

CASE 5336:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

CASE No.

5336

Application,

Transcripts,

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico
October 2, 1974

EXAMINER HEARING

IN THE MATTER OF:

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

Case No. 5336

BEFORE: Daniel S. Nutter, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil
Conservation Commission:

Thomas Derryberry, Esq.
Legal Counsel for the
Commission
State Land Office Building
Santa Fe, New Mexico

I N D E X

PAGE

R. L. STAMETS
Direct Examination by Mr. Derryberry

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STAMETS-DIRECT

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MR. NUTTER: We will call Case No. 5336, which is the southeast nomenclature case calling for the creation and extension of certain pools in Chaves, Eddy and Lea Counties, New Mexico.

Are there appearances in this case?

MR. DERRYBERRY: Mr. Examiner, I am Tom Derryberry, representing the Commission. I have one witness to be sworn who has previously been sworn.

MR. NUTTER: The record will show Mr. Stamets is still under oath.

R. L. STAMETS

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

DIRECT EXAMINATION

BY MR. DERRYBERRY:

Q Would you please state your name and position for the record?

A R. L. Stamets, Technical Support Chief for the Oil Conservation Commission.

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

A Yes, I am.

STAMETS-DIRECT

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

A Yes, they are in the form of Exhibit A which is Paragraphs A through Z and AA through CC.

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 difference between the two?

A Yes. I would like to discuss a couple of these paragraphs in detail, but I think first, just to go through the docket and the overall exhibit.

Everything is identical to the docket except in Paragraph G, we have the addition of Section 31, the southwest quarter in Township 11 South, Range 33 East. In Paragraph K, we have the addition of Section 9, the south half, in Township 21 South, Range 27 East. And in Paragraph S, we have the addition of Section 31, the east half, Section 32, the west half in Township 20 South, Range 30 East. In all other respects, the exhibit is identical to the docket.

Now, I indicated that a couple of these paragraphs needed to be mentioned here. This would be Paragraph B and A relative to the Avalon Pool to be created, and

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Paragraph M, the Catclaw Draw paragraph. The Catclaw Draw Pool was most recently the subject of Case No. 4548, and considered at that time were the proper horizontal limits of the Catclaw Draw Pool. At that time, there was considerable evidence presented relative to structures and pressures existent in the area and in the Avalon area which lies to the east of the Catclaw Pool. The Commission's own staff agreed with the evidence presented at that time and also pressures have been submitted independently to the Commission that tend to verify all of the evidence that was presented at that Hearing, and a result of this is that definite limits for the Catclaw Draw-Morrow Gas Pool have been established at this Hearing for the eastern margin of the pool. There were already existing definite limits on the north end and on the west side due to both the structure and dry holes. The only area that is not completely defined in the Catclaw Draw-Morrow Gas Pool at this time is to the southwest.

The wells which are completed in the Morrow formation east of the Catclaw Pool which might normally be considered as a part of the Catclaw Pool because of their proximity, have been placed in the Avalon-Morrow Gas Pool and are being developed on 320-acre spacing. These

STAMETS-DIRECT

wells, due to pressure and structure information as well as water information, have been classified as a separate Morrow Gas Pool. And, of course, also, there is the Avalon-Strawn. It is not really a problem. It just happens to be in the same area.

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

A No.

MR. DERRYBERRY: At this time, I would like to ask that the records in Cases 4548 and 5311 be included in the record for purposes of arriving at a decision on the Catclaw-Morrow Pool.

MR. NUTTER: What was the date of those hearings, Mr. Derryberry?

MR. DERRYBERRY: 4548 was on September 4, 1974 as was Case 5311.

MR. NUTTER: The record in Cases 4548 and 5311, both heard September 4th, will be incorporated in the record of this case.

Do you have anything further in this case?

MR. DERRYBERRY: The Commission has received a telegram from the Atlantic Richfield Company which I will read in full:

(Reading) In regard to Case 5336 to be held October 2nd, 1974, concerning nomenclature of certain pools in Eddy County, New Mexico, and in particular, the Avalon-Morrow Gas Pool, Arco requests special consideration be given to those operators, who in good faith filed and completed wells in accordance with Catclaw Draw field rules and dedicated 640 acres to said wells. Arco recommends that those operators be given six months from the effective date of the establishment of new pools in order to comply with the new field regulations. This is requested in order that an operator may not lose any leases as a result of new spacing regulations and that he not be required to immediately drill any wells merely to protect leases from expiration. (End of reading.)

MR. NUTTER: Thank you. Does anyone else have anything further of this witness?

MR. DERRYBERRY: No.

MR. NUTTER: You may be excused.

(Witness dismissed.)

MR. NUTTER: Does anyone have anything they wish to offer in Case No. 5336? We will take the case under advisement.

STATE OF NEW MEXICO)
COUNTY OF SANTA FE) SS.

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
COURT REPORTER

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5336, heard by me on 10/10/74, 1974.

James H. ... 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. 5336
Order No. R-4861

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING 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 October 2, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 9th day of October, 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 Morrow formation, said pool to bear the designation of Avalon-Morrow Gas Pool. Said Avalon-Morrow Gas Pool was discovered by the David Fasken El Paso 3 Federal Well No. 1, located in Unit K of Section 3, Township 21 South, Range 26 East, NMPM. It was completed in the Morrow formation on September 11, 1973. The top of the perforations is at 10,708 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 Strawn formation, said pool to bear the designation of Avalon-Strawn Gas Pool. Said Avalon-Strawn Gas Pool was discovered by the David Fasken El Paso 3 Federal Well No. 1, located in Unit K of Section 3, Township 21 South, Range 26 East, NMPM. It was completed in the Strawn formation on November 24, 1973. The top of the perforations is at 9847 feet.

(4) That there is need for the creation of a new gas pool in Chaves County, New Mexico, for the production of gas from the Mississippian formation, said pool to bear the designation of Denton Camp-Mississippian Gas Pool. Said Denton Camp-

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Mississippian Gas Pool was discovered by The Superior Oil Company Chatten & Muncy Well No. 1, located in Unit O of Section 18, Township 6 South, Range 28 East, NMPM. It was completed in the Mississippian formation on December 13, 1973. The top of the perforations is at 6436 feet.

(5) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of LaHuerta-Wolfcamp Pool. Said LaHuerta-Wolfcamp Pool was discovered by the Cities Service Oil Company Simpson A Well No. 1, located in Unit H of Section 29, Township 21 South, Range 27 East, NMPM. It was completed in the Wolfcamp formation on June 19, 1974. The top of the perforations is at 9007 feet.

(6) That there is need for certain extensions to the Double L-Queen Associated Pool and the Sams Ranch Grayburg-San Andres Gas Pool, both in Chaves County, New Mexico, the Atoka-Pennsylvanian Gas Pool, the Boyd-Morrow Gas Pool, the Burton Flat-Morrow Gas Pool, the Cabin Lake-Morrow Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Cemetary-Morrow Gas Pool, the Eagle Creek-San Andres Pool, the Golden Lane-Morrow Gas Pool, the Golden Lane-Strawn Gas Pool, the Los Medanos-Atoka Gas Pool, the McMillan Seven Rivers-Queen Pool, the Square Lake Grayburg-San Andres Pool, and the Winchester-Morrow Gas Pool, all in Eddy County, New Mexico, the Antelope Ridge-Morrow Gas Pool, the North Bagley-Pennsylvanian Pool, the South Bell Lake-Morrow Gas Pool, the Blinebry Oil and Gas Pool, the South Flying "M"-Pennsylvanian Pool, the Monument-Paddock Pool, the South Salt Lake-Morrow Gas Pool, the North Shoe Bar-Strawn Pool, the North Vacuum-Morrow Gas Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 33: S/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 3: Lots 1 through 16
Sections 4 and 5: All
Sections 8 and 9: All
Section 16: All
Section 21: All

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

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 3: Lots 1 through 16

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

TOWNSHIP 5 SOUTH, RANGE 28 EAST, NMPM
Section 18: S/2
Section 19: E/2

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

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 29: NE/4

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 21: S/2
Section 28: E/2

(f) That the Atoka-Pennsylvanian 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 10: E/2

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

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
Section 31: SW/4

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

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
Section 5: NW/4
Section 6: N/2

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 35: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
Section 16: N/2

(k) 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 21 SOUTH, RANGE 27 EAST, NMPM
Section 9: S/2
Section 14: 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 22 SOUTH, RANGE 30 EAST, NMPM
Section 1: S/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 25 EAST, NMPM
Section 27: All
Section 34: All

TOWNSHIP 22 SOUTH, RANGE 25 EAST, NMPM
Section 3: All

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM
Section 5: S/2

(o) That the Double L-Queen Associated Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
Section 2: All

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

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 13: E/2 SW/4

(q) That the South Flying "M"-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
Section 14: SE/4
Section 23: E/2

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

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 31: E/2

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 5: Lots 1, 2, 7, 8, 9, 10, 15
and 16

(s) 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 20 SOUTH, RANGE 30 EAST, NMPM
Section 29: S/2
Section 31: E/2
Section 32: W/2

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

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM
Section 1: N/2

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 1: SE/4 NE/4
Section 12: SE/4 NE/4

(v) That the Monument-Paddock 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 15: SW/4
Section 22: NW/4

(w) 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 21 SOUTH, RANGE 32 EAST, NMPM
Section 4: Lots 3, 4, 5 and 6

(x) That the Sams Ranch Grayburg-San Andres Gas Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM
Section 10: SE/4
Section 11: S/2
Section 14: N/2 and SE/4
Section 15: NE/4

(y) 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: SW/4

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(z) That the Square Lake Grayburg-San Andres 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: E/2 NW/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 7: W/2

(bb) 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: NW/4

(cc) That the Winchester-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 2: S/2

IT IS FURTHER ORDERED:

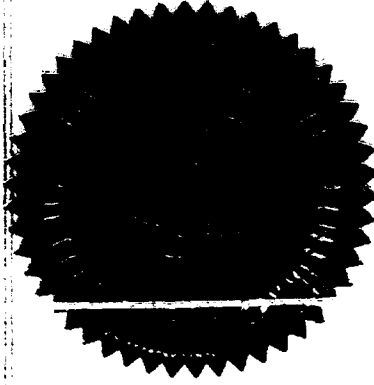
(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from 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 and extensions included herein shall be November 1, 1974.

