	497	496
511	510	509	508	507
522	521	520	519	518
533	532	531	530	529
544	543	542	541	540
555	554	553	552	551
566	565	564	563	562
577	576	575	574	573
588	587	586	585	584
599	598	597	596	595
610	609	608	607	606
621	620	619	618	617
632	631	630	629	628
643	642	641	640	639
654	653	652	651	650
665	664	663	662	661
676	675	674	673	672
687	686	685	684	683
698	697	696	695	694
709	708	707	706	705
720	719	718	717	716
731	730	729	728	727
742	741	740	739	738
753	752	751	750	749
764	763	762	761	760
775	774	773	772	771
786	785	784	783	782
797	796	795	794	793
808	807	806	805	804
819	818	817	816	815
830	829	828	827	826
841	840	839	838	837
852	851	850	849	848
863	862	861	860	859
874	873	872	871	870
885	884	883	882	881
896	895	894	893	892
907	906	905	904	903
918	917	916	915	914
929	928	927	926	925
940	939	938	937	936
951	950	949	948	947
962	961	960	959	958
973	972	971	970	969
984	983	982	981	980
995	994	993	992	991
1006	1005	1004	1003	1002
1017	1016	1015	1014	1013
1028	1027	1026	1025	1024
1039	1038	1037	1036	1035
1050	1049	1048	1047	1046
1061	1060	1059	1058	1057
1072	1071	1070	1069	1068
1083	1082	1081	1080	1079
1094	1093	1092	1091	1090
1105	1104	1103	1102	1101
1116	1115	1114	1113	1112
1127	1126	1125	1124	1123
1138	1137	1136	1135	1134
1149	1148	1147	1146	1145
1160	1159	1158	1157	1156
1171	1170	1169	1168	1167
1182	1181	1180	1179	1178
1193	1192	1191	1190	1189
1204	1203	1202	1201	1200
1215	1214	1213	1212	1211
1226	1225	1224	1223	1222
1237	1236	1235	1234	1233
1248	1247	1246	1245	1244
1259	1258	1257	1256	1255
1270	1269	1268	1267	1266
1281	1280	1279	1278	1277
1292	1291	1290	1289	1288
1303	1302	1301	1300	1299
1314	1313	1312	1311	1310
1325	1324	1323	1322	1321
1336	1335	1334	1333	1332
1347	1346	1345	1344	1343
1358	1357	1356	1355	1354
1369	1368	1367	1366	1365
1380	1379	1378	1377	1376
1391	1390	1389	1388	1387
1402	1401	1400	1399	1398
1413	1412	1411	1410	1409
1424	1423	1422	1421	1420
1435	1434	1433	1432	1431
1446	1445	1444	1443	1442
1457	1456	1455	1454	1453
1468	1467	1466	1465	1464
1479	1478	1477	1476	1475
1490	1489	1488	1487	1486
1501	1500	1499	1498	1497
1512	1511	1510	1509	1508
1523	1522	1521	1520	1519
1534	1533	1532	1531	1530
1545	1544	1543	1542	1541
1556	1555	1554	1553	1552
1567	1566	1565	1564	1563
1578	1577	1576	1575	1574
1589	1588	1587	1586	1585
1600	1599	1598	1597	1596
1611	1610	1609	1608	1607
1622	1621	1620	1619	1618
1633	1632	1631	1630	1629
1644	1643	1642	1641	1640
1655	1654	1653	1652	1651
1666	1665	1664	1663	1662
1677	1676	1675	1674	1673
1688	1687	1686	1685	1684
1699	1698	1697	1696	1695
1710	1709	1708	1707	1706
1721	1720	1719	1718	1717
1732	1731	1730	1729	1728
1743	1742	1741	1740	1739
1754	1753	1752	1751	1750
1765	1764	1763	1762	1761
1776	1775	1774	1773	1772
1787	1786	1785	1784	1783
1798	1797	1796	1795	1794
1809	1808	1807	1806	1805
1820	1819	1818	1817	1816
1831	1830	1829	1828	1827
1842	1841	1840	1839	1838
1853	1852	1851	1850	1849
1864	1863	1862	1861	1860
1875	1874	1873	1872	1871
1886	1885	1884	1883	1882
1897	1896	1895	1894	1893
1908	1907	1906	1905	1904
1919	1918	1917	1916	1915
1930	1929	1928	1927	1926
1941	1940	1939	1938	1937
1952	1951	1950	1949	1948
1963	1962	1961	1960	1959
1974	1973	1972	1971	1970
1985	1984	1983	1982	1981
1996	1995	1994	1993	1992
2007	2006	2005	2004	2003
2018	2017	2016	2015	2014
2029	2028	2027	2026	2025
2040	2039	2038	2037	2036
2051	2050	2049	2048	2047
2062	2061	2060	2059	2058
2073	2072	2071	2070	2069
2084	2083	2082	2081	2080
2095	2094	2093	2092	2091
2106	2105	2104	2103	2102
2117	2116	2115	2114	2113
2128	2127	2126	2125	2124
2139	2138	2137	2136	2135
2150	2149	2148	2147	2146
2161	2160	2159	2158	2157
2172	2171	2170	2169	2168
2183	2182	2181	2180	2179
2194	2193	2192	2191	2190
2205	2204	2203	2202	2201
2216	2215	2214	2213	2212
2227	2226	2225	2224	2223
2238	2237	2236	2235	2234
2249	2248	2247	2246	2245
2260	2259	2258	2257	2256
2271	2270	2269	2268	2267
2282	2281	2280	2279	2278
2293	2292	2291	2290	2289
2304	2303	2302	2301	2300
2315	2314	2313	2312	2311
2326	2325	2324	2323	2322
2337	2336	2335	2334	2333
2348	2347	2346	2345	2344
2359	2358	2357	2356	2355
2370	2369	2368	2367	2366
2381	2380	2379	2378	2377
2392	2391	2390	2389	2388
2403	2402	2401	2400	2399
2414	2413	2412	2411	2410
2425	2424	2423	2422	2421
2436	2435	2434	2433	2432
2447	2446	2445	2444	2443
2458	2457	2456	2455	2454
2469	2468	2467	2466	2465
2480	2479	2478	2477	2476
2491	2490	2489	2488	2487
2502	2501	2500	2499	2498
2513	2512	2511	2510	2509
2524	2523	2522	2521	2520
2535	2534	2533	2532	2531
2546	2545	2544	2543	2542
2557	2556	2555	2554	2553
2568	2567	2566	2565	2564
2579	2578	2577	2576	2575
2590	2589	2588	2587	2586
2601	2600	2599	2598	2597
2612	2611	2610	2609	2608
2623	2622	2621	2620	2619
2634	2633	2632	2631	2630
2645	2644	2643	2642	2641
2656	2655	2654	2653	2652
2667	2666	2665	2664	2663
2678	2677	2676	2675	2674
2689	2688	2687	2686	2685
2700				

CASE 5172: (f) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST WEIR-TUBB

TOWNSHIP 20 South RANGE 17 East NMPM

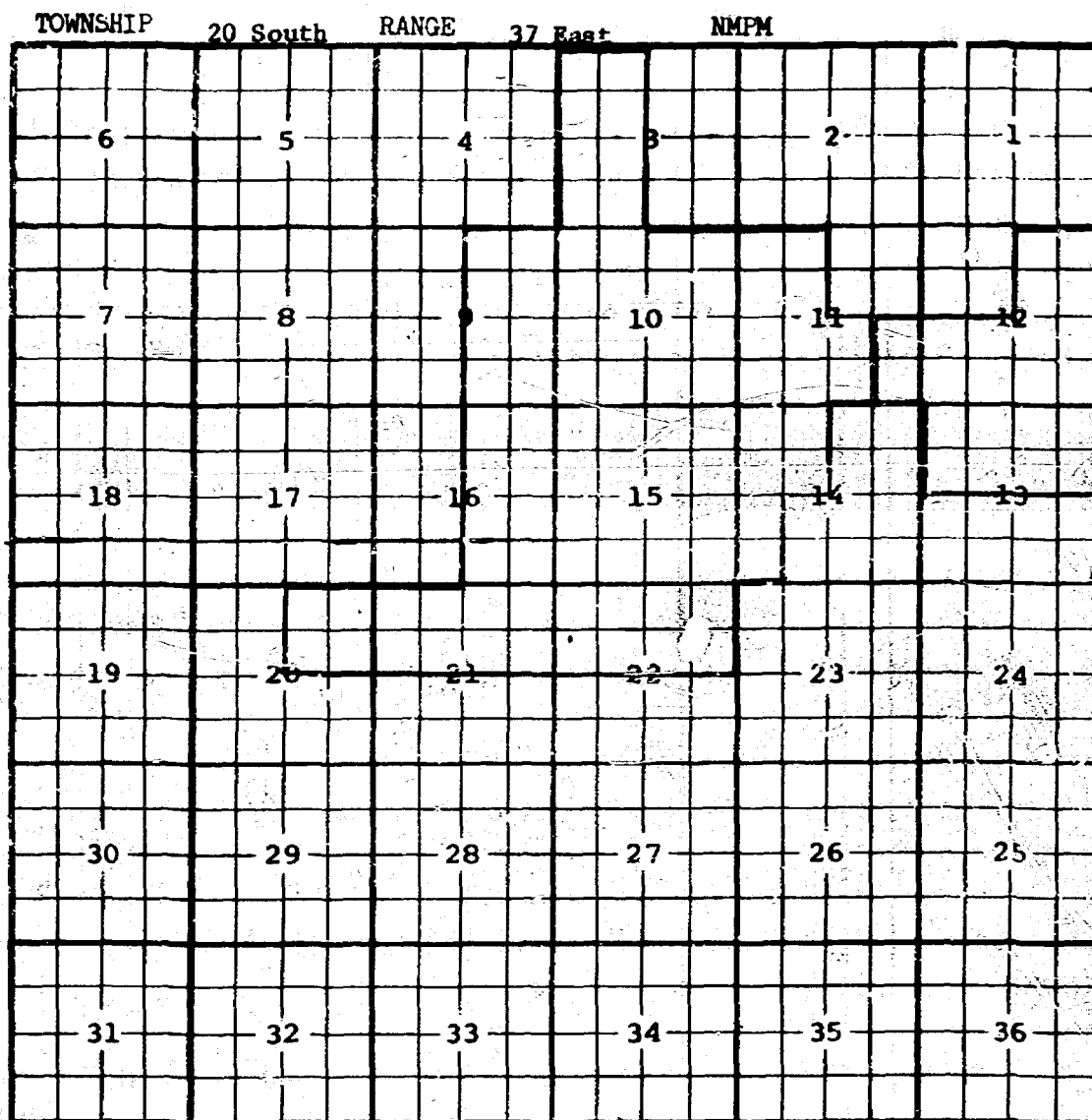


PURPOSE: Abolish the East Weir-Tubb Pool because its pool boundaries are contiguous with those of the Monument-Tubb Pool.

Proposed pool abolishment colored in blue. SECTION 12: E/2 and S/2 SW/4  
SECTION 13: N/2

CASE 5172: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MONUMENT-TUBB



PURPOSE: To take in abolished acreage from East Weir-Tubb Pool and one completed gas well capable of producing from an oil pool.

TEXACO INC. - C. H. Weir "B" #4 in Unit I of Section 11-20-37. Completed in Tubb on November 18, 1973. Top of Perforations 5388'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 11: E/2 SE/4

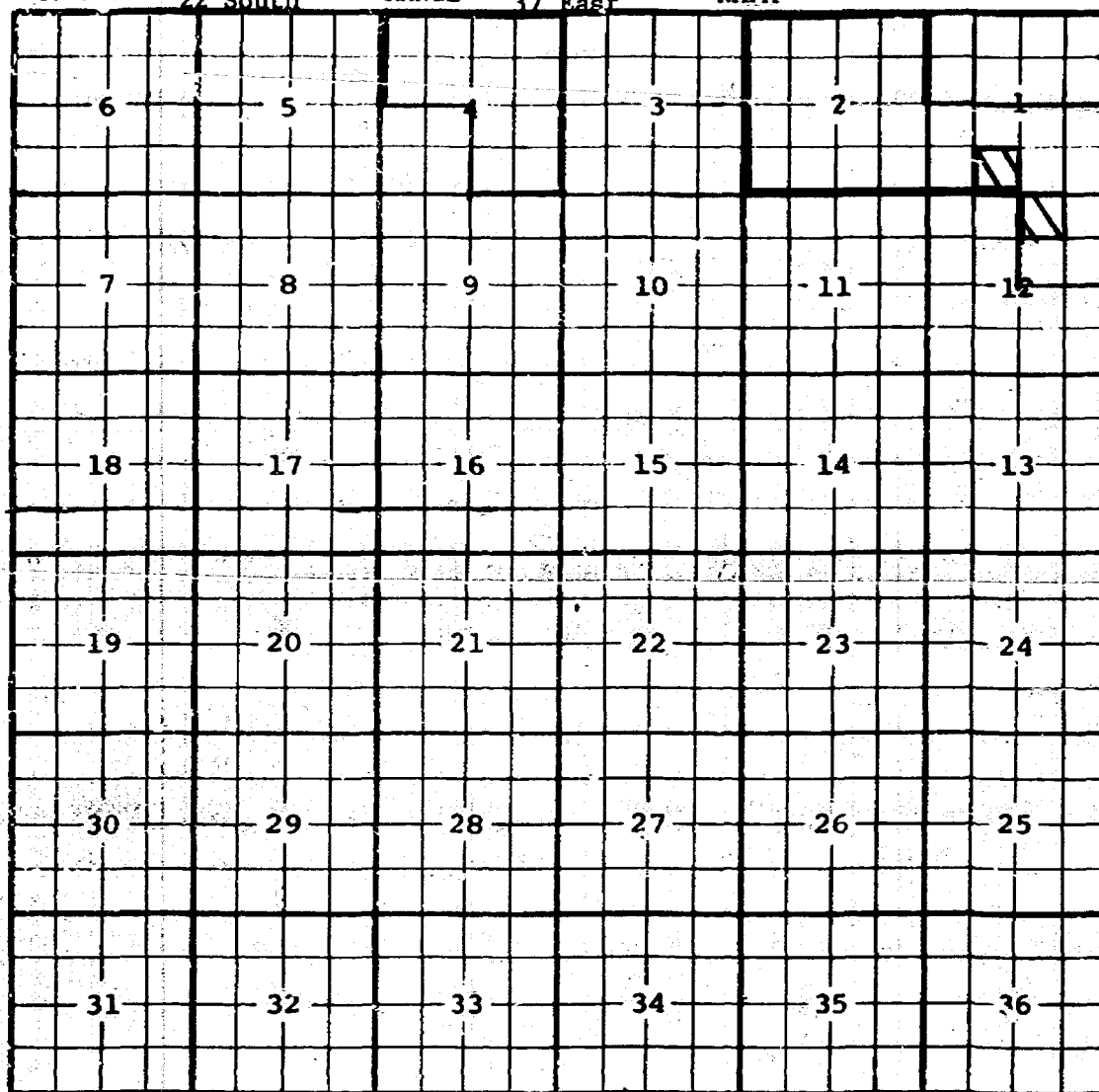
SECTION 12: E/2 and SW/4

SECTION 13: N/2

CASE 5172: (h) DELETION OF AN EXISTING OIL POOL

COUNTY LEA POOL WANTZ-ABO

TOWNSHIP 22 South RANGE 37 East NMPM



PURPOSE: Contract the Wantz-Abo Pool by the deletion of certain acreage which was dedicated to two wells which have since been reclassified as Drinkard wells.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 1: SE/4 SW/4

SECTION 12: NW/4 NE/4

CASE 5172: (1) DELETION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY Eddy POOL Winchester-Wolfcamp

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

Purpose: To delete non-productive acreage from pool.