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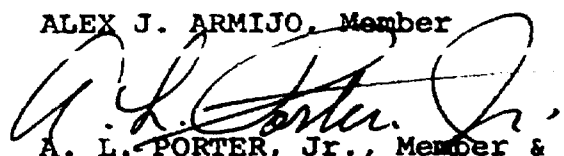
DONE at Santa Fe, New Mexico, on the day and year herein-
above designated.



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member


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

S E A L

dr/

Dockets Nos. 29-74 and 30-74 are tentatively set for hearing on October 16 and October 30. Applications for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - OCTOBER 2, 1974

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

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

CASE 5329: In the matter of the hearing called by the Oil Conservation Commission on its own motion to consider the amendment of Rule 109 of the Commission Rules and Regulations to require installation of blowout preventers on all drilling and workover rigs operating in areas of unknown pressures or high pressures and on all drilling and workover rigs operating within the corporate limits of any city, town, or village or within 1320 feet of a habitation, school, or church, wherever located.

CASE 5305: (Continued and Readvertised)

Application of Continental Oil Company for simultaneous dedication, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order approving the simultaneous dedication of its Britt B Well No. 17 located in Unit P of Section 10 and its Skaggs B Well No. 7 located in Unit K of Section 11, Township 20 South, Range 37 East, Eumont Gas Pool, Lea County, New Mexico, said wells to be dedicated to a 320-acre non-standard proration unit comprising the SE/4 of said Section 10 and the SW/4 of said Section 11, said unit having previously been approved by Commission Order No. R-908.

CASE 5330: Application of Texas Pacific Oil Company, Inc. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its J. H. Ansley Unit Well No. 1 to be located 660 feet from the North and East lines of Section 27, Township 17 South, Range 26 East, Kennedy Farms-Morrow Gas Pool, Eddy County, New Mexico, the N/2 of said Section 27 to be dedicated to the well.

CASE 4976: (Reopened)

In the matter of Case No. 4976 being reopened pursuant to the provisions of Order No. R-4638 to permit all operators in the West Parkway-Strawn and West Parkway-Atoka Gas Pools in Section 28, Township 19 South, Range 29 East, Eddy County, New Mexico, to appear and present evidence to clearly establish the nature of the reservoirs, proper rates of production for wells therein, and special rules therefor.

- CASE 5331: Application of J. Gregory Merrion for downhole commingling, Rio Arriba County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of Devils Fork-Mesaverde and Devils Fork-Gallup production in the wellbore of his NCRA State Wells Nos. 1 and 4 located in Units E and J, respectively, of Section 16, Township 24 North, Range 6 West, Rio Arriba County, New Mexico.
- CASE 5288: (Continued from the September 18, 1974, Examiner Hearing)
- Application of Merrion & Bayless for downhole commingling, San Juan County, New Mexico. Applicant, in the above-styled cause, seeks approval for the downhole commingling of hydrocarbon production from the top of the Gallup formation at 5434 feet to the base of the Dakota formation at 6570 feet in its Keeling Federal Well No. 1 located in Unit B of Section 20, Township 25 North, Range 8 West, Dufers Point-Dakota Pool, San Juan County, New Mexico.
- CASE 5332: Application of C & K Petroleum, Inc. for a unit agreement, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the West Airport Unit Area comprising 3,840 acres, more or less, of Federal, Fee and State lands in Township 22 South, Range 26 East, Eddy County, New Mexico.
- CASE 5333: Application of Mark Production Company for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of a gas well to be drilled 660 feet from the South and West lines of Section 9, Township 20 South, Range 25 East, Cemetery-Morrow Gas Pool, Eddy County, New Mexico, the S/2 of said Section 9 to be dedicated to the well.
- CASE 5334: Application of Stoltz, Wagner & Brown for directional drilling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to re-enter and clean out to a depth of approximately 8400 feet its H. L. Vinson Well No. 1, formerly Gulf Oil Corporation Vinson Well No. 2, the surface location of which is 1980 feet from the North and East lines of Section 22, Township 9 South, Range 36 East, Crossroads Siluro-Devonian Pool, Lea County, New Mexico, and to then directionally drill said well in such a manner as to bottom the well in the Devonian formation within a 180-foot radius of a point 2310 feet from the North line and 1320 feet from the East line of said Section 22.
- CASE 5337: Application of Keesee & Thomas for an unorthodox oil well location, Sandoval County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox location of its Chacon Jicarilla Apache "D" Well No. 1 located 870 feet from the North line and 1140 feet from the East line of Section 23, Township 23 North, Range 3 West, Sandoval County, New Mexico. Said well was projected at an orthodox location for a Basin-Dakota gas well, but was completed as an oil well in the Dakota formation.

CASE 5335: Northwestern nomenclature case calling for the creation and extension of certain pools in Rio Arriba, San Juan and McKinley Counties, New Mexico:

(a) Create a new pool in McKinley County, New Mexico, classified as an oil pool for Gallup production, designated the Arroyo Chico-Gallup Oil Pool. The discovery well is the Northern Minerals, Inc. Santa Fe Pacific Railroad Well No. 7 located in Unit G of Section 29, Township 16 North, Range 6 West, completed October 15, 1973. The depth of the casing shoe is 764 feet. Said pool would comprise:

TOWNSHIP 16 NORTH, RANGE 6 WEST, NMPM
Section 29: SW/4 NE/4

(b) Create a new pool in San Juan County, New Mexico, classified as a gas pool for Chacra production, designated the Bloomfield-Chacra Pool. The discovery well is the El Paso Natural Gas Company Hubbell Well No. 9, located in Unit P of Section 18, Township 29 North, Range 10 West. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 10 WEST, NMPM
Section 7: SW/4
Section 18: All
Section 19: All
Section 20: NW/4

TOWNSHIP 29 NORTH, RANGE 11 WEST, NMPM
Section 4: SW/4
Section 5: SE/4
Section 9: N/2 & SE/4
Section 10: S/2
Section 11: S/2
Section 12: W/2 & SE/4
Section 13: All
Section 14: E/2
Section 23: E/2
Section 24: All
Section 26: E/2

(c) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, designated the Campo-Gallup Pool. The discovery well is the Continental Oil Co. Conoco 29-4 Well No. 2 located in Unit H of Section 11, Township 29 North, Range 4 West. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 4 WEST, NMPM
Section 11: NE/4

(Case 5335 continued from Page 3)

(d) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Pictured Cliffs production, designated the Gobernador-Pictured Cliffs Pool. The discovery well is the Lone Star Industries, Inc. Schalk 52 Well No. 1 located in Unit M of Section 24, Township 29 North, Range 5 West. Said pool would comprise:

TOWNSHIP 29 NORTH, RANGE 5 WEST, NMPM
Section 24: All

(e) Create a new pool in Rio Arriba County, New Mexico, classified as a gas pool for Gallup production, designated the Rosa-Gallup Pool. The discovery well is the Merrion & Bayless Gibbins Well No. 1, located in Unit L of Section 20, Township 32 North, Range 5 West. Said pool would comprise:

TOWNSHIP 32 NORTH, RANGE 5 WEST, NMPM
Section 20: S/2
Section 28: SW/4
Section 29: E/2
Section 33: NW/4

(f) Extend the Aztec-Pictured Cliffs Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 10 WEST, NMPM
Section 15: SW/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 7: N/2

(g) Extend the Blanco-Mesaverde Pool boundary in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 2 WEST, NMPM
Section 16: All

(h) Extend the Blanco-Pictured Cliffs Pool boundary in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM
Section 7: All

TOWNSHIP 29 NORTH, RANGE 8 WEST, NMPM
Section 9: SW/4

TOWNSHIP 30 NORTH, RANGE 8 WEST, NMPM
Section 17: SW/4

TOWNSHIP 30 NORTH, RANGE 9 WEST, NMPM
Section 25: NE/4

TOWNSHIP 30 NORTH, RANGE 10 WEST, NMPM
Section 5: SW/4
Section 26: SE/4

(Case 5335 continued from Page 4)

TOWNSHIP 31 NORTH, RANGE 11 WEST, NMPM

Section 2: NW/4

Section 7: E/2

TOWNSHIP 32 NORTH, RANGE 11 WEST, NMPM

Section 19: E/2

Section 20: All

Section 21: W/2

Section 22: SE/4

(i) Extend the Gonzales-Mesaverde Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 25 NORTH, RANGE 6 WEST, NMPM

Section 1: NE/4

(j) Extend the Harris Mesa-Chacra Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 28 NORTH, RANGE 9 WEST, NMPM

Section 34: NE/4

(k) Extend the Largo-Chacra Pool boundary in Rio Arriba & San Juan Counties, New Mexico, to include therein:

TOWNSHIP 27 NORTH, RANGE 7 WEST, NMPM

Section 5: SW/4

Section 6: E/2

Section 7: E/2

Section 8: All

Section 9: W/2 & SE/4

Section 16: All

Section 17: All

Section 18: All

Section 19: N/2

Section 20: All

Section 21: All

Section 28: W/2

Section 29: N/2

Section 30: All

Section 33: W/2

TOWNSHIP 27 NORTH, RANGE 8 WEST, NMPM

Section 13: NE/4

Section 24: N/2

Section 25: E/2

TOWNSHIP 28 NORTH, RANGE 7 WEST, NMPM

Section 31: SE/4

(Case 5335 continued from Page 5)

(i) Extend the Otero-Chacra Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 6 WEST, NMPM
Section 36: NE/4

TOWNSHIP 26 NORTH, RANGE 7 WEST, NMPM
Section 24: E/2

(m) Extend the Tapacito-Pictured Cliffs Pool boundary in Rio Arriba County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 4 WEST, NMPM
Section 3: N/2
Section 4: N/2

TOWNSHIP 27 NORTH, RANGE 4 WEST, NMPM
Section 19: NW/4
Section 22: SE/4
Section 26: NW/4
Section 27: All
Section 28: All
Section 33: E/2
Section 34: All

TOWNSHIP 27 NORTH, RANGE 5 WEST, NMPM
Section 9: SE/4
Section 10: SW/4
Section 27: SE/4
Section 34: NE/4
Section 35: NW/4

(n) Extend the Tocito Dome-Pennsylvanian D Oil Pool boundary in San Juan County, New Mexico, to include therein:

TOWNSHIP 26 NORTH, RANGE 18 WEST, NMPM
Section 7: SW/4
Section 15: S/2 & NE/4
Section 20: NW/4
Section 22: N/2
Section 26: NE/4
Section 27: SE/4

CASE 5336: Southeastern nomenclature case calling for the creation and extension of certain pools in Chaves, Eddy and Lea Counties, New Mexico:

(a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated the Avalon-Morrow Gas Pool. The discovery well is the David Fasken El Paso Federal Well No. 1 located in the SW/4 NW/4 of Section 3, Township 21 South, Range 26 East, NMPM. Said pool would comprise:

(Case 5336 continued from Page 6)

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 33: S/2

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 3: Lots 1 through 16
Sections 4 and 5: All
Sections 8 and 9: All
Section 16: All
Section 21: All

(b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated the Avalon-Strawn Gas Pool. The discovery well is the David Fasken El Paso Federal Well No. 1 located in the SW/4 NW/4 of Section 3, Township 21 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 26 EAST, NMPM
Section 3: Lots 1 through 16

(c) Create a new pool in Chaves County, New Mexico, classified as a gas pool for Mississippian production and designated the Denton Camp-Mississippian Gas Pool. The discovery well is The Superior Oil Company Chatten & Muncy Well No. 1 located in Unit O of Section 18, Township 6 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 28 EAST, NMPM
Section 18: S/2
Section 19: E/2

(d) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated the LaHuerta-Wolfcamp Pool. The discovery well is the Cities Service Oil Company Simpson A Well No. 1 located in Unit H of Section 29, Township 21 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 29: NE/4

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 21: S/2
Section 28: E/2

(f) Extend the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
Section 10: E/2

(Case 5336 continued from Page 7)

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

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

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

TOWNSHIP 24 SOUTH, RANGE 31 EAST, NMPM
Section 5: NW/4
Section 6: N/2

(i) Extend the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 35: NE/4

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

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
Section 16: N/2

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

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 14: N/2

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

TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM
Section 1: S/2

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

TOWNSHIP 21 SOUTH, RANGE 25 EAST, NMPM
Section 27: All
Section 34: All

TOWNSHIP 22 SOUTH, RANGE 25 EAST, NMPM
Section 3: All

(Case 5336 continued from Page 8)

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

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM
Section 5: S/2

(o) Extend the Double L-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
Section 2: All

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

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
Section 13: E/2 SW/4

(q) Extend the South Flying M-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
Section 14: SE/4
Section 23: E/2

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

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 31: E/2

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM
Section 5: Lots 1 & 2, 7, 8, 9 & 10 and 15 & 16

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

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
Section 29: S/2

(t) Extend the Los Medanos-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM
Section 1: N/2

(u) Extend the McMillan Seven Rivers-Queen Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 1: SE/4 NE/4
Section 12: SE/4 NE/4

(Case 5336 continued from Page 9)

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
Section 15: SW/4
Section 22: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 4: Lots 3, 4, 5 and 6

- (x) Extend the Sams Ranch Grayburg-San Andres Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM
Section 10: SE/4
Section 11: S/2
Section 14: N/2 and SE/4
Section 15: NE/4

- (y) Extend the North Shoe Bar-Strawn Pool in Lea County, New Mexico, to include therein:

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

- (z) Extend the Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
Section 9: E/2 NW/4

- (aa) Extend the North Vacuum-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
Section 7: W/2

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

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

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

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

CASE 4548: (Reopened)

In the matter of Case No. 4548 being reopened on the motion of the Commission to consider the amendment of the special pool rules for the Catclaw Draw-Morrow Gas Pool, Eddy County, New Mexico, to limit the applicability of said special rules to the confines of the pool's horizontal limits.

NEW POOLS

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

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

Discovery well was David Fasken - El Paso 3 Federal #1 located in Unit K Section 3 Township 21S Range 26E and was completed on September 11, 1973. Top of perforations is at 10,708 feet.

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

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

Discovery well was David Fasken - El Paso 3 Federal #1 located in Unit K Section 3 Township 21S Range 26E and was completed on November 24, 1973. Top of perforations is at 9847 feet.

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

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

Discovery well was The Superior Oil Company - Chatten & Muncy #1 located in Unit 0 Section 18 Township 6S Range 28E and was completed on December 13, 1973. Top of perforations is at 5436 feet.

BEFORE EXAMINER NUTTER	
OIL CONSERVATION COMMISSION	
EXHIBIT NO.	<u>A</u>
CASE NO.	<u>5336</u>

NEW POOLS

d) It is recommended that a new oil pool be created and designated as the LAHUERTA-WOLFCAMP Pool.

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

Discovery well was Cities Service Oil Company - Simpson A #1 located in Unit H Section 29 Township 21S Range 27E and was completed on June 19, 1974. Top of perforations is at 9007 feet.

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

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

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

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

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

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

NEW POOLS

d) It is recommended that a new oil pool be created and designated as the LAHUERTA-WOLFCAMP Pool.

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

Discovery well was Cities Service Oil Company - Simpson A #1 located in Unit H Section 29 Township 21S Range 27E and was completed on June 19, 1974. Top of perforations is at 9007 feet.

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

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

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

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

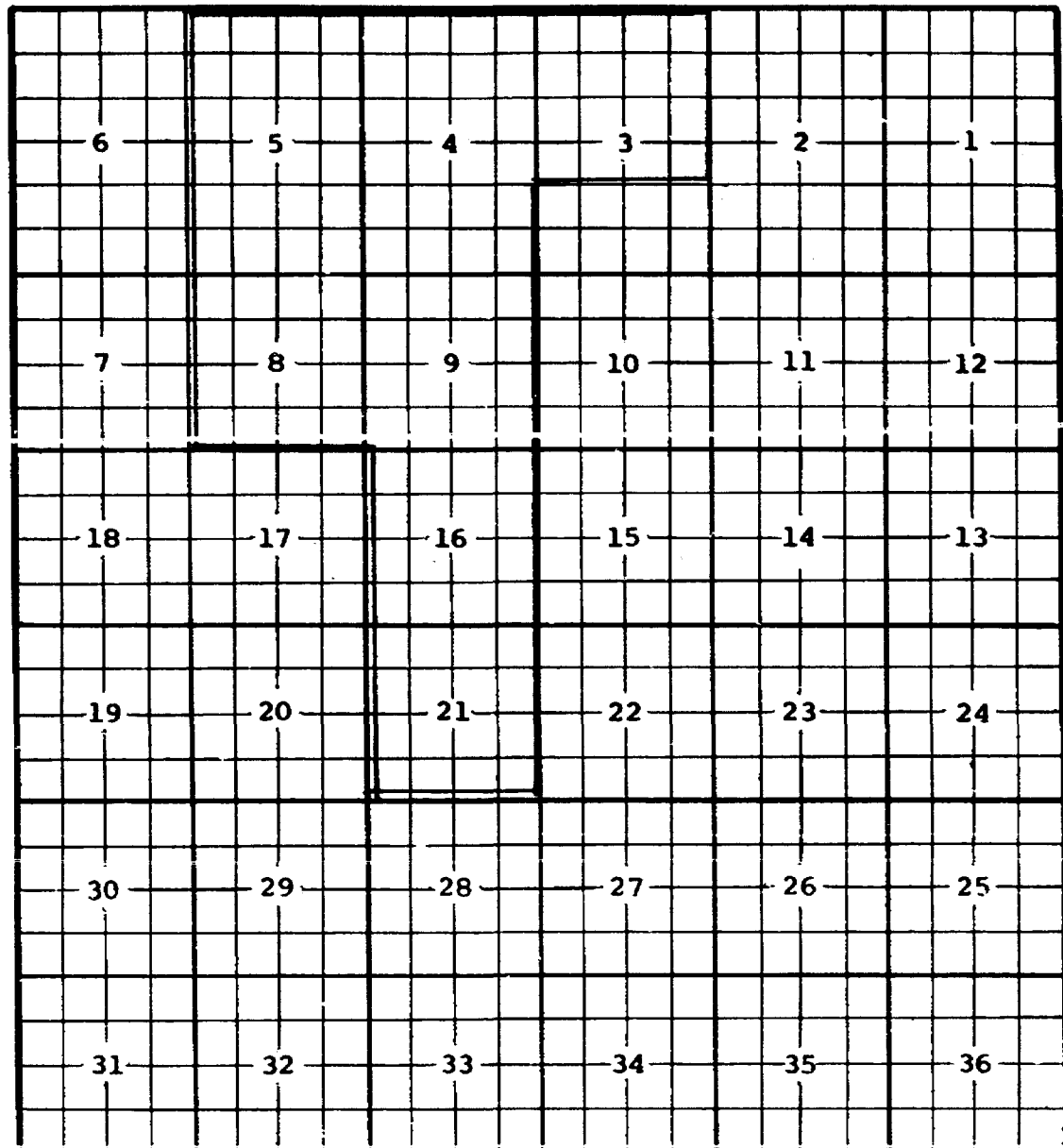
Vertical limits to be the _____ formation and the horizontal limits should be as follows: _____