Pool boundary outlined in red.

Proposed deletion outlined in blue.

Sec. 35: S/2 SE/4



CASE 5172: (1) DELETION OF AN EXISTING OIL POOL (Continued)

COUNTY Eddy POOL Winchester-Wolfcamp

TOWNSHIP	20S	RANGE	28E	NM1M
6	5	4	3	1
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	35	34	33	32
25	26	27	28	29
24	23	22	21	20
13	14	15	16	17
12	11	10	9	8
1	2	3	4	5

Purpose: As stated on page one of this exhibit

Pool boundary outlined in red.

Proposed deletion outlined in blue.

Sec. 2: W/2 NE/4

CASE 5172: (j) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy		POOL	West Atoka-Cisco Gas	
TOWNSHIP	18S	RANGE	25E	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.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Coquina Oil Corp.	Clancy Com	1-0	11-18-25	6-16-73	Cisco	7034

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 11: S/2

CASE 5172: (k) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL West Atoka-Morrow Gas

TOWNSHIP		18S	RANGE		26E	NMPM	
		6	5	4	3	2	1
		7	8	9	10	11	12
		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
Yates Petr. Corp.	Vandiver CN Com	1-E	18-18-26	8-3-73	Morrow	8666'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 18:N/2

CASE 5172: (1) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

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

Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Phillips Pet.Co.	James C.	#1-L.	35-21-30	11-13-73	Morrow	13124'

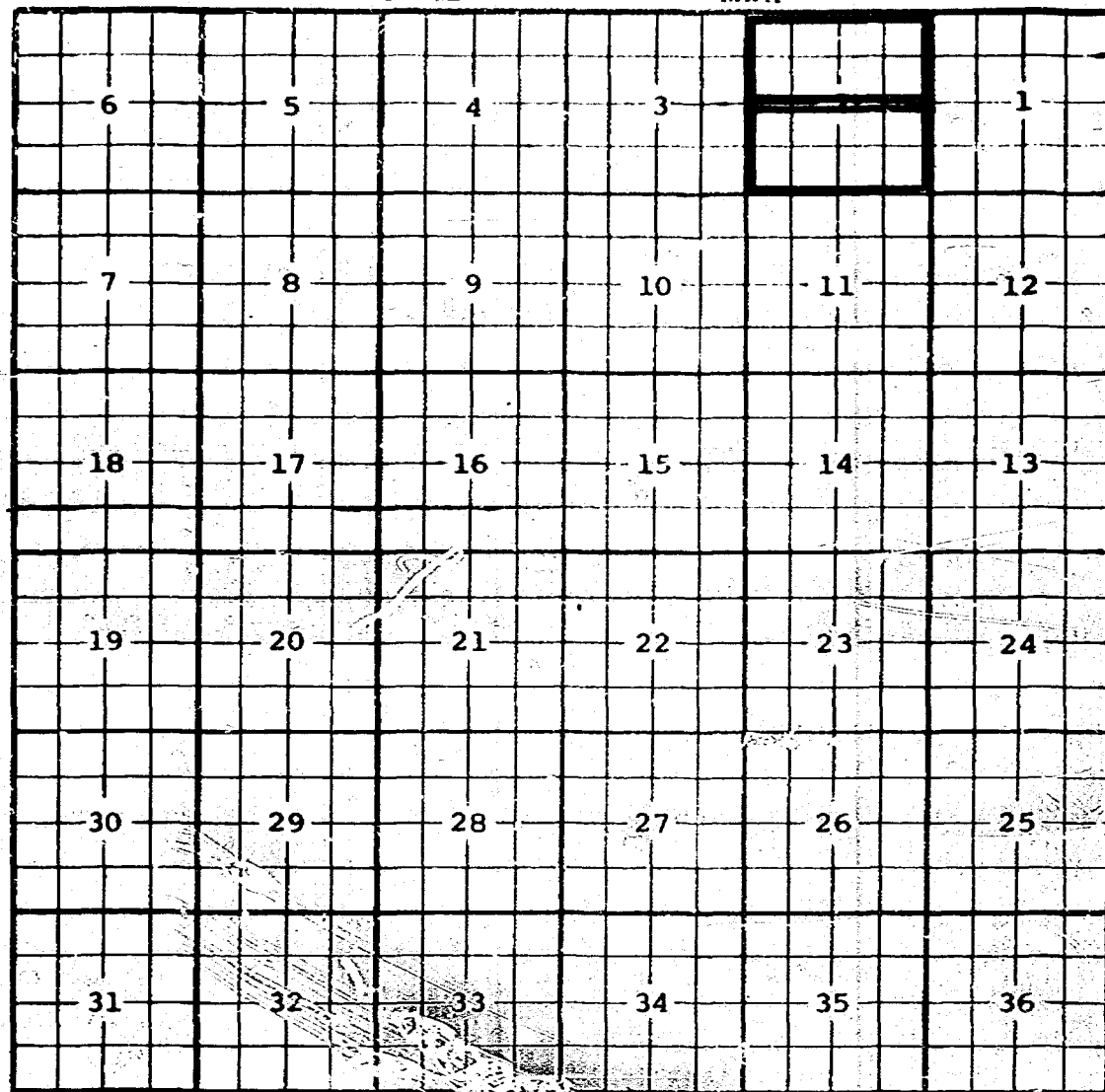
Proposed extension outlined in green

Sec. 35: W/2

CASE 5172: (1) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Cabin Lake-Morrow Gas

TOWNSHIP 22S RANGE 30E NMPM



Purpose: As stated on page one of this exhibit

Pool boundary outlined in red.

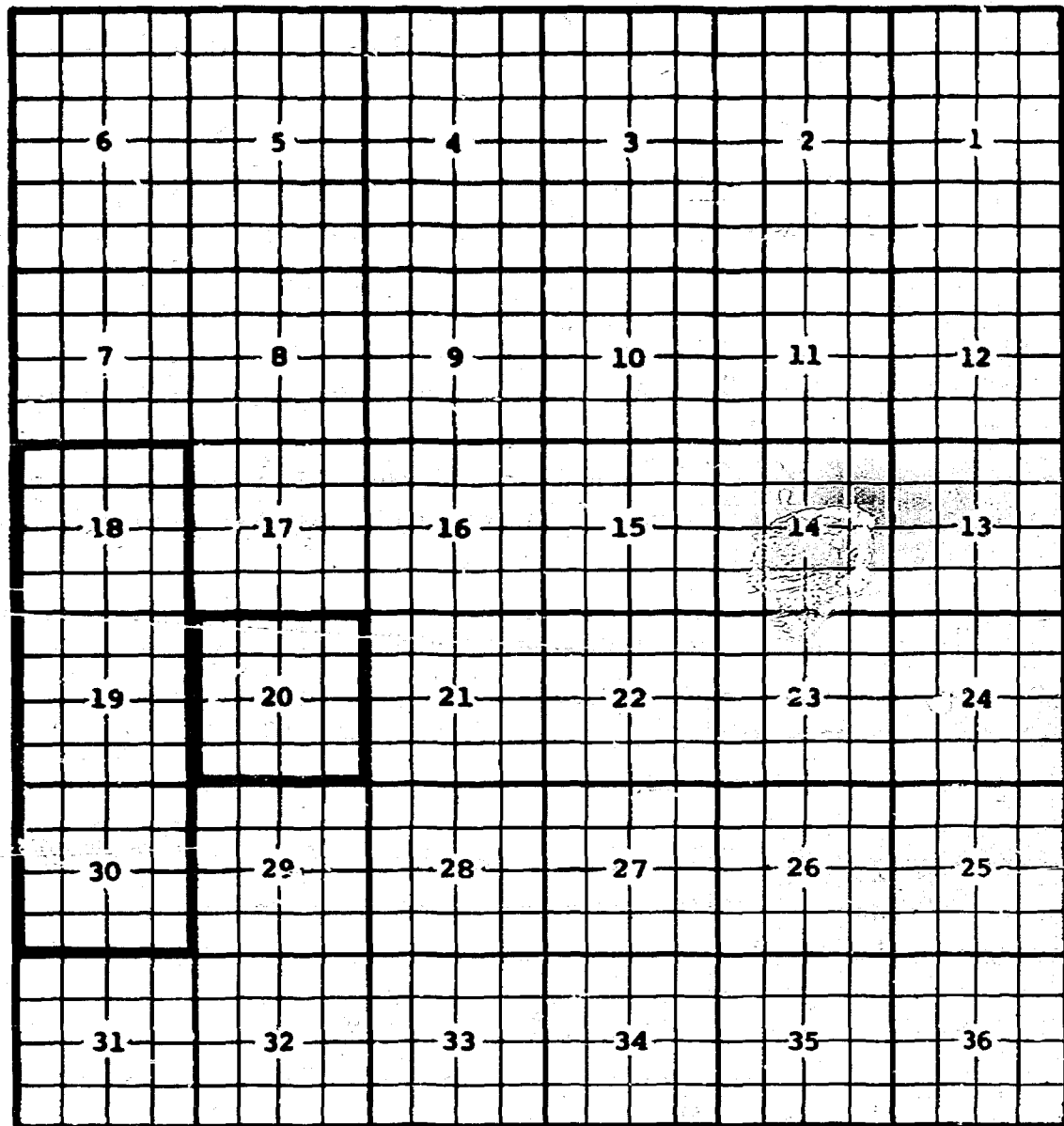
Proposed extension outlined in green.

Sec. 2: N/2

CASE 5172: (M) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Catclaw Draw-Morrow Gas

TOWNSHIP 21S RANGE 26E NEPM



Purpose: One completed gas well capable of producing

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Inexco Oil Co.	ARCO Fed. Com.	1-D	20-21-26	10-12-73	Morrow	10908'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 20: ALL



CASE 5172: (n) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)  
COUNTY CHAVES POOL CATO-SAN ANDRES

TOWNSHIP		7 South	RANGE		30 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: One completed oil well capable of producing.

MARTINDALE PETROLEUM CORPORATION - Crosby #1 in Unit 0 of Section 26-7-30. Completed in San Andres on November 15, 1973. Top of Perforations 3454'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: SW/4

SECTION 26: SE/4

CASE 5172: (n) EXTENSION OF AN EXISTING OIL POOL (Continued)

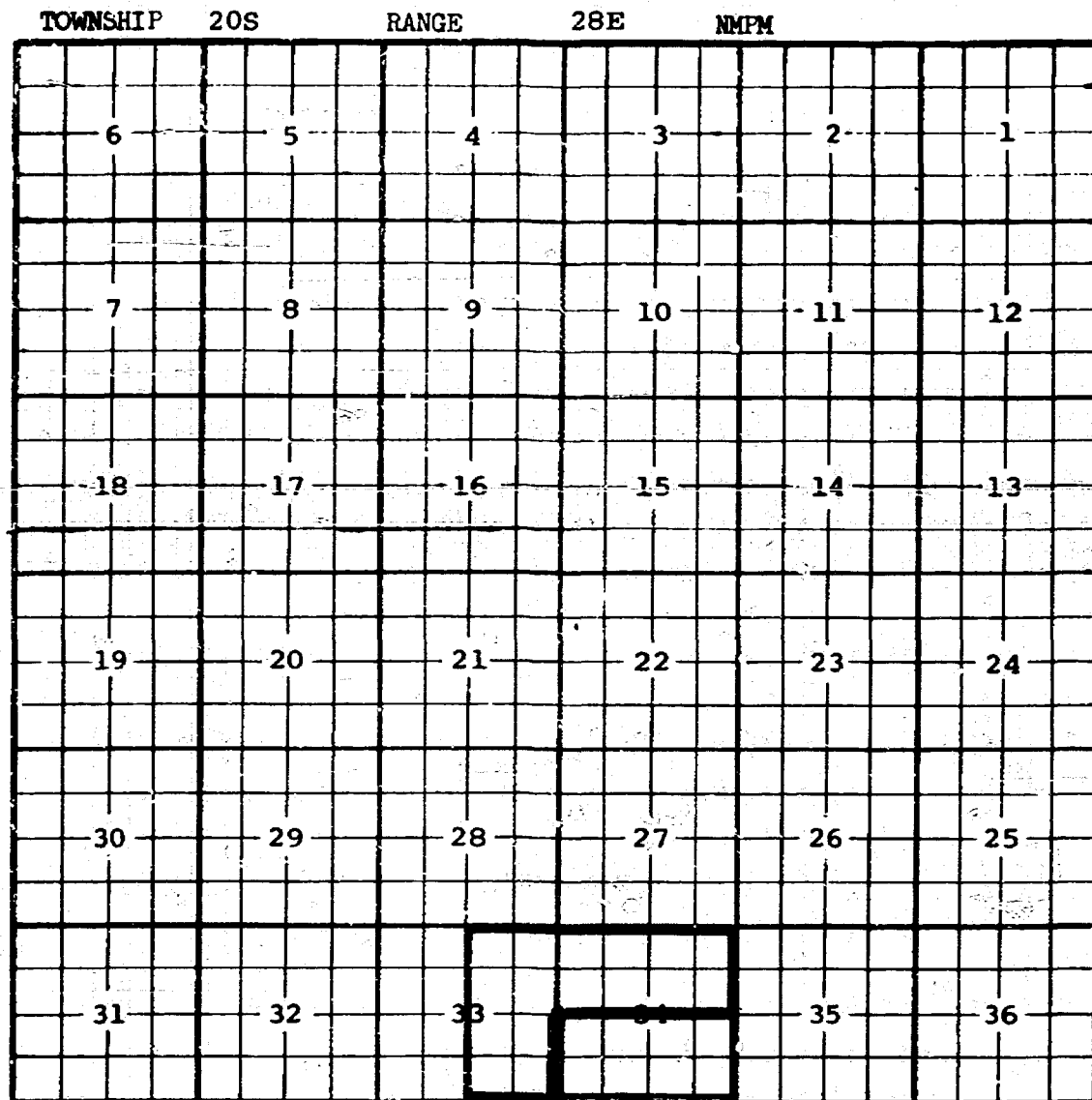
COUNTY	CHAVES	POOL	CATO-SAN ANDRES		
TOWNSHIP	20 South	RANGE	30 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: As stated on preceding page, paragraph (n), Exhibit I.