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

CASE 5336: (a) CREATION OF A NEW GAS POOL (Continued on next page)

COUNTY Eddy POOL Avalon-Morrow Gas

TOWNSHIP 21S RANGE 26E NMPM



Purpose: 8 completed gas wells capable of producing.

Discovery well: David Fasken, El Paso 3 Federal #1-K, 3-21-26

Completed 9/11/73 through Morrow perms from 10708-726

Proposed pool boundary outlined in blue.

Sec. 3: Lots 1 through 16

Sec. 4: All

Sec. 5: All

Sec. 8: All

Sec. 9: All

Sec. 16: All

Sec. 21: All

CASE 5336: (a) CREATION OF A NEW GAS POOL (Continued)

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

Purpose: As stated on page one of this exhibit.

Proposed pool boundary outlined in blue.

Sec. 33: S/2

CASE 5336: (b) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Avalon-Strawn Gas

TOWNSHIP 21S RANGE 26E NMPM

A 6x6 grid with numbers 1-12 in the top row, 13-24 in the second row, 25-36 in the third row, and 37-48 in the fourth row. A 2x2 square is highlighted in the top-left corner of the grid.

Purpose: One completed gas well capable of producing.

Discovery well: David Fasken, El Paso 3 Fed. #1-K, 3-21-26
Completed 11/24/73 through Strawn perms from 9847-9922'.

Proposed pool outlined in blue.

Sec. 3: lots 1 through 16

CASE 5336: (c) CREATION OF A NEW GAS POOL

COUNTY Chaves POOL Denton Camp-Miss. Gas

TOWNSHIP	6S	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: Two completed gas wells capable of producing.

Discovery well: The Superior Oil Co., Chatten & Muncy #1-0, 18-6-28
Completed 12/13/73 through Miss perfs 6436-54'.

Proposed pool boundary outlined in blue.

Sec. 18: S/2

Sec. 19: E/2

CASE 5336: (d) CREATION OF A NEW OIL POOL

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

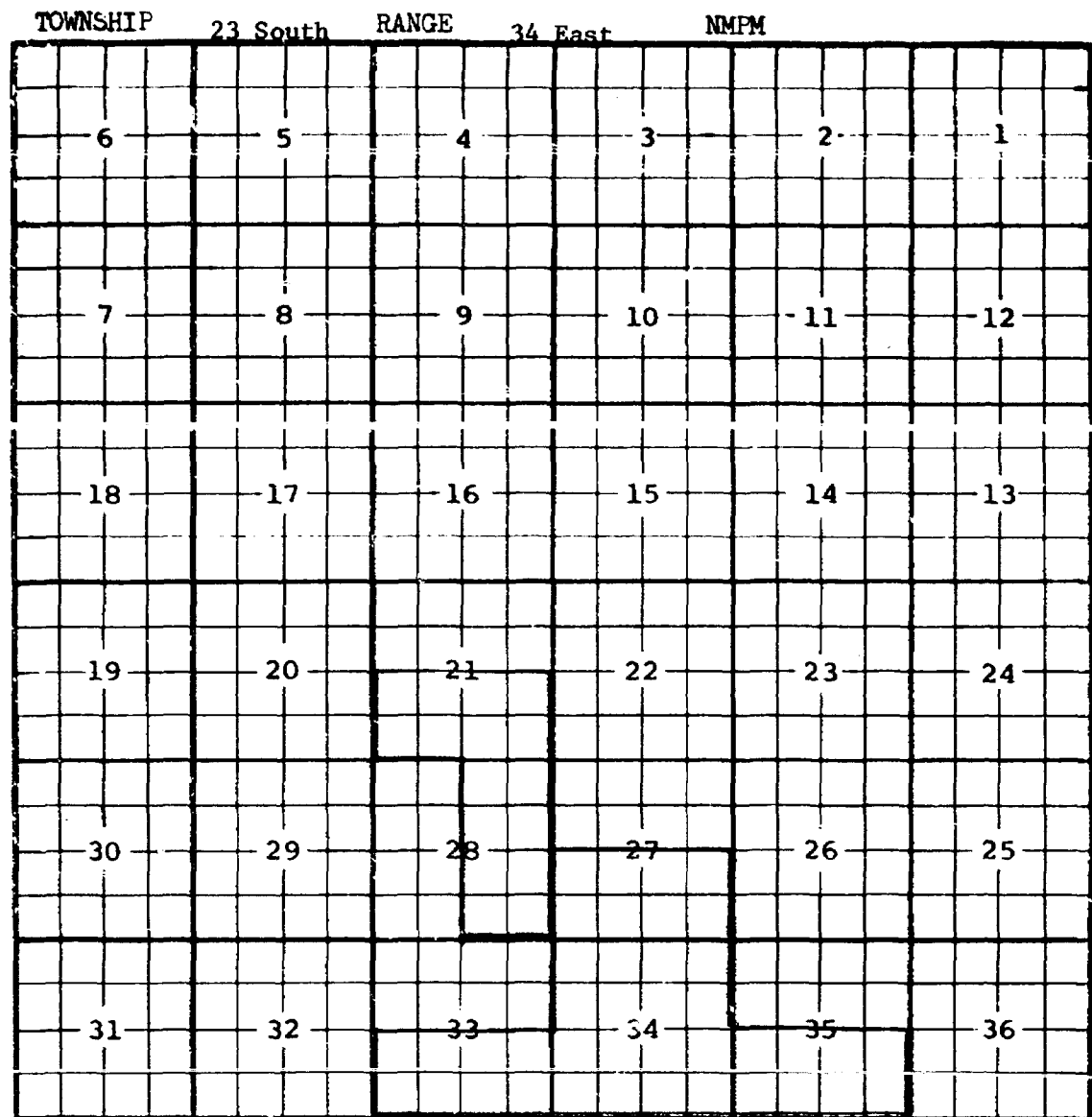
Purpose: One completed oil well capable of producing.

Discovery well: Cities Service Oil Co., Simpson A #1-H, 29-21-27
Completed 6/19/74 through Wolfcamp perfs 9007-31'.

Proposed pool boundary outlined in blue.

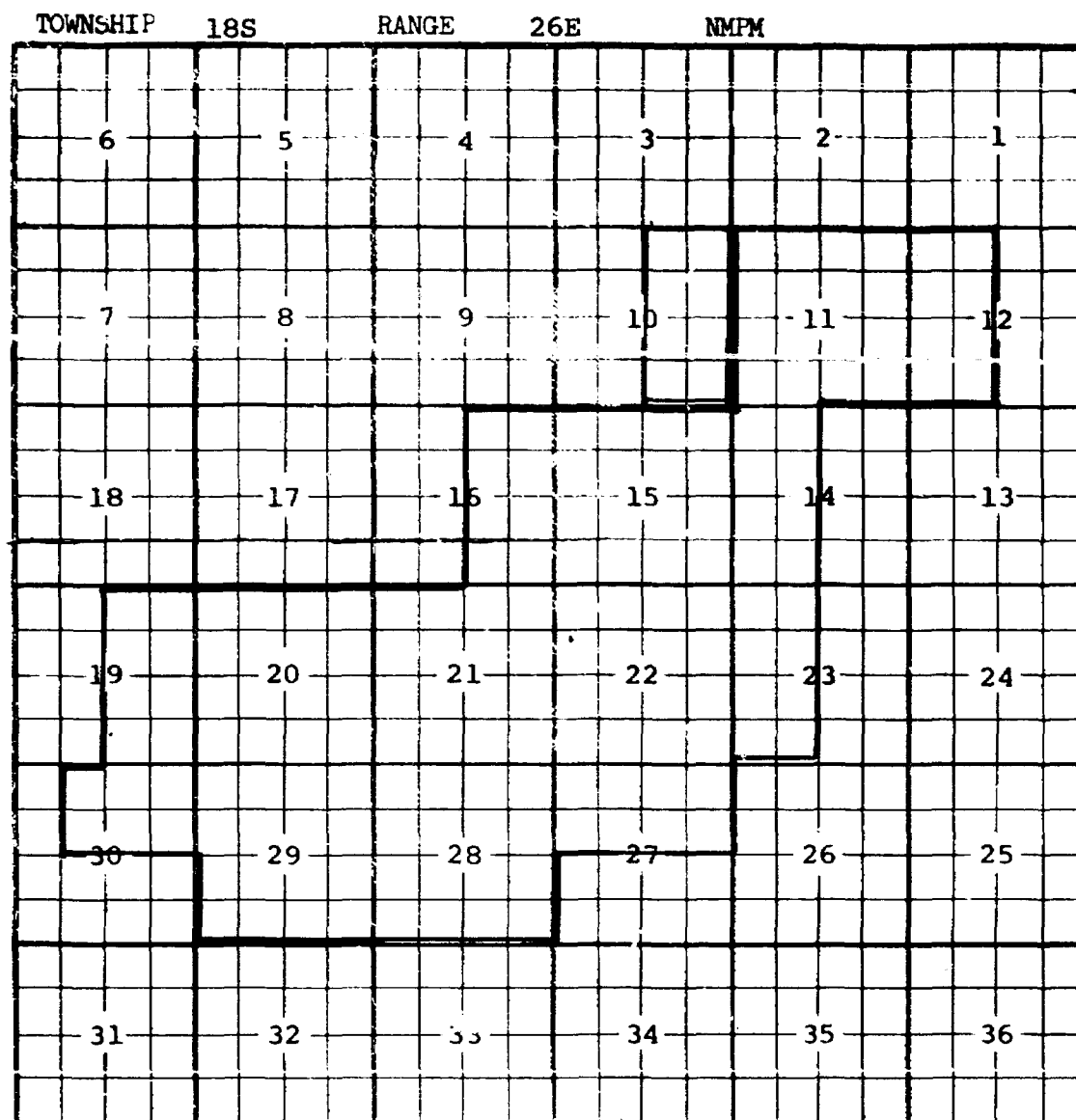
Sec. 29: NE/4

CASE 5336: (e) EXTENSION OF AN EXISTING GAS POOL
COUNTY LEA POOL ANTELOPE RIDGE-MORROW GAS



PURPOSE: One completed gas well capable of producing.
GREAT BASIN PETROLEUM COMPANY & AMERICAN FUELS CORPORATION - Antebellum
Unit #1 in Unit N of Section 21-23-34. Completed in Morrow on March 2,
1974. Top of Perforations 13,454'.
Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 21: S/2
SECTION 28: E/2

CASE 5336: (f) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Atoka-Pennsylvanian Gas



Purpose: One completed gas well capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.
David Fasken	Rogers 10 Com.	1-I	10-18-26	8-21-74	Morrow

TOP
8851

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 10: E/2

CASE 5336: (g) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)
COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN

TOWNSHIP 12 South **RANGE** 33 East **NMPM**

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern: Row 1 (right to left) contains 1, 2, 3, 4, 5, 6; Row 2 (left to right) contains 7, 8, 9, 10, 11, 12; Row 3 (right to left) contains 13, 14, 15, 16, 17, 18; Row 4 (left to right) contains 19, 20, 21, 22, 23, 24; Row 5 (right to left) contains 25, 26, 27, 28, 29, 30; Row 6 (left to right) contains 31, 32, 33, 34, 35, 36. A path of thick lines connects the following numbers in sequence: 6, 3, 10, 15, 16, 22, 27, 34, 35, 36.

~~PURPOSE: One completed oil well capable of producing.~~

~~BTA OIL PRODUCERS - Brewer 689 C Ltd. #3 in Unit C of Section 6-12-33.~~

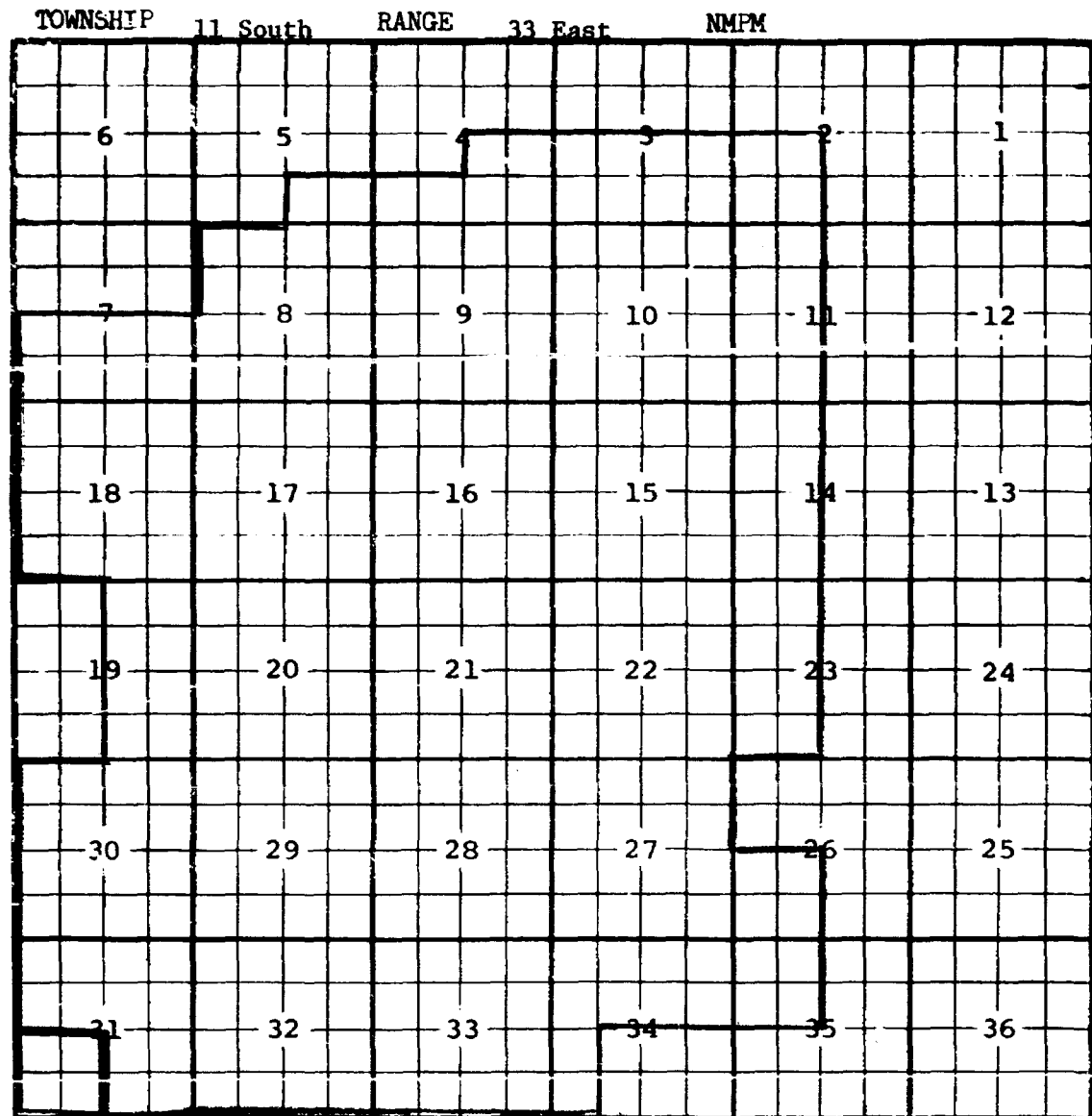
Completed in Pennsylvanian on August 10, 1974. Top of Perforations 9134'.

Pool boundary colored in red.