Proposed pool extension colored in green. SECTION 29: All

TO BE DISMISSED BECAUSE OF ERROR IN ADVERTISEMENT.

CASE 5172: (o) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)  
COUNTY Eddy PCOL Burton Flat-Morrow Gas



Purpose: Two completed gas wells capable of producing

Operator	Lease	# & Ut. S-T-R	Comp. Form.	Top
Monsanto Co.	Burton Flat Dp Ut	6-G 34-20-28	11-5-73 Morrow	11114
"	"	7-I 33-20-28	11-19-73 "	11221

Pool boundary outlined in red

Proposed extension outlined in green

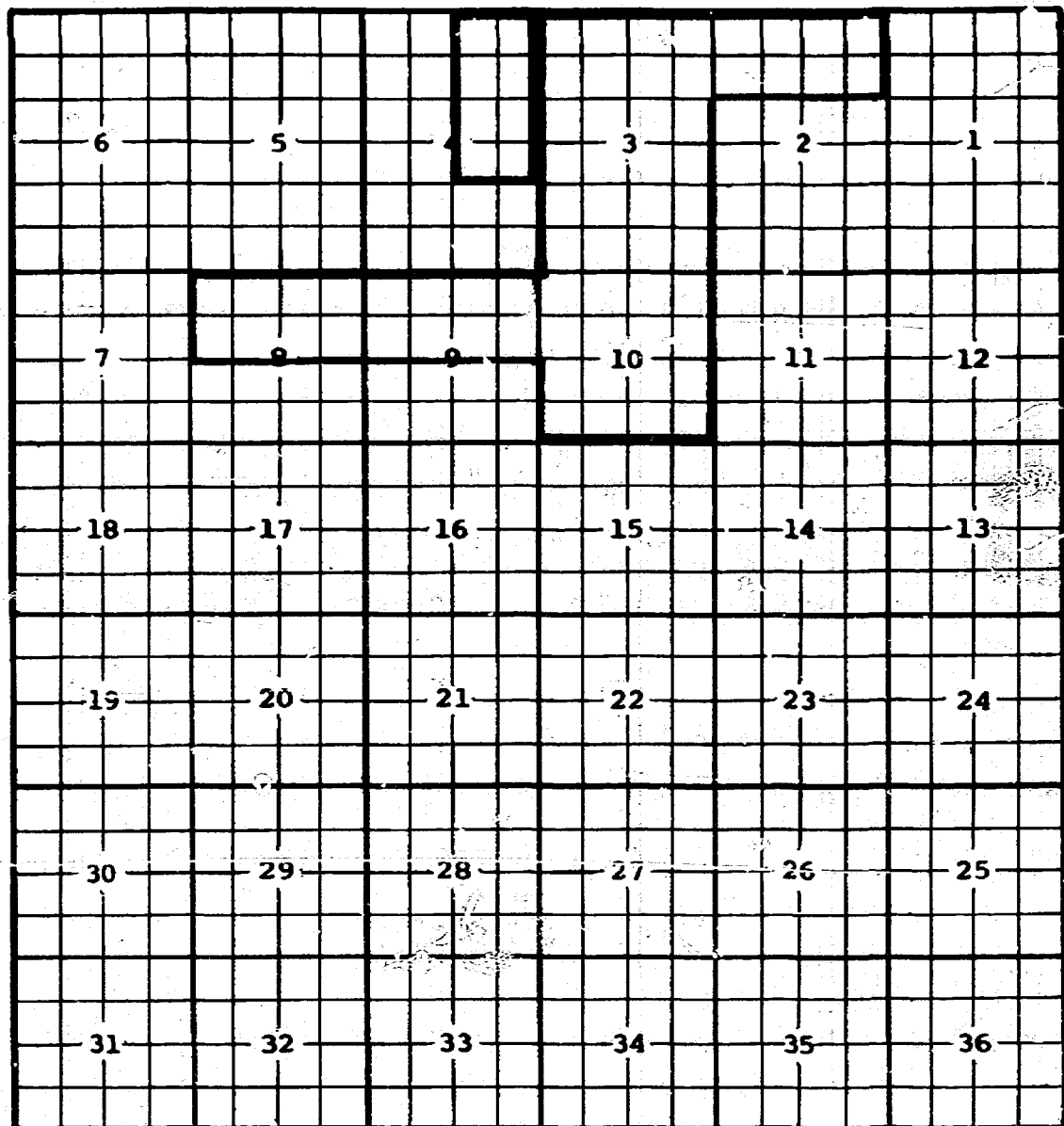
Sec. 33: E/2

Sec. 34: N/2

CASE 5172: (o) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Burton Flat-Morrow Gas

TOWNSHIP 21S RANGE 27E NMPM



Purpose: One completed gas well capable of producing

Operator Lease # & Ut. S-T-R Comp. Form. TOP  
Mobil Oil Corp. Federal 4 Com. 1-I 4-21-27 12-26-73 Morrow 11272

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 4: Lots 1, 2, 7, 8, 9, 10, 15 & 16

CASE 5172: (p) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy POOL Burton Flat-Strawn Gas

TOWNSHIP 20S RANGE 28E NMPM

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

Purpose: One completed gas well capable of producing

Operator	Lease	# & Ut. S-T-R	Comp.	Form.	TOP
Monsanto Co.	Burton Flat Dp Ut	4-N 34-20-28	7-23-73	Strawn	10216

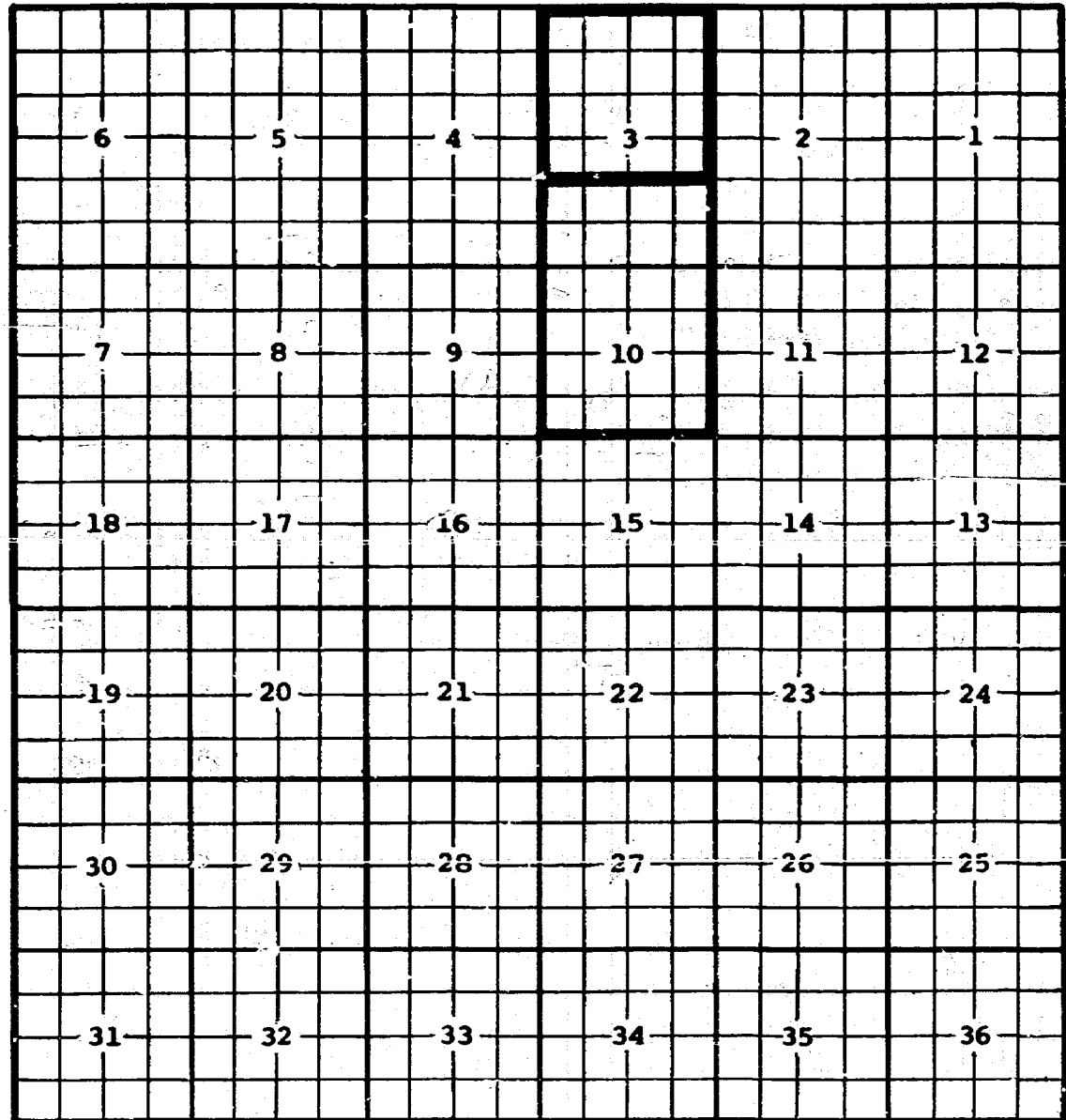
Proposed extension outlined in green

Sec. 34: S/2

CASE 5172: (p) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Burton Flat-Strawn Gas

TOWNSHIP 21S RANGE 27E NMPM



Purpose: As stated on page one of this exhibit

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 3: lots 1 through 16

CASE 5172: (q) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL South Empire-Morrow Gas

TOWNSHIP 17S RANGE 29E 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: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form	TOP
Midwest Oil Corp.	S.Empire Deep Ut.	3-N	31-17-29	1-17-73	Morrow	10711'

Pool boundary outlined in red.

Proposed extension outlined in green.

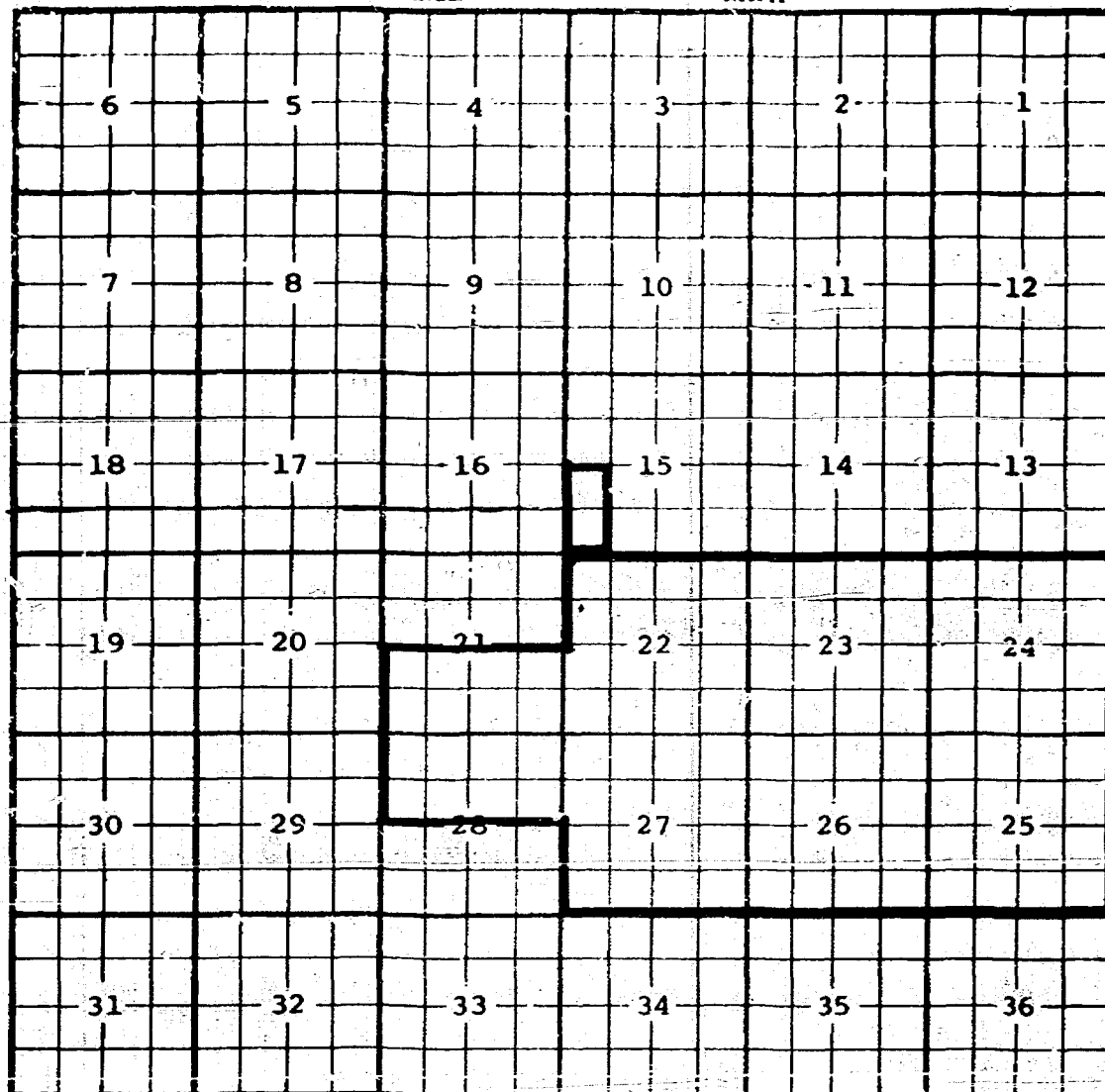
Sec. 31: S/2



CASE 5172: (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Fren

TOWNSHIP 17S RANGE 30E NMPM



Purpose: One completed well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
General American	McIntyre H	1-L	15-17-30	7-5-73	Seven Rivers	1755'
Oil Co. of Texas						

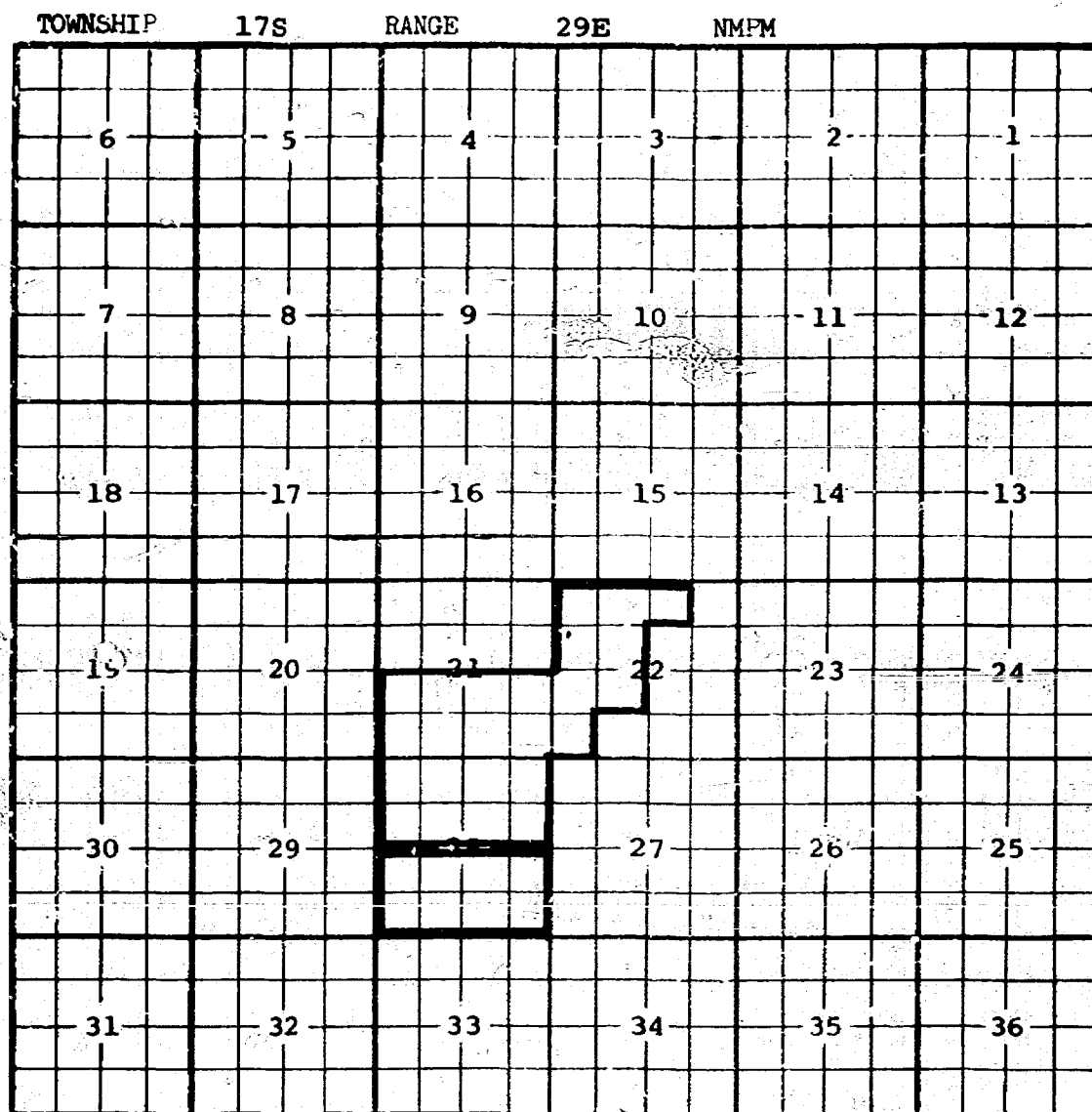
Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 15: W/2 SW/4

CASE 5172: (s) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Grayburg-Morrow Gas



Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Horizon Oil & Gas Co. of Texas	State 28 Com	2-K	28-17-29	8-16-73	Morrow	10709

Pool boundary outlined in red.

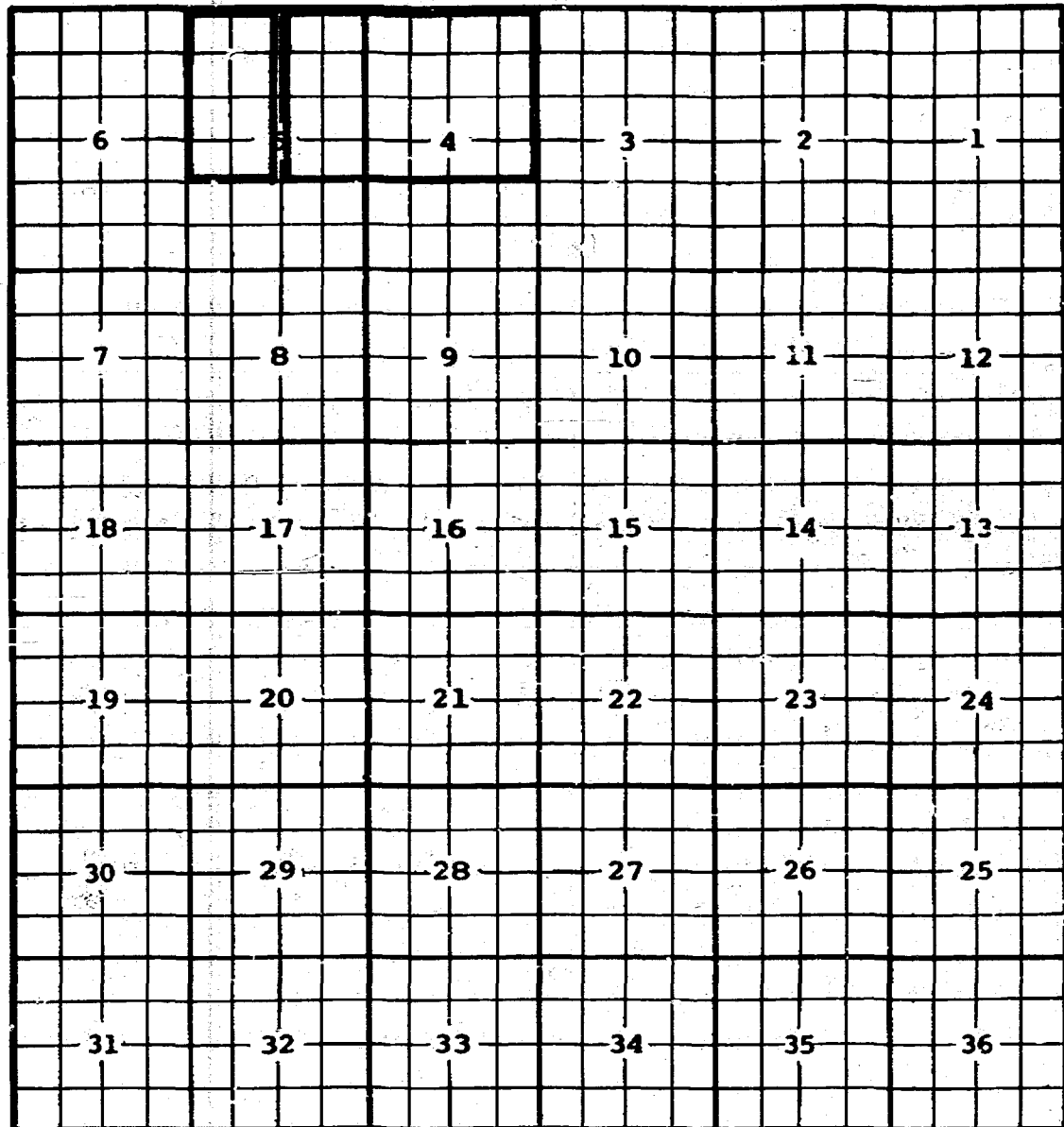
Proposed extension outlined in green.

Sec. 28: S/2

CASE 5172: (t) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Golden Lane-Strawn Gas

TOWNSHIP 21S RANGE 29E NMPM



Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form	TOP
Meadco Properties Ltd.	Harris Bell	2-F	5-21-29	9-5-73	Strawn	11237'

Pool boundary outlined in red.

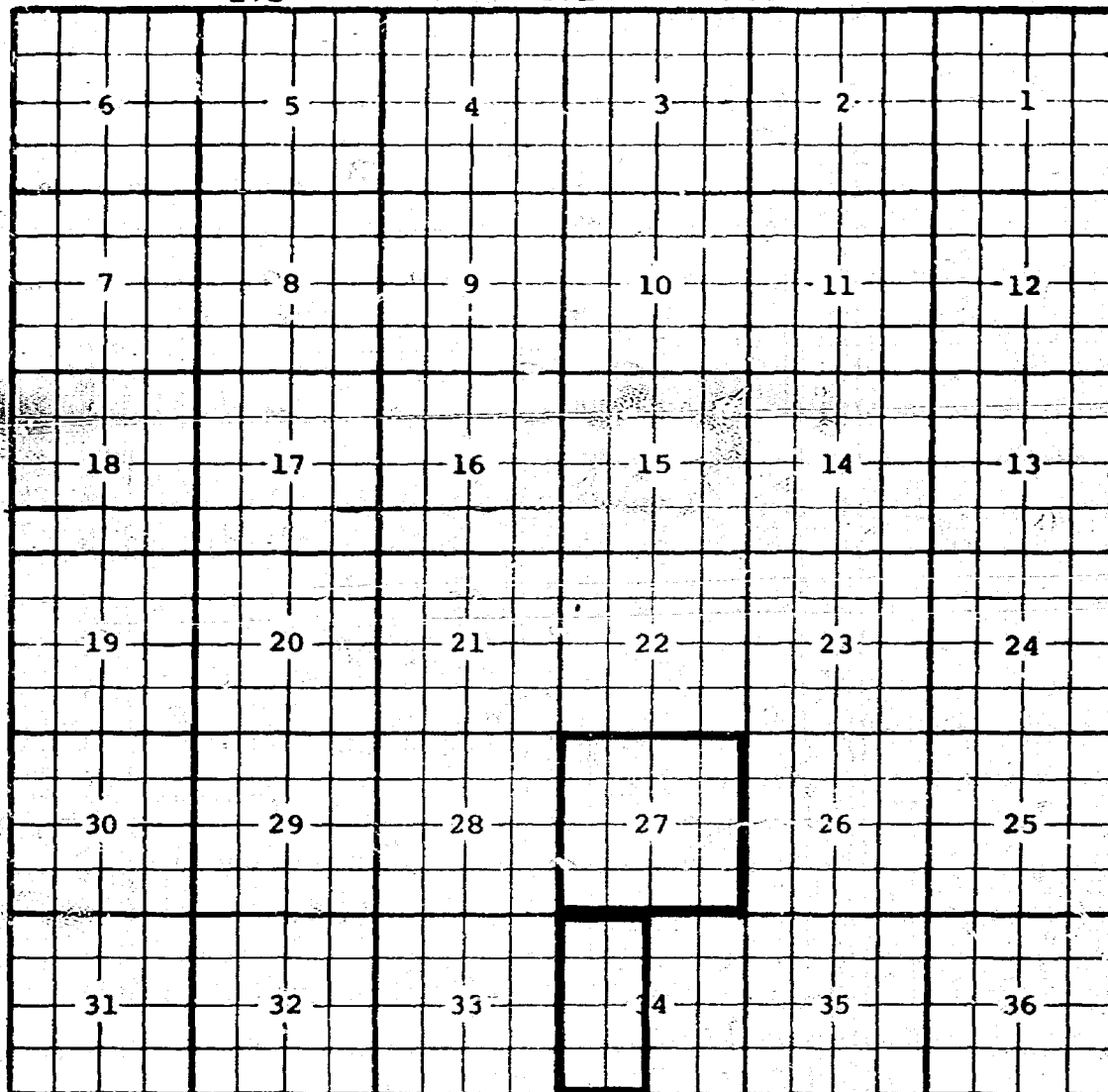
Proposed extension outlined in green.

Sec. 5: lots 3,4,5,6,11,12,13 & 14

CASE 5172: (u) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Logan Draw-Morrow Gas

TOWNSHIP 17S RANGE 27E NMFM



Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Amoco Production Co.	Hondo Fed.	1-J	27-17-27	10-25-73	Morrow	9314'
Gas Com						

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 27: ALL

CASE 5172: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY SEA POOL NORTH MORTON-PERMO PENNSYLVANIAN

TOWNSHIP 14 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: One completed oil well capable of producing.

ELK OIL COMPANY - Union State #1 in Unit N of Section 25-14-34. Completed  
in Wolfcamp on November 10, 1973. Top of Perforations 10,468'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: S/2

SECTION 36: NE/4

CASE 5172: (w) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Penasco Draw-San Andres-Yeso

TOWNSHIP 18S RANGE 26E NMPM

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

Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Yates Petr.Corp.	Nickson BM	2-A	30-18-26	11-1-73	SA	1237'

Pool boundary outlined in red.