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

CASE 5336: (g) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL NORTH BAGLEY-PENNSYLVANIAN



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

ADDITION--BTA OIL PRODUCERS - LCH 689 C Ltd. #2 in Unit N of Section 31-11-33. Completed in Pennsylvanian on July 6, 1974. Top of Perforations 9111'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 31: SW/4

CASE 5336: (h) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL SOUTH BELL LAKE-MORROW GAS

TOWNSHIP	24 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 gas well capable of producing.
CONTINENTAL OIL COMPANY - Bell Lake Unit 3 #14 in Unit F of Section 5-24-34. Completed in Morrow on July 3, 1974. Top of Perforations 13,854'. Pool boundary colored in red.
Proposed pool extensions colored in green. SECTION 5: NW/4
SECTION 6: N/2

CASE 5336: (i) EXTENSION OF AN EXISTING OIL AND GAS POOL

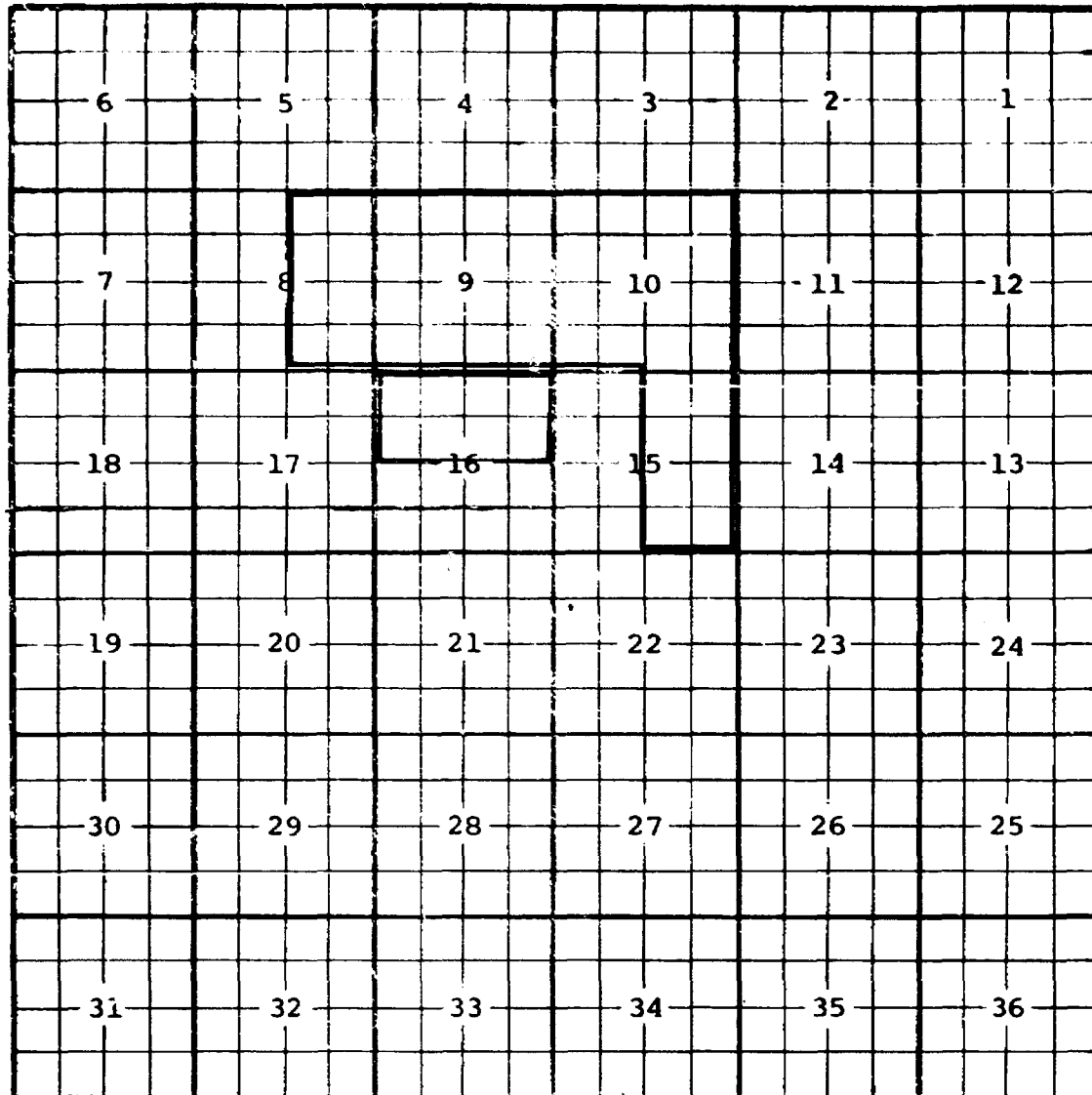
COUNTY I.E.A

POOL BLINERRY OIL AND GAS

TOWNSHIP		20 South		RANGE		38 East		NMPM	
6		5		4		3		2	
7		8		9		10		11	
18		17		16		15		14	
19		20		21		22		23	
30		29		28		27		26	
31		32		33		34		35	

CASE 5336: (j) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Boyd-Morrow Gas

TOWNSHIP 19S RANGE 25E NMPM



Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Coquina Oil Corp.	Boyd X Com.	1-A	16-19-25	6-3-74	Morrow	9180

Pool boundary outlined in red.

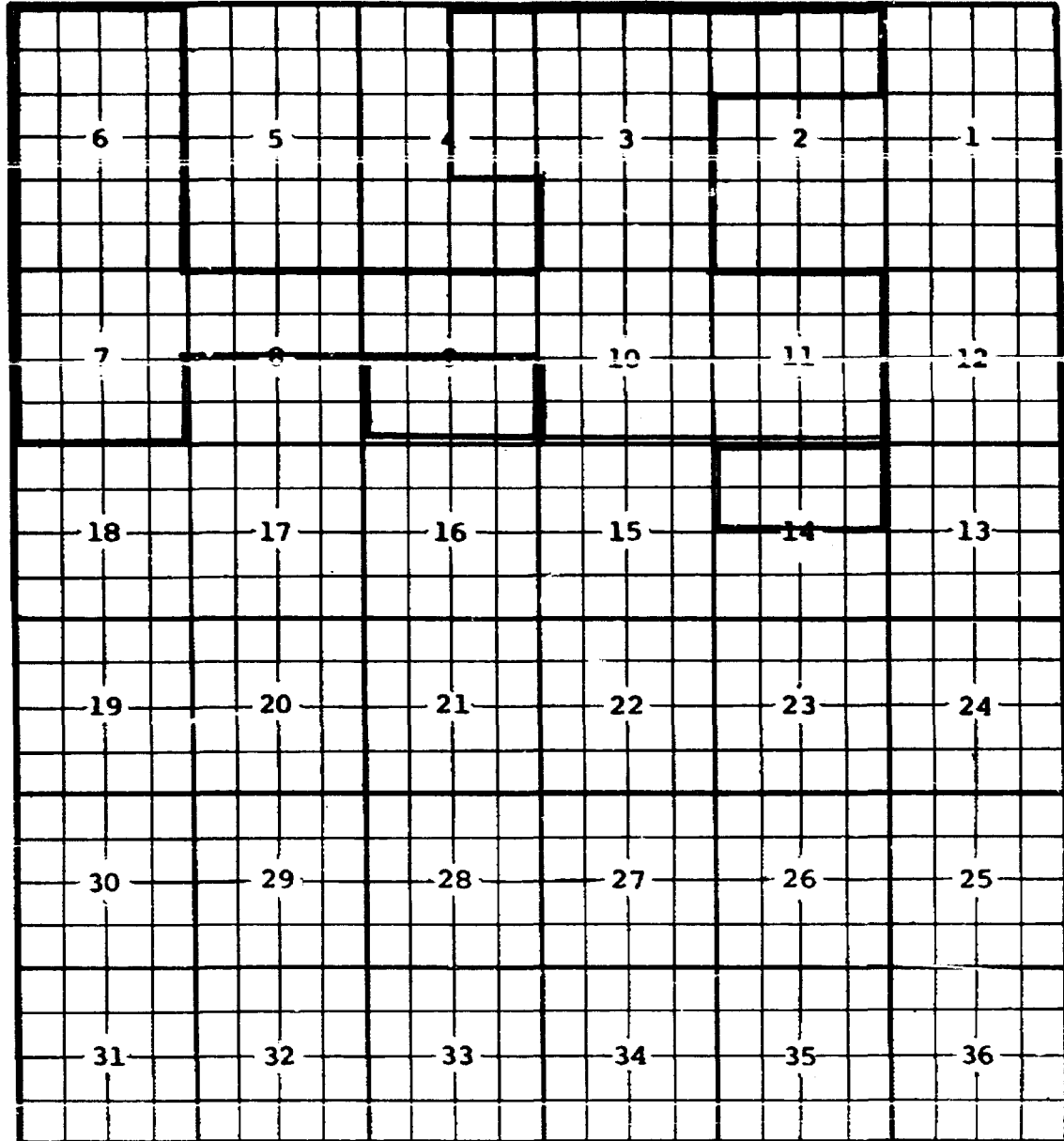
Proposed extension outlined in blue.

Sec. 16: N/2

CASE 5336 (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Burton Flat-Morrow Gas

TOWNSHIP 21S RANGE 27E NMPM



Purpose: Two completed gas wells capable of producing.

ADDITION

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
J.M.Huber Corp.	Allied State Com.	1-C	14-21-27	8-20-74	Morr	11428'
Cities Service Oil Co.	State CP Com	1-J	9-21-27	8-22-74	"	11382'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 14: N/2

ADDITION

Sec. 9: S/2

CASE 5336: (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Cabin Lake-Morrow Gas

TOWNSHIP 22S RANGE 30E NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right and moving left, then down to the next row, and so on. A 3x3 square is highlighted in the top right corner, covering the cells containing numbers 1, 2, 3, 10, 11, 12, 13, 14, and 15. The grid is composed of thin lines, while the highlighted square is defined by thicker lines.

Purpose: One completed gas well capable of producing.

<u>Operator</u>	<u>Lease #</u>	<u>Ut.</u>	<u>S.T.R.</u>	<u>Comp.</u>	<u>Form.</u>	<u>TOP</u>
Troporo Oil & Gas Co.	Cabana	1-N	1-22-30	7-8-74	Morrow	13543'

Pool boundary outlined in red.