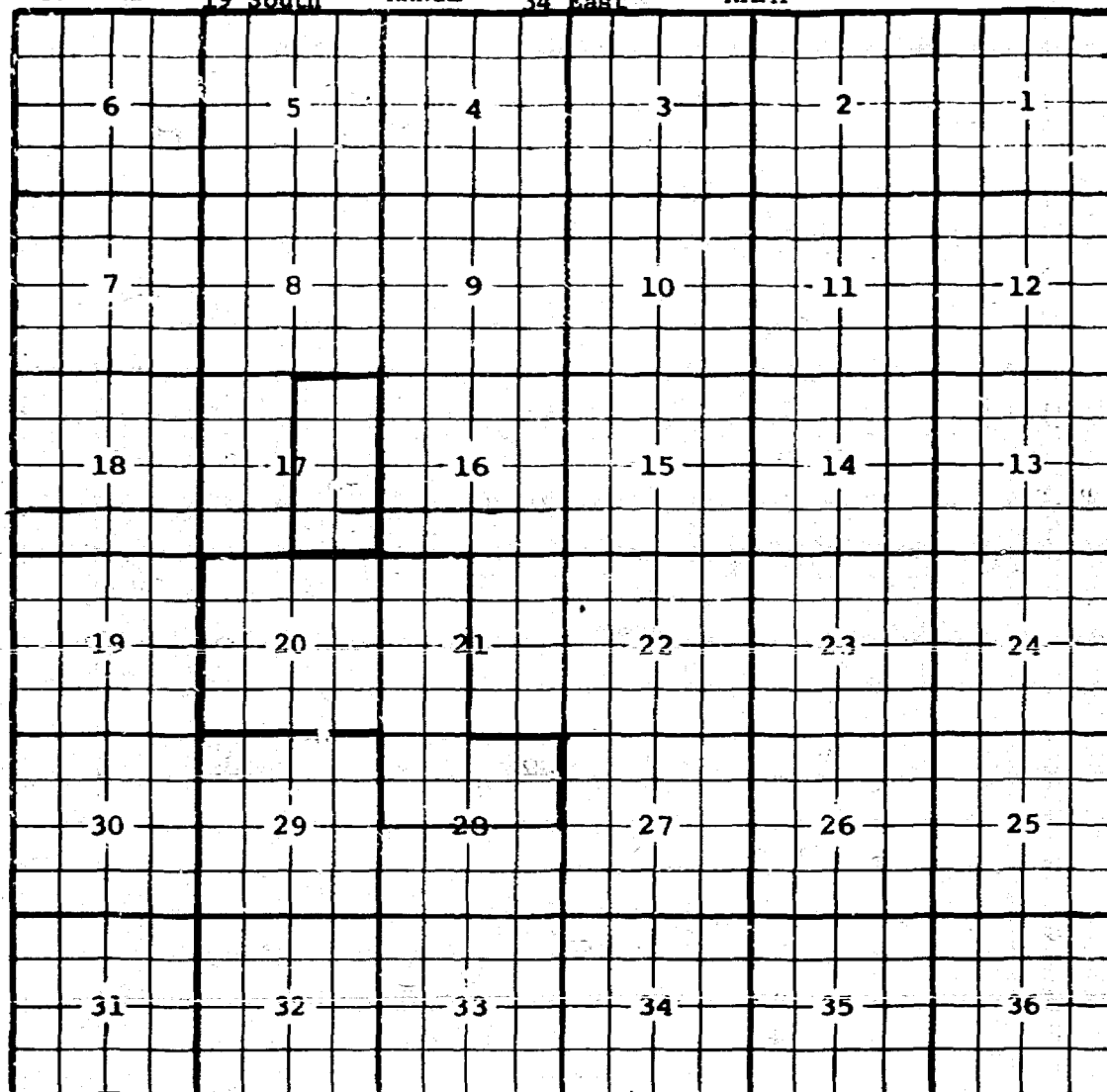
Proposed extension outlined in green.

Sec. 30: N/2

CASE 5172: (x) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL QUAIL RIDGE-MORROW GAS

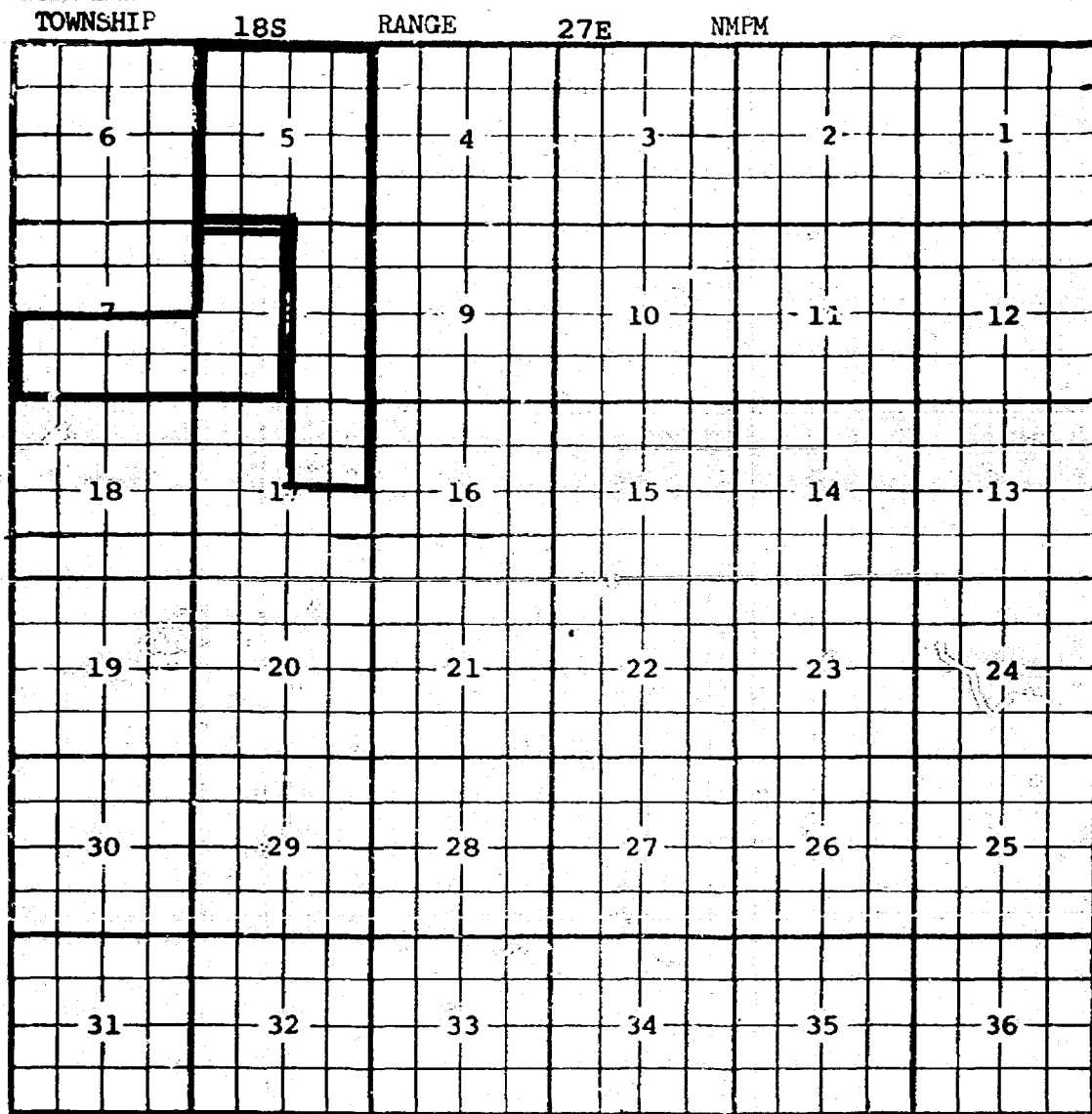
TOWNSHIP 19 South RANGE 34 East NMPM



PURPOSE: One completed gas well capable of producing.  
 UNION OIL COMPANY OF CALIFORNIA - Pipeline Deep Unit Federal #1 in Unit  
 J of Section 17-19-34. Completed in Lower Morrow on October 12, 1973.  
 Top of Perforations 13,456'.  
 Pool boundary colored in red.  
 Proposed pool extension colored in green. SECTION 17: E/2



CASE 5172: (y) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Red Lake Pennsylvanian Gas



Purpose: One completed gas well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Mark Prod.Co.	Peterson Com	1-J	7-18-27	10-8-73	Morrow	9142'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 7: S/2

Sec. 8: W/2

CASE 5172: (z) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy POOL Rocky Arroyo-Morrow Gas

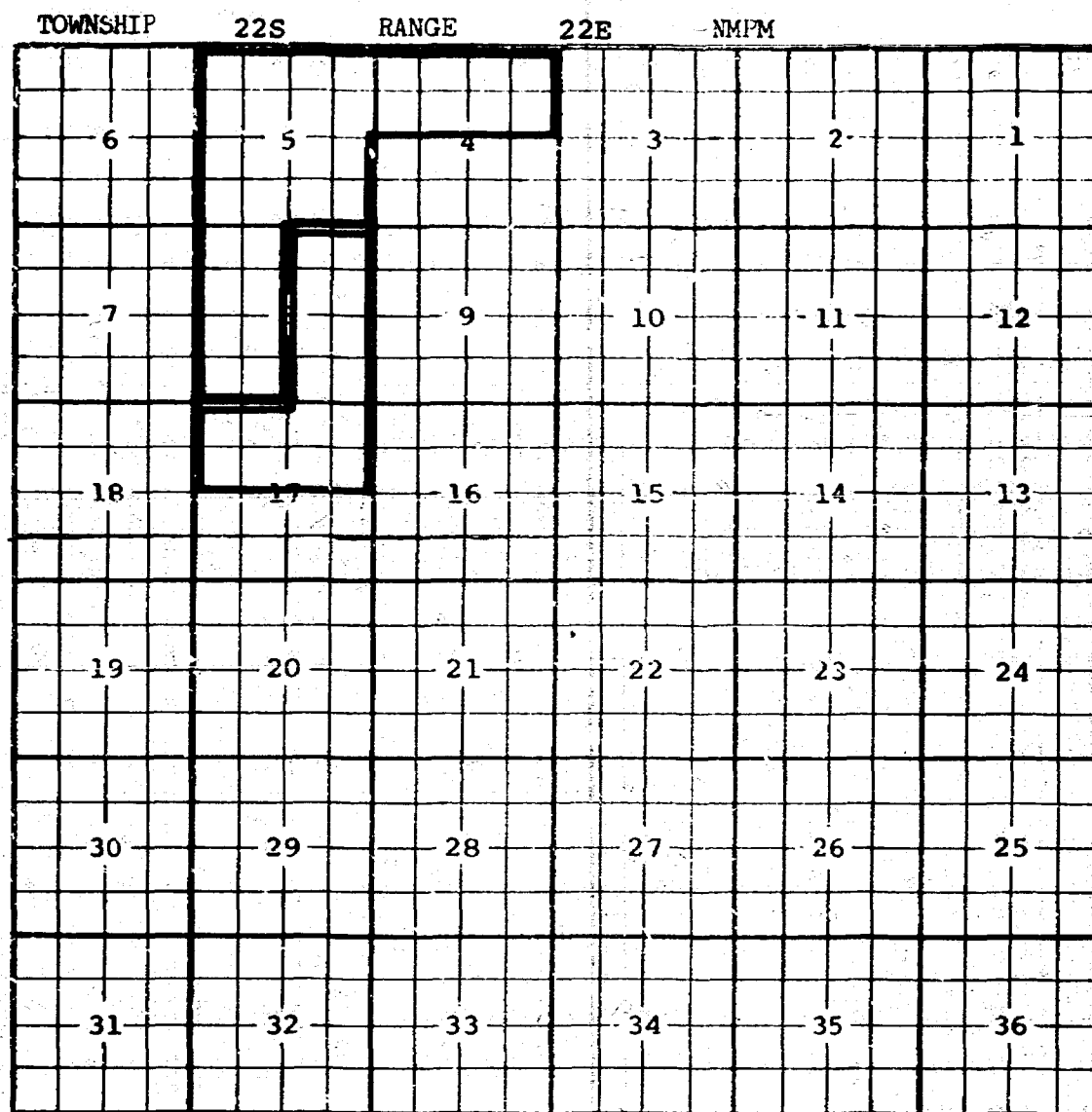
TOWNSHIP	21S	RANGE	22E	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: As stated on page one of this exhibit.

Proposed extension outlined in green.

Sec. 33: S/2

CASE 5172: (?) EXTENSION OF AN EXISTING GAS POOL (Continued)  
COUNTY Eddy POOL Rocky Arroyo-Morrow Gas



Purpose: Three completed gas wells capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Great Western Drlg. Co.	Reese Cleveland Fed.	1-N 33-21-22	12-27-72	Morrow	9126'	
"	Cawley Draw	1-B 4-22-22	5-19-73	"	9086'	
El Paso Natural Gas Co.	Rocky Arroyo C	1-F 8-22-22	9-25-73	"	9038'	

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 4: N/2

Sec. 5: ALL

Sec. 8: W/4

CASE 5172: (aa) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH SALT LAKE-MORROW GAS

TOWNSHIP 20 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: One completed gas well capable of producing.

AMINI OIL COMPANY - Aztec Federal #1 in Unit L of Section 33-20-33. Completed in Morrow on October 24, 1973. Top of Perforations 13,808'

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 32: S/2

SECTION 33: W/2

CASE 5172: (bb) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL WEST SAWYER-SAN ANDRES

TOWNSHIP		9 South	RANGE		37 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: One completed oil well capable of producing.

FLAG-REDFERN OIL COMPANY - Marathon Federal #1 in Unit F of Section 23-9037. Completed in San Andres on September 19, 1973. Top of Perforations 4955'.

ADDITION--JOHN L. COX - Roil #1 in Unit H of Section 21-9-37. Completed in San Andres on October 23, 1973. Top of Perforations 4940'.

Pool boundary colored in red.

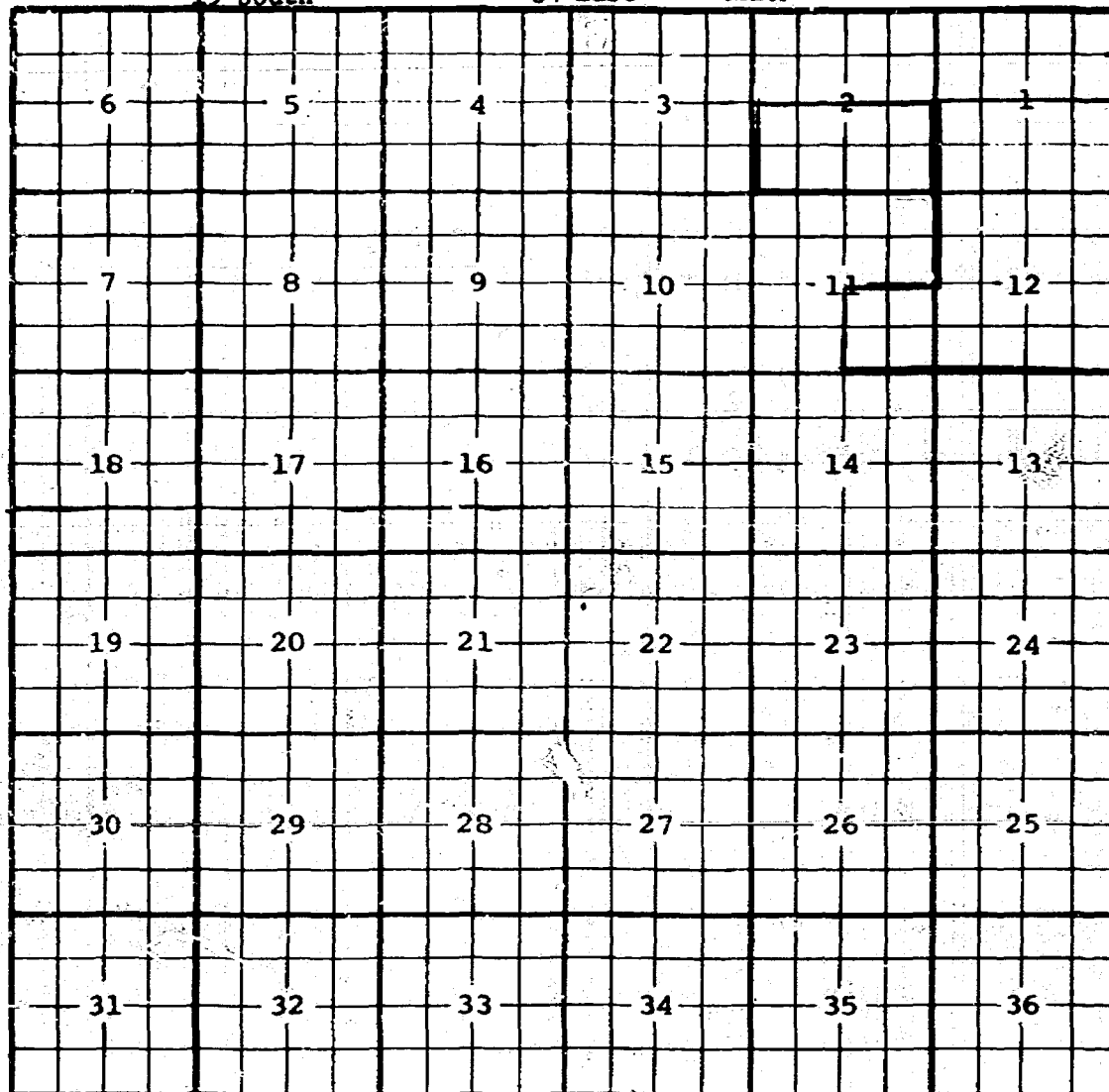
Proposed pool extensions colored in green. SECTION 23: NW/4

ADDITION---SECTION 21: NE/4

CASE 5172: (cc) EXTENSION OF AN EXISTING OIL POOL

COUNTY LPA POOL SCHARB-BONE SPRINGS

TOWNSHIP 19 South RANGE 34 East NMPM



PURPOSE: One completed oil well capable of producing.

TEXAS OIL & GAS CORPORATION - Scharb "2" State #1 in Unit M of Section 2-19-34. Completed in Bone Spring on November 23, 1973. Top of Perforations 10,506'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 2: S/2

CASE 5172: (dd) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL NORTH SHOE BAR-STRAWN

TOWNSHIP	16 South	RANGE	35 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: One completed oil well capable of producing.

MESA PETROLEUM COMPANY - Lister #1 in Unit G of Section 13-16-35. Completed in Strawn on November 7, 1973. Top of Perforations 11,336'.

Pool boundary colored in red.

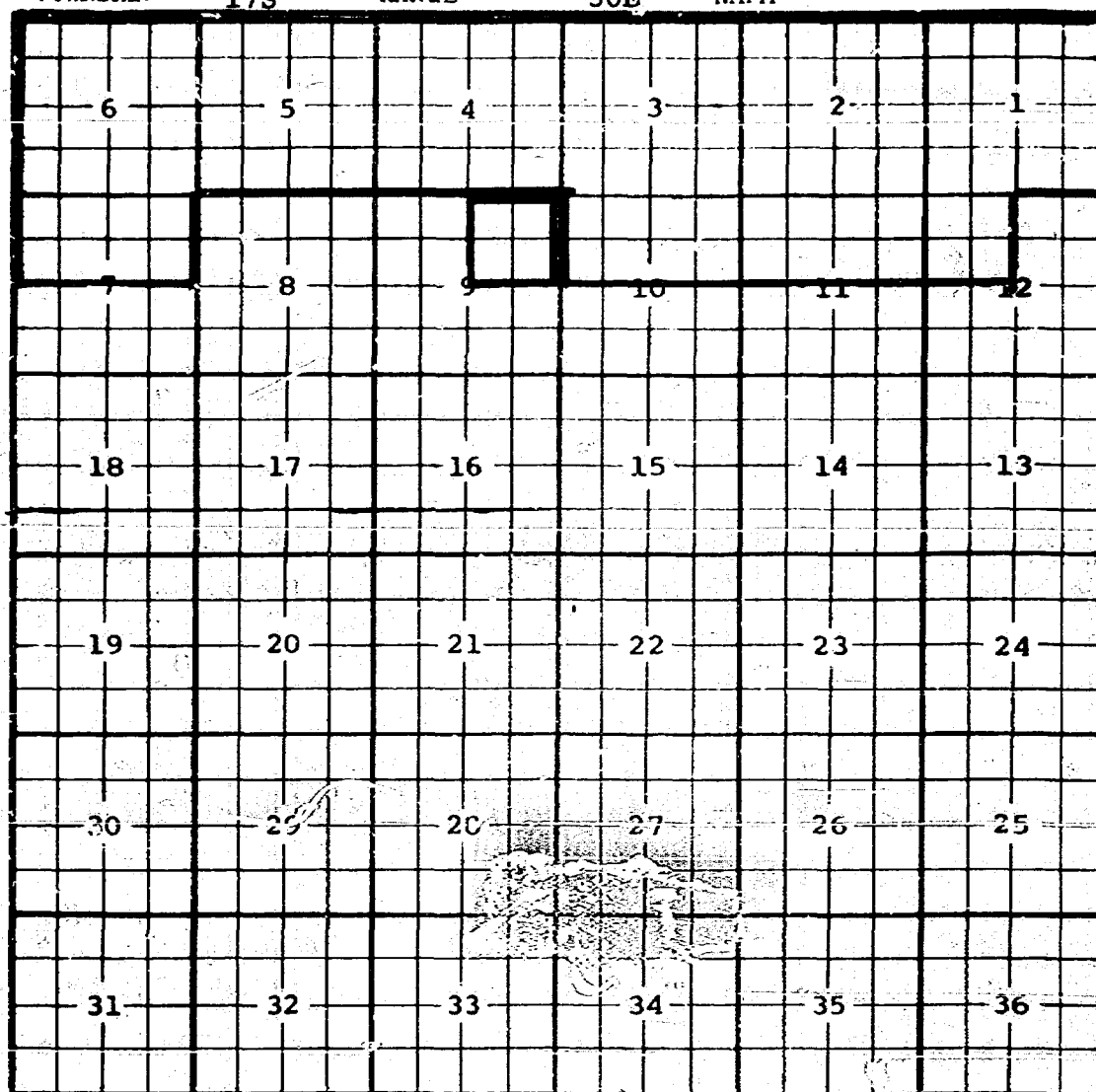
Proposed pool extension colored in green. SECTION 13: NE/4



CASE 5172: (ee) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Square Lake

TOWNSHIP 17S RANGE 30E NMFM



Purpose: One completed oil well capable of producing

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Armer Oil Co.	Arco Fed.	1-H	19-17-30	11-2-73	SA	3024

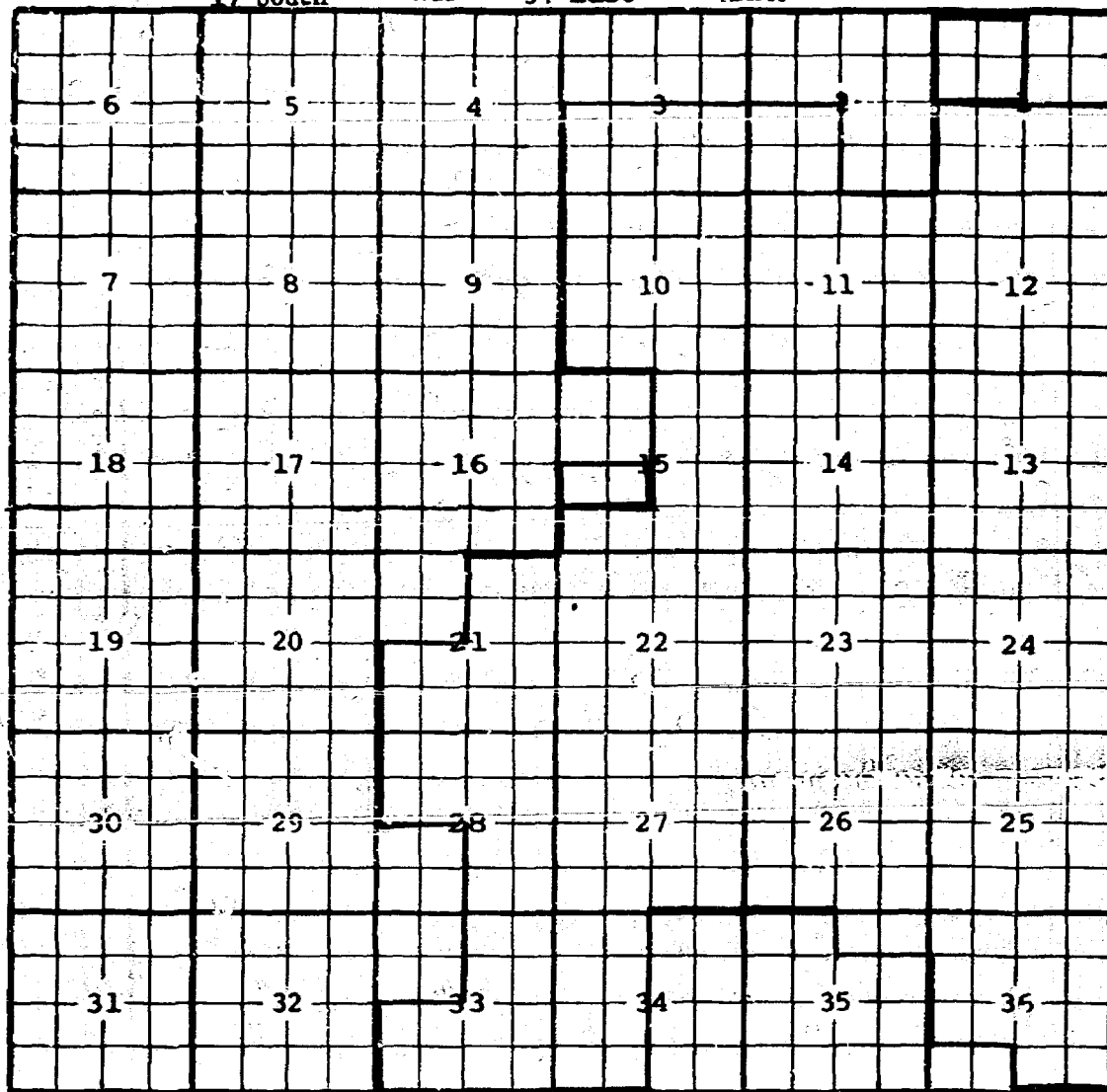
Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 9: NE/4

COUNTY LEA PO BOX NORTH VACUUM-ABO

TOWNSHIP 17 South RANGE 34 East NMPM



PURPOSE: Two completed oil wells capable of producing.

AMINI OIL COMPANY - Exxon "B" State #1 in Unit F of Section 1-17-34.

Completed in Abo on October 3, 1973. Top of Perforations 8731'

~~TAIGA ENERGY, INC. - Conoco State #1 in Unit I of Section 15-17-34. Completed in Abo on October 26, 1973. Top of Perforations 8836'.~~

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 1: NW/4

SECTION 15: N/2 SW/4

CASE 5172: (ff) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	NORTH VACUUM-ABO		
TOWNSHIP	16 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 (ff), Exhibit I.

ADDITION--AMINI OIL COMPANY - Pennzoil State #1 in Unit N of Section 36-16-34. Completed in Abo on December 31, 1973. Top of Perforations 8806'.

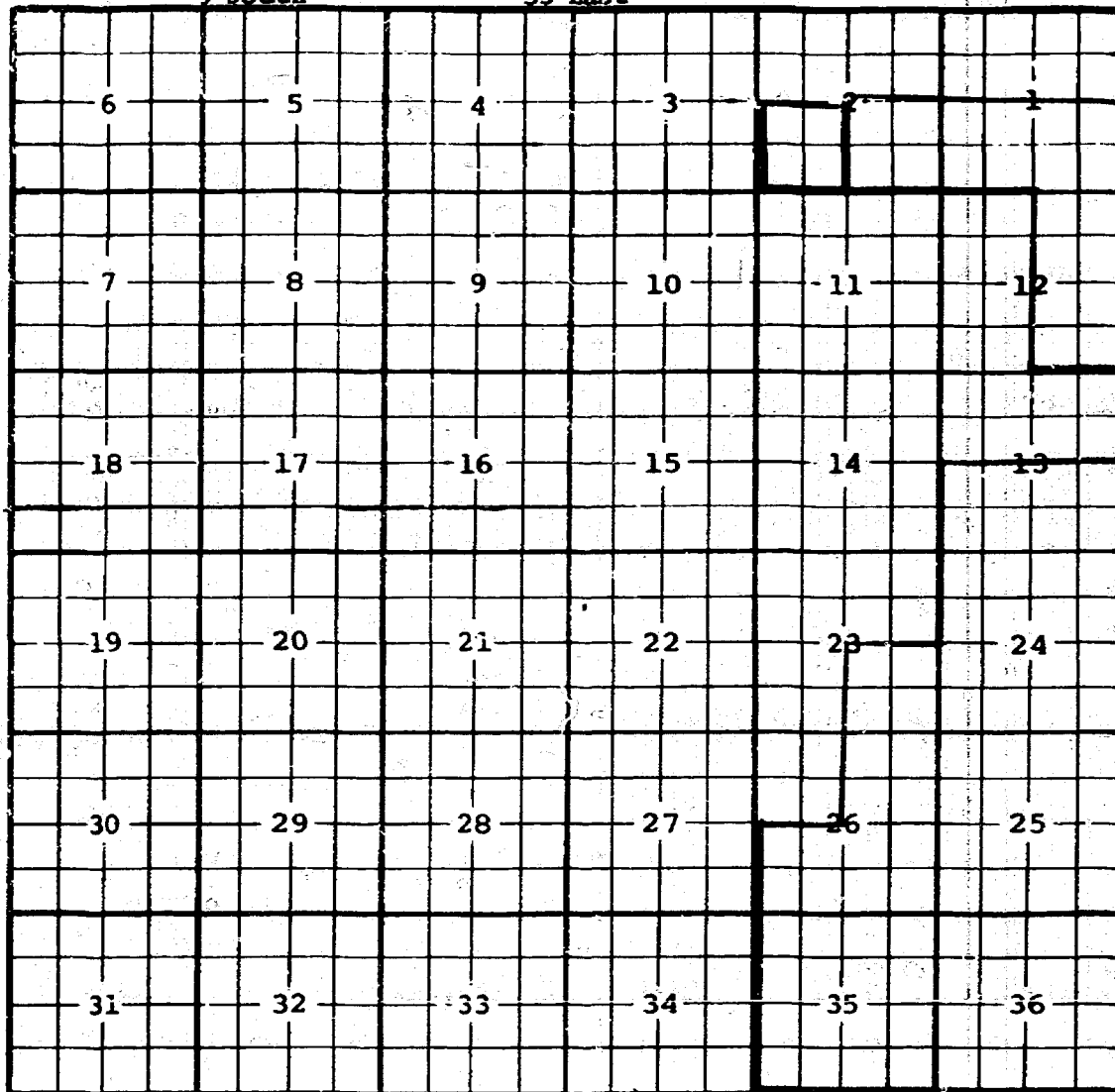
Pool boundary colored in red.