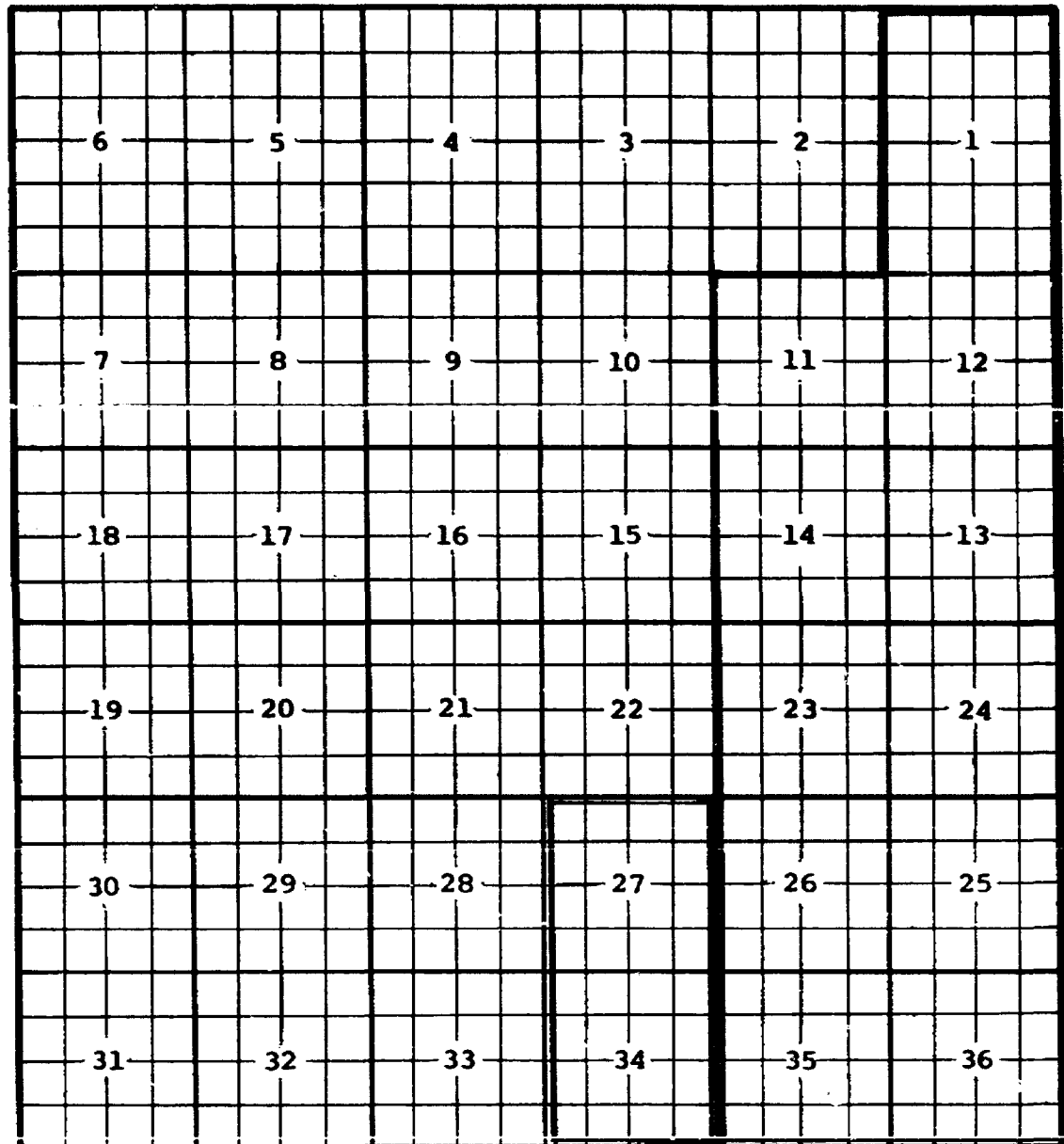
Proposed extension outlined in blue.

Sec. 1: S/2

CASE 5336: (m) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy POOL Catclaw Draw-Morrow Gas

TOWNSHIP 21S RANGE 25E NMPM



Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 27: All

Sec. 34: All

CASE 5336: (m) EXTENSION OF AN EXISTING GAS POOL (Continued)
COUNTY Eddy POOL Catclaw Draw-Morrow Gas

TOWNSHIP	22S	RANGE	25E	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

Proposed extension outlined in blue.

Sec. 3: All

CASE 5336: (n) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Cemetary-Morrow Gas

TOWNSHIP	20S	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.

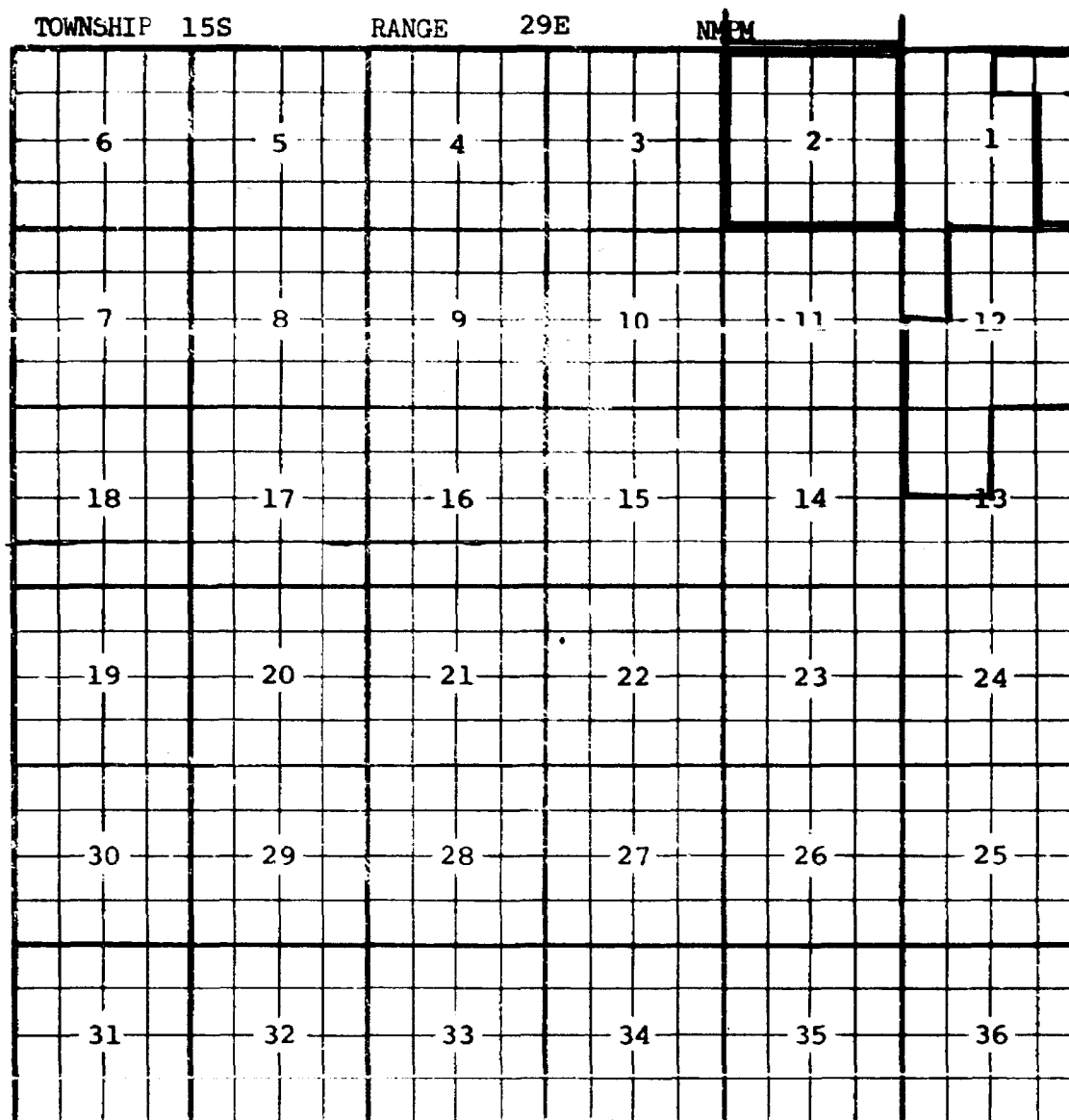
Operator Lease # & Ht. S.T.R. Comp. Form. TOP
Mark Prod.Co. N.M.Osage Com. 1-0 5-20-25 7/6/74 Morrow 9341

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 5: S/2

CASE 5336: (o) EXTENSION OF AN EXISTING ASSOCIATED POOL
COUNTY Chaves POOL Double L Queen-Associated



Purpose: Two completed gas wells capable of producing.