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

CASE 5172: (gg) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 9 South RANGE 33 East NMPM



PURPOSE: One completed oil well capable of producing.

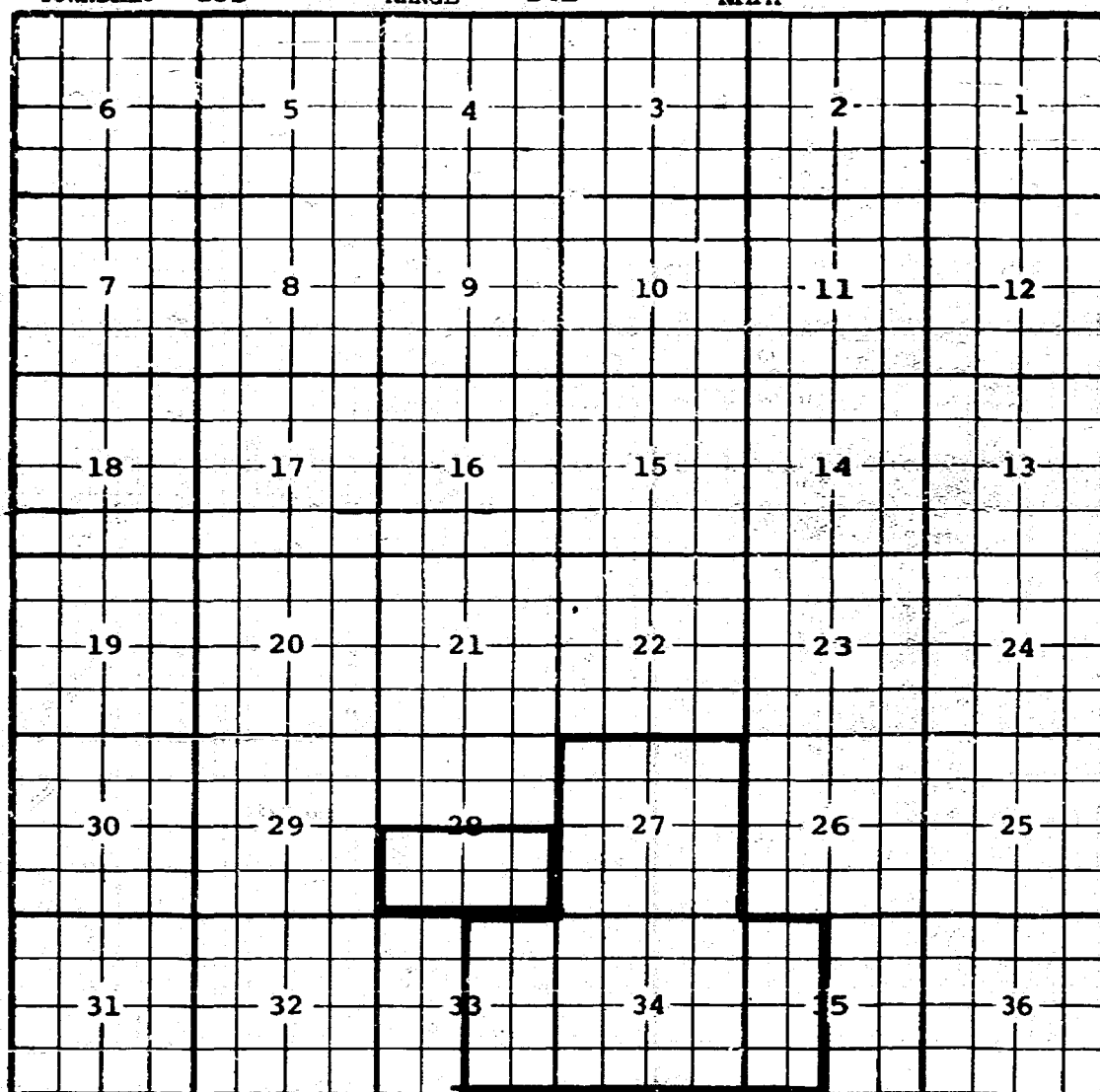
STALLWORTH OIL & GAS COMPANY - Midwest State #1 in Unit N of Section 2-9-33. Completed in Bough "C" on December 13, 1973. Top of Perforations 9532'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 2; SW/4

CASE 5172: (hh) EXTENSION OF AN EXISTING GAS POOL  
COUNTY Eddy POOL Washington Ranch-Morrow Gas

TOWNSHIP 25S RANGE 24E NMPM



Purpose: One completed gas well capable of producing

Operator	Lease	# & Ut.	S-T-R	Comp.	Form.	TOP
Cities Ser. Oil Co.	Government P 1-P	28-25-24	4-9-72	Morrow	7039	

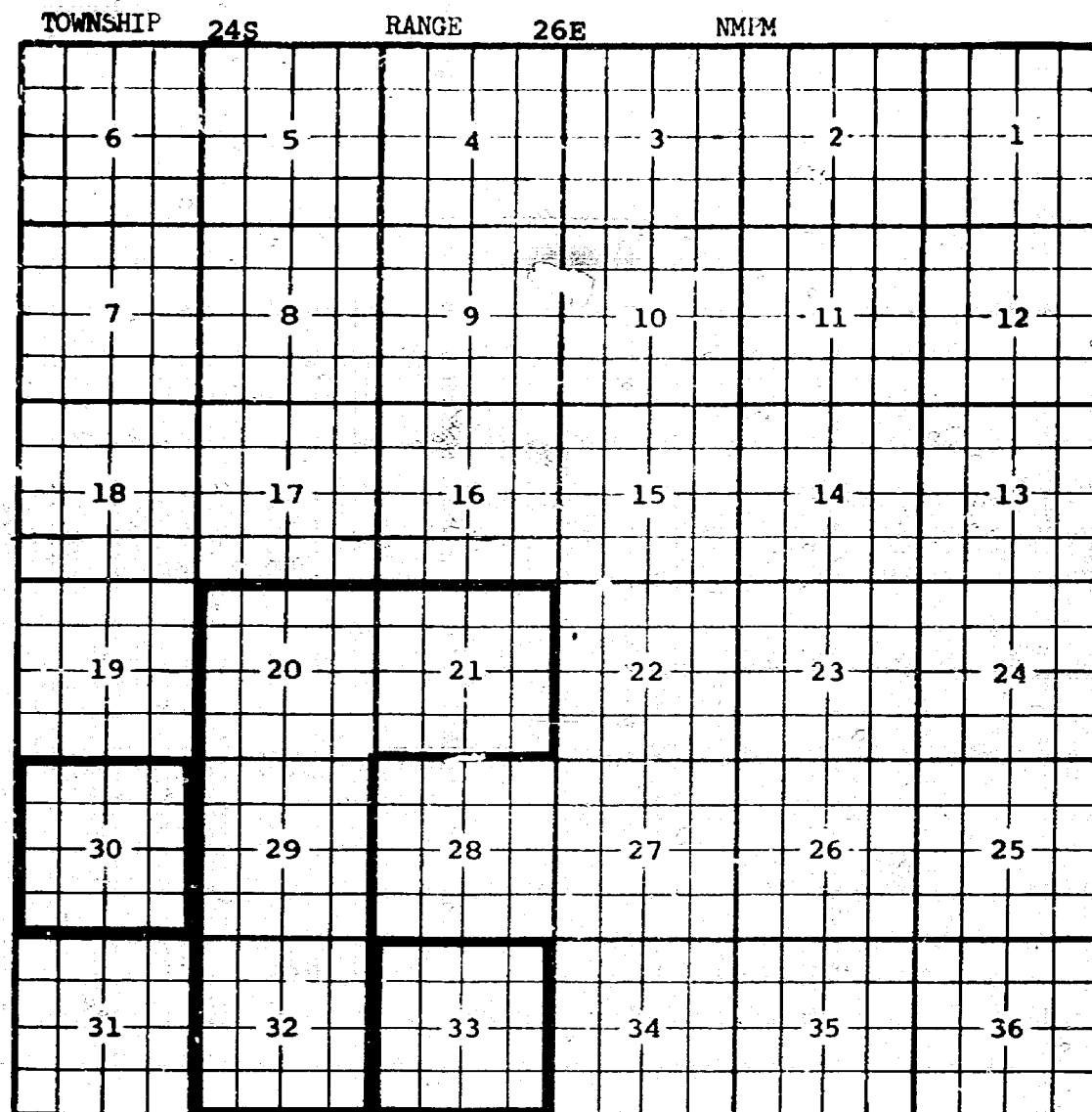
Pool boundary outlined in red

Proposed extension outlined in green

Sec. 28: S/2

CASE 5172: (11) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL White City-Pennsylvanian Gas



Purpose: Two completed gas wells capable of producing

Operator	Lease	# Ut. S.T.R.	Comp.	Form.	TOP
Texaco Inc.	J.M.Gates Fed.NCT-1	1-G 30-24-26,	9-19-73	Morrow	11335'
Addition "	White City Com	1-F 33-24-26	12-3-73	"	11024'

Pool boundary outlined in red.

Proposed extension outlined in green.

Addition Sec. 30: ALL  
Sec. 33: ALL

CASE 5172: (jj) EXTENSION OF AN EXISTING GAS POOL  
 COUNTY Eddy POOL Winchester-Morrow Gas

TOWNSHIP	19S	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.

Operator	Lease	# Ut.	S.T.R.	Comp.	Form.	TOP
Dorchester Expl.Inc.	Arco Fed.	1-E	34-19-28	10-16-73	Morrow	10937'

Pool boundary outlined in red.

Proposed extension outlined in green.

Sec. 34: W/2



NOMENCLATURE ADVERTISEMENT FOR JANUARY, 1974

CASE 5172 C22

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 County, New Mexico, the abolishment of a certain existing pool in Lea County, New Mexico, the contraction of certain existing pools in Eddy and Lea Counties, 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, contractions, and extensions should not be made.

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Upper Pennsylvanian production and designated as the Avalon-Upper Pennsylvanian Gas Pool. The discovery well is Atlantic Richfield Company, State BO Com No. 1 located in Unit G of Section 15, Township 21 South, Range 26 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
SECTION 15: N/2

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Rocky Arroyo-Atoka Gas Pool. The discovery well is El Paso Natural Gas Company, Patterson No. 1 located in Unit H of Section 30, Township 22 South, Range 22 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 30: E/2

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Canyon production and designated as the Rocky Arroyo-Canyon Gas Pool. The discovery well is El Paso Natural Gas Company, Rocky Arroyo C No. 1 located in Unit F of Section 8, Township 22 South, Range 22 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: W/2

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Winchester-Strawn Gas Pool. The discovery well is Hillin Production Company, JCW State Com No. 1 located in Unit C of Section 2, Township 20 South, Range 28 East, NMPM. Said pool ~~described as:~~ *would comprise:*

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

*f* ABOLISH the East Weir-Tubb Pool in Lea County, New Mexico, described as:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 12: E/2 and S/2 SW/4  
SECTION 13: N/2

*g* EXTEND the Monument-Tubb Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: E/2 SE/4  
SECTION 12: E/2 and SW/4  
SECTION 13: N/2

*h* *e* Create a new pool in Eddy County, New Mexico, designated as an oil pool for Delaware production and designated as the Indian Draw-Deleware Pool, and to consider the assignment of 16,300 barrels of oil discovery allowance to the discovery well of Indian Draw Production Company, Indian Draw Unit No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, Eddy County, New Mexico. (over)

Said pool would comprise:

Township 22 South, Range 28 East NMPM

Section 18: SE/4

*h* ~~g~~ CONTRACT the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of the following described area: ✓

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
SECTION 1: SE/4 SW/4  
SECTION 12: NW/4 NE/4

*i* ~~h~~ CONTRACT the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of the following described area: ✓

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
SECTION 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
SECTION 2: W/2 NE/4

*j* ~~h~~ EXTEND the West Atoka-Cisco Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM  
SECTION 11: S/2

*K* ~~h~~ EXTEND the West Atoka-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 18: N/2

*L* ~~h~~ EXTEND the Cabin Lake-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM  
SECTION 35: W/2

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM  
SECTION 2: N/2

*m* ~~h~~ EXTEND the Catclaw Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
SECTION 20: All

*n* ~~h~~ EXTEND the Cato-San Andres Pool in Chaves County, New Mexico, to include therein: ✓

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NMPM  
SECTION 25: SW/4  
SECTION 26: SE/4

~~*o* ~~h~~ EXTEND the Dos Hermanos-Morrow Gas Pool in Eddy County, New Mexico, to include therein:~~

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM  
SECTION 29: All

*o* ~~h~~ EXTEND the Burton Flats-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM  
SECTION 33: E/2  
SECTION 34: N/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
SECTION 4: Lots 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16

*p* ~~h~~ EXTEND the Burton Flats-Shawna Gas Pool in Eddy County, New Mexico to include therein: ✓

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

SECTION 34: S/2 SE/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM

SECTION 3: Lots 1 through 16

(Please return this to me for file - Ida)

~~g~~ EXTEND the South Empire-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 31: S/2

~~h~~ EXTEND the Fren Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 15: W/2 SW/4

~~i~~ EXTEND the Grayburg-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 28: S/2

~~j~~ EXTEND the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
SECTION 5: Lots 3, 4, 5, 6, 11, 12,  
13 and 14

~~k~~ EXTEND the Logan Draw-Morrow Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
SECTION 27: All

~~l~~ EXTEND the North Morton-Permo Pennsylvanian Pool in Lea County, New Mexico, to include therein: ✓

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 25: S/2  
SECTION 36: NE/4

~~m~~ EXTEND the Penasco Draw San Andres-Yeso Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 30: N/2

~~n~~ EXTEND the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein: ✓

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
SECTION 17: E/2

~~o~~ EXTEND the Red Lake-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein: ✓

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM  
SECTION 7: S/2  
SECTION 8: W/2

Nomenclature January, 1974

3 ~~ff~~ EXTEND the Rocky Arroyo-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM  
SECTION 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 4: N/2  
SECTION 5: All  
SECTION 8: W/2

22 ~~ff~~ EXTEND the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM  
SECTION 32: S/2  
SECTION 33: W/2

ck ~~ff~~ EXTEND the West Sawyer-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 23: NW/4

cc ~~ff~~ EXTEND the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM  
SECTION 2: S/2

dd ~~ff~~ EXTEND the North Shoebar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 13: NE/4

ee ~~ff~~ EXTEND the Square Lake Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 9: NE/4

ff ~~ff~~ EXTEND the North Vacuum-Abo Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM  
SECTION 1: KNW/4  
SECTION 15: N/2 SW/4

gg ~~ff~~ EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM  
SECTION 2: SW/4

ii ~~ff~~ EXTEND the White City-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM  
SECTION 30: All

Extend the Washington Ranch, Morrow Gas Pool in Eddy County, New Mexico, to include therein: TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM, Section 38: S/2

Nomenclature January, 1974

~~86~~ EXTEND the Winchester-Morrow Gas Pool in Eddy County, New Mexico, to include  
therein: ✓

jj

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM  
SECTION 34: W/2

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. 5172  
ORDER NO. R- 4734

THE APPLICATION OF THE OIL CONSERVATION  
COMMISSION UPON ITS OWN MOTION FOR AN  
ORDER CREATING, ABOLISHING, CONTRACTING,  
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 February 15, 1974, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this \_\_\_ day of February, 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 Upper Pennsylvanian formation, said pool to bear the designation of Avalon-Upper Pennsylvanian Gas Pool. Said Avalon-Upper Pennsylvanian Gas Pool was discovered by the Atlantic Richfield Company State B0 Com No. 1, located in Unit G of Section 15, Township 21 South, Range 27 East, NMPM. It was completed in the Upper Pennsylvanian formation on July 14, 1973. The top of the perforations is at 9280 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Rocky Arroyo-Atoka Gas Pool. Said Rocky Arroyo-Atoka Gas Pool was discovered by the El Paso Natural Gas Company Patterson No. 1, located in Unit H of Section 30, Township 22 South, Range 22 East, NMPM. It was completed in the Atoka formation on April 23, 1973. The top of the perforations is at 9030 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 Canyon formation, said pool to bear the designation of Rocky Arroyo-Canyon Gas Pool. Said Rocky Arroyo-Canyon Gas Pool was discovered by the El Paso Natural Gas Company Rocky Arroyo C No. 1, located in Unit F of Section 8, Township 22 South, Range 22 East, NMPM. It was completed in the Canyon formation on August 28, 1973. The top of the perforations is at 7292 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Winchester-Strawn Gas Pool. Said Winchester-Strawn Gas Pool was discovered by the Hillin Production Company JCW State Com No. 1, located in Unit C of Section 2, Township 20 South, Range 28 East, NMPM. It was completed in the Strawn formation on September 5, 1973. The top of the perforations is at 10,078 feet.

(6) That there is need 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 Indian Draw-Delaware Pool. Further, that the discovery well for said pool, the Amoco Production Company Old Indian Draw Unit No. 1, located in Unit J of Section 18, Township 22 South, Range 28 East, NMPM, is entitled to and should receive a bonus allowable in the amount of 16,300 barrels to be assigned over a two-year period. Said discovery well was completed in the Delaware formation on December 3, 1973. The top of the perforations is at 3260 feet.



(7) That there is need for the abolishment of the East Weir-Tubb Pool in Lea County, New Mexico, because the boundaries of said pool are now contiguous with the boundaries of the Monument-Tubb Pool. The abolished acreage will be placed in the Monument-Tubb Pool.

(8) That there is need for the contraction of the Wantz-Abo Pool in Lea County, New Mexico, by the deletion of certain acreage which was dedicated to two wells which have since been reclassified as Drinkard wells. Deleted acreage is already in the Drinkard Pool limits.

(9) That there is need for the contraction of the Winchester-Wolfcamp Pool in Eddy County, New Mexico, by the deletion of non-productive acreage from the pool.

(10) That there is need for certain extensions to the ~~Gas Pool in Lea County, New Mexico~~ the West Atoka-Cisco Gas Pool, the West Atoka-Morrow Gas Pool, the Burton Flat-Morrow Gas Pool, the Burton Flat-Strawn Gas Pool, the Cabin Lake-Morrow Gas Pool, the Catclaw Draw-Morrow Gas Pool, the South Empire-Morrow Gas Pool, the Fren-Seven Rivers Pool, the Grayburg-Morrow Gas Pool, the Golden Lane-Strawn Gas Pool, the Logan Draw-Morrow Gas Pool, the Penasco Draw San Andres-Yeso Pool, the Red Lake-Pennsylvanian Gas Pool, the Rocky Arroyo-Morrow Gas Pool, the Square Lake Pool, the Washington Ranch-Morrow Gas Pool, the White City-Pennsylvanian Gas Pool, and the Winchester-Morrow Gas Pool, all in Eddy County, New Mexico, the Monument-Tubb Pool, the North Morton-Permo Pennsylvanian Pool, ~~the Quail Ridge-Morrow Gas Pool~~, the South Salt Lake-Morrow Gas Pool, the West Sawyer-San Andres Pool, the Scharb-Bone Springs Pool, the North Shoe Bar-Strawn Pool, the North Vacuum-Abo Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

(11)  
(12)  
IT IS THEREFORE ORDERED:

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

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM  
SECTION 15: N/2

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

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 20: E/2

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

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM  
SECTION 8: W/2

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

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

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

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM  
SECTION 18: SE/4

(f) That the East Weir-Tubb Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
SECTION 12: E/2 and S/2 SW/4  
SECTION 13: N/2

is hereby abolished.

(a) That the proposed extension to the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, should be dismissed pending further study.

(11) That only a portion of the proposed extension to the Cats-San Andres Pool in Chaves County, New Mexico, should be made, and the remainder of the proposed extension should be dismissed.

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

SECTION 11: E/2 SE/4

SECTION 12: E/2 and SW/4

SECTION 13: N/2

(h) That the Wantz-Abo Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM

SECTION 1: SE/4 SW/4

SECTION 12: NW/4 NE/4

(i) That the Winchester-Wolfcamp Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following described area:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM

SECTION 35: S/2 SE/4

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

SECTION 2: W/2 NE/4

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

TOWNSHIP 18 SOUTH, RANGE 25 EAST, NMPM

SECTION 11: S/2

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM

SECTION 18: N/2

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

TOWNSHIP 21 SOUTH, RANGE 30 EAST, NMPM

SECTION 35: W/2

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM

SECTION 2: N/2

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

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM

SECTION 20: All

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

TOWNSHIP 7 SOUTH, RANGE 30 EAST, NMPM

SECTION 25: SW/4

SECTION 26: SE/4

*That the proposed extension of said pool to include therein:*

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM

SECTION 29: All

*TO BE  
DISMISSED  
is hereby dismissed.*

(o) 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 33: E/2

SECTION 34: N/2

~~(c) Extension to Burton Flat-Morrow Gas Pool continued:~~

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
SECTION 4: Lots 1, 2, 7, 8, 9, 10, 15 and 16

(p) That the Burton Flat-Strawn 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 34: S/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM  
SECTION 3: Lots 1 through 16

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 31: S/2

(r) That the Fren-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM  
SECTION 15: W/2 SW/4

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 28: S/2

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

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
SECTION 5: Lots 3, 4, 5, 6, 11, 12, 13 and 14

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
SECTION 27: All

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 25: S/2  
SECTION 36: NE/4

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

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM  
SECTION 30: N/2

*proposed extension to the*  
(x) That the Quail Ridge-Morrow Gas Pool in Lea County, New Mexico, ~~as heretofore classified, defined, and described, is hereby extended to include therein:~~ *is hereby dismissed.*

~~TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM~~  
~~SECTION 17: E/2~~

*Dismiss*

(y) 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 7: S/2

SECTION 8: W/2

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

TOWNSHIP 21 SOUTH, RANGE 22 EAST, NMPM

SECTION 33: S/2

TOWNSHIP 22 SOUTH, RANGE 22 EAST, NMPM

SECTION 4: N/2

SECTION 5: All

SECTION 8: W/2

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

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

SECTION 32: S/2

SECTION 33: W/2

(bb) That the West Sawyer-San Andres 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 21: NE/4

SECTION 23: NW/4

(cc) That the Scharb-Bone Springs Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM

SECTION 2: S/2

(dd) That the North Shoe Bar-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 13: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM

SECTION 9: NE/4

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM

SECTION 36: SW/4

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

SECTION 1: NW/4

SECTION 15: N/2 SW/4

(gg) 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 2: SW/4

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

TOWNSHIP 25 SOUTH, RANGE 24 EAST, NMPM  
SECTION 28: S/2

(ii) That the White City-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 30: A11  
SECTION 33: A11

(jj) That the Winchester-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 34: W/2

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, contractions, and extensions included herein shall be March 1, 1974.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX ARMIJO, Member

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

S E A L



J. C. Burton  
Division Engineer

DUCKET MAILED

Date

1-31-74

Amoco Production Company

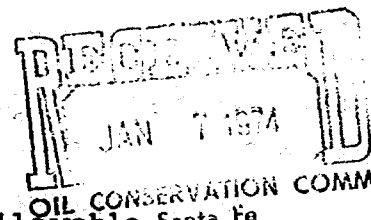
500 Jefferson Building  
P.O. Box 3092  
Houston, Texas 77001

Case 5-172

January 3, 1974

File: JHP-986.51NM-54

Re: Application for Discovery Allowable Santa Fe  
Indian Draw Unit Federal No. 1  
Eddy County, New Mexico



New Mexico Oil Conservation Commission (3)  
Box 2088  
State Land Office Bldg.  
Santa Fe, New Mexico 87501

Gentlemen:

Amoco Production Company is hereby filing Form C-109, "Application for Discovery Allowable and Creation of a New Pool" in triplicate, with the following items attached:

- (1) Well location map on the scale of 1" = 2000'
- (2) Well location map on the scale of 1" = 1000'
- (3) An electrical log of Amoco's Old Indian Draw Unit Federal No. 1 drilled to a depth of 12,450' in Eddy County, New Mexico, and completed as a pumping oil well from perforations 3260 to 3290 feet in the Delaware formation.

The nearest oil production is from the Union Oil of California's Tracy No. 1 located 3.6 miles to the Northwest in the Esperanza Delaware Field. The Tracy No. 1 is also completed in the Delaware formation but the productive area contains only the one well with three dry holes drilled on offset leases.

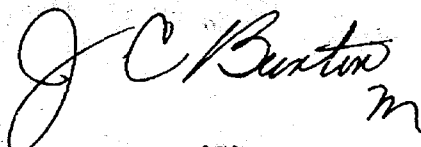
There is also vertical separation between the two wells. The Tracy No. 1 equivalent completion of 3417 to 3424 appears between 3900 and 3950 feet in the Discovery Well.

New Mexico Oil Conservation Commission  
January 3, 1974  
Page 2

Further definition of structural relationships is illustrated by the Tracy No. 1 completion about 450' below the top of the Cherry Canyon while the Discovery Well's completion is 150' above the top of the Cherry Canyon.

Each of the operators shown on Form C-109 has been furnished with copies of this application.

Very truly yours,

A handwritten signature in cursive script, appearing to read "J. C. Burton" with a small "m" or flourish at the end.

Attachments (3)

cc: Perry R. Bass, Inc. - Box 171, Midland, Texas 79701  
Marathon Oil Company - Box 552, Midland, Texas 79701  
P. R. Bass et al - Box 171, Midland, Texas 79701  
Cities Service Oil Company - Box 4906, Midland, Texas 79701  
Stoltz & Co. - 2402 Lockheed, Midland, Texas 79701

GFQ:as



**NEW MEXICO OIL CONSERVATION COMMISSION  
APPLICATION FOR DISCOVERY ALLOWABLE AND CREATION OF A NEW POOL**

Form C-109  
Adopted 9-1-66

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 COMM.

Operator <b>Amoco Production Company</b>		Address <b>P. O. Box 3092, Houston, Texas 77001</b>	
Lease Name <b>Old Indian Draw Unit Federal</b>		Well No. <b>1</b>	County <b>Eddy</b>
Well Location Unit Letter <b>J</b> : <b>1980</b> Feet from The <b>South</b> Line and <b>1980</b> Feet From the <b>East</b> Line of Section <b>18</b> Township <b>22-S</b> Range <b>28-E</b> NMPM			
Suggested Pool Names (List in order of preference) <b>1. Old Indian Draw Delaware Indian Draw Delaware Indian Draw</b>			
Name of Producing Formation <b>Delaware</b>		Perforations <b>3260 to 3290</b>	Date of Filing Form C-104 <b>12-17-73</b>
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? <b>No</b>		If Yes, Give Date of Filing	Date Well was Spudded <b>8-27-73</b>
Total Depth <b>12,450</b>		Plugged Back Depth <b>3385</b>	Depth Casing Shoe <b>5933</b>
Tubing Depth <b>3275</b>		Elevation (Gr., DF, RKB, RT, etc.) <b>3094 RKB</b>	
Oil Well Potential (Test to be taken only after all load oil has been recovered) <b>108</b> Bbls. Oil Per Day Based On <b>108</b> Bbls In <b>24</b> Hours; <b>5</b> Bbls Water Per Day Based On <b>5</b> Bbls			
In <b>24</b> Hours; Gas Production During Test: <b>Neg.</b> MCF; Gas-Oil Ratio: <b>Neg.</b> Method Of Producing: <b>Pump</b> Chk. <b>-</b>			

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 <b>Esperanza Delaware</b>	Name of Producing Formation <b>Delaware</b>	Top of Pay <b>3417</b>	Bottom of Pay <b>3424</b>	Currently Producing? <b>Yes</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool <b>3.6 miles NW</b>		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool		

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

Pool Name <b>Esperanza Delaware</b>	Top of Pay <b>3417</b>	Bottom of Pay <b>3424</b>	Currently Producing? <b>Yes</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool <b>3.6 miles NW</b>			

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

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

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

NAME	ADDRESS
Perry R. Bass, Inc.	Box 171, Midland, Texas 79701
Marathon Oil Company	Box 552, Midland, Texas 79701
P. R. Bass et al	Box 171, Midland, Texas 79701
Cities Service Oil Company	Box 4906, Midland, Texas 79701
Stoltz & Co.	2402 Lockheed, Midland, Texas 79701

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 Commission 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 Commission 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.

James H. Percy  
Signature

Staff Engineer (SG)

Position

1-3-74

Date