Operator	Lease #	Ut. S.T.R.	Comp.	Form.	TOP
Luttrell Oil Co.	State 1-A	2-15-29	11/21/70	Queen	1890'
Wood & Cockburn Inc.	State A 1-K	"	1/15/74	"	1913'

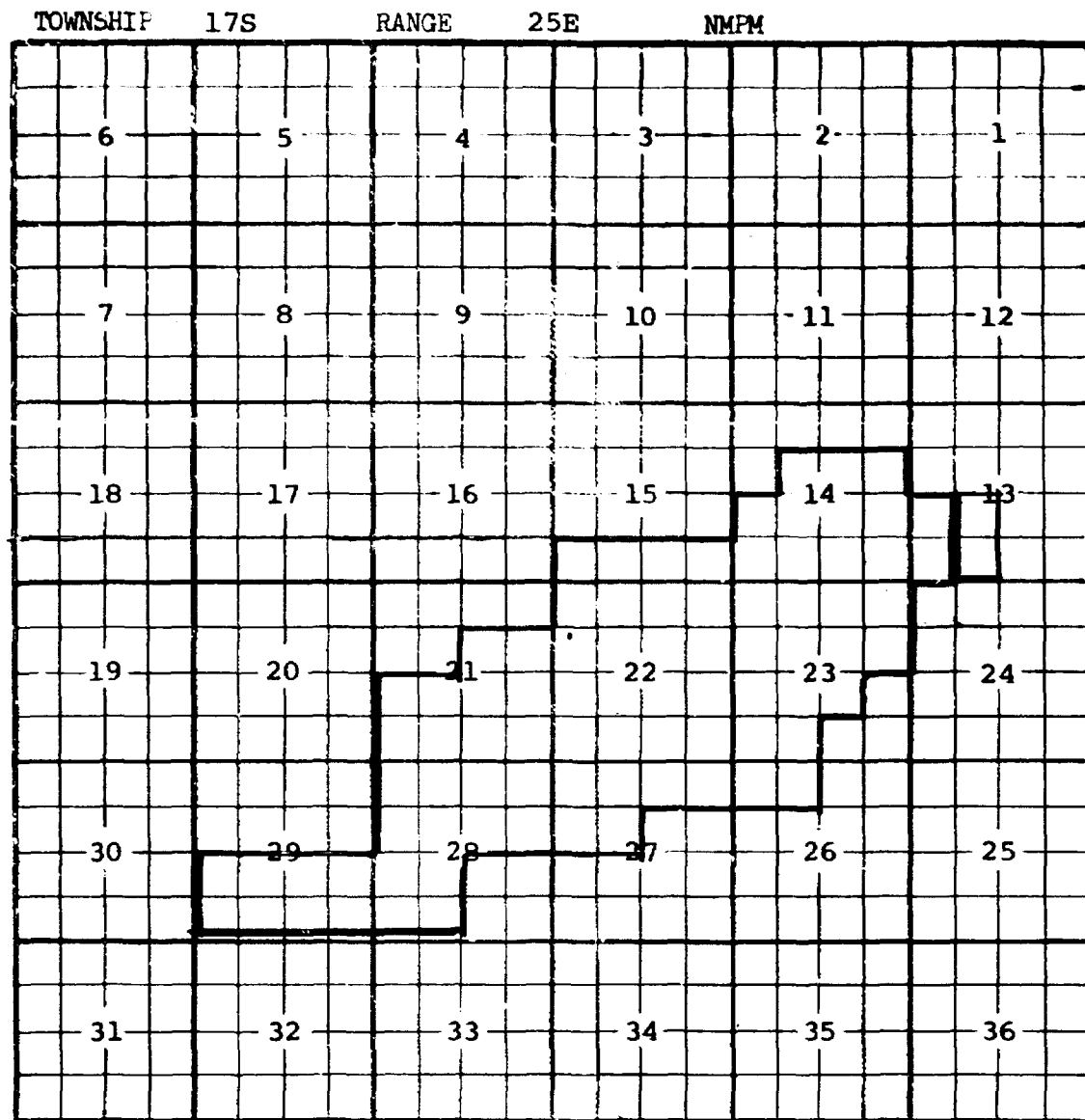
Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 2: All

CASE 5336: (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Eagle Creek-San Andres



Purpose: Two completed oil wells capable of producing.

Operator	Lease	# & Ut. S.T.R.	Comp.	Form.	TOP
Yates Pet. Corp.	Achen Frey DM	3-N 13-17-25	8/1/74	SA	1335'
"	"	4-K "	8/8/74	SA	1309'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 13: E/2 SW/4

CASE 5336: (q) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL SOUTH FLYING "M"-PENNSYLVANIAN

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

PURPOSE: One completed oil well capable of producing.

STALLWORTH OIL & GAS - Kellahim 14 State #1 in Unit I of Section 14-9-32.
Completed in Bough C on June 24, 1974. Top of Perforations 8866'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 14: SE/4

SECTION 23: E/2

CASE 5336: (r) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)
COUNTY Eddy POOL Golden Lane-Morrow Gas

TOWNSHIP		20S	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
Texas Intr.Pet.Corp.	Lowe Fed.	1-H	31-20-30	5/16/74	Morrow	12147'

Proposed extension outlined in blue.

Sec. 31: E/2

CASE 5336: (r) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Golden Lane-Morrow Gas

TOWNSHIP	21S	RANGE	29E	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

Pool boundary outlined in red.

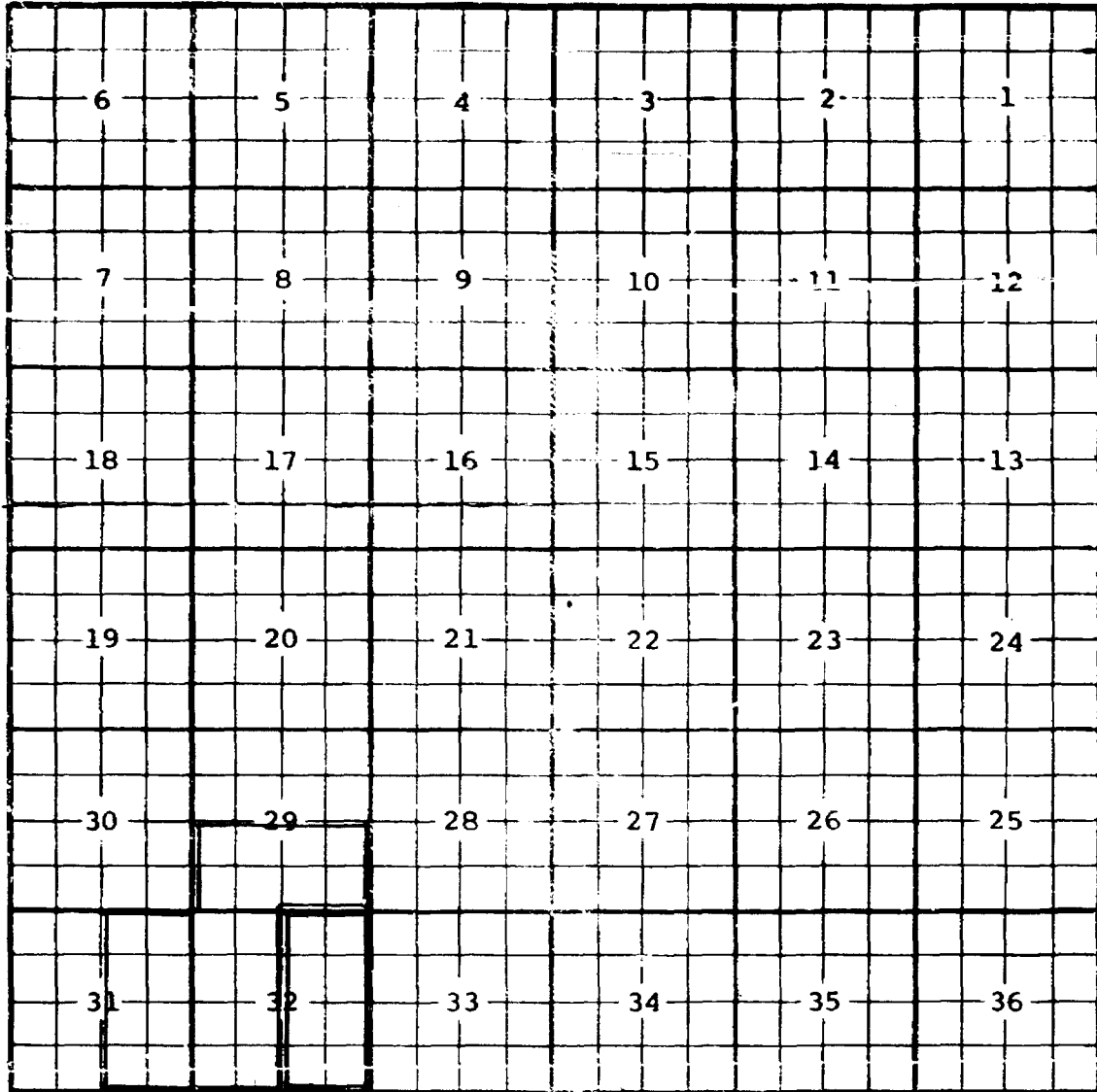
Proposed extension outlined in blue.

Sec. 5: Lots 1,2,7,8,9,10,15 & 16

CASE 5336: (s) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Golden Lane-Strawn Gas

TOWNSHIP 20S RANGE 30E NMPM



Purpose: Two completed gas wells capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Texas Inter.Pet.Corp.	Hudson Fed.	1-J	29-20-30	8/14/74	Strawn	11160'
"	Lowe Fed.	1 H	31-20-30	5/20/74	"	11105'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 29: S/2

Sec. 31: E/2

Sec. 32: W/2

CASE 5336: (t) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Los Medanos-Atoka Gas

TOWNSHIP	23S	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
Belco Pet.Corp.	Hudson Fed.Com.	1-F	1-23-30	8/8/74	Atoka	12989'

Pool boundary outlined in red.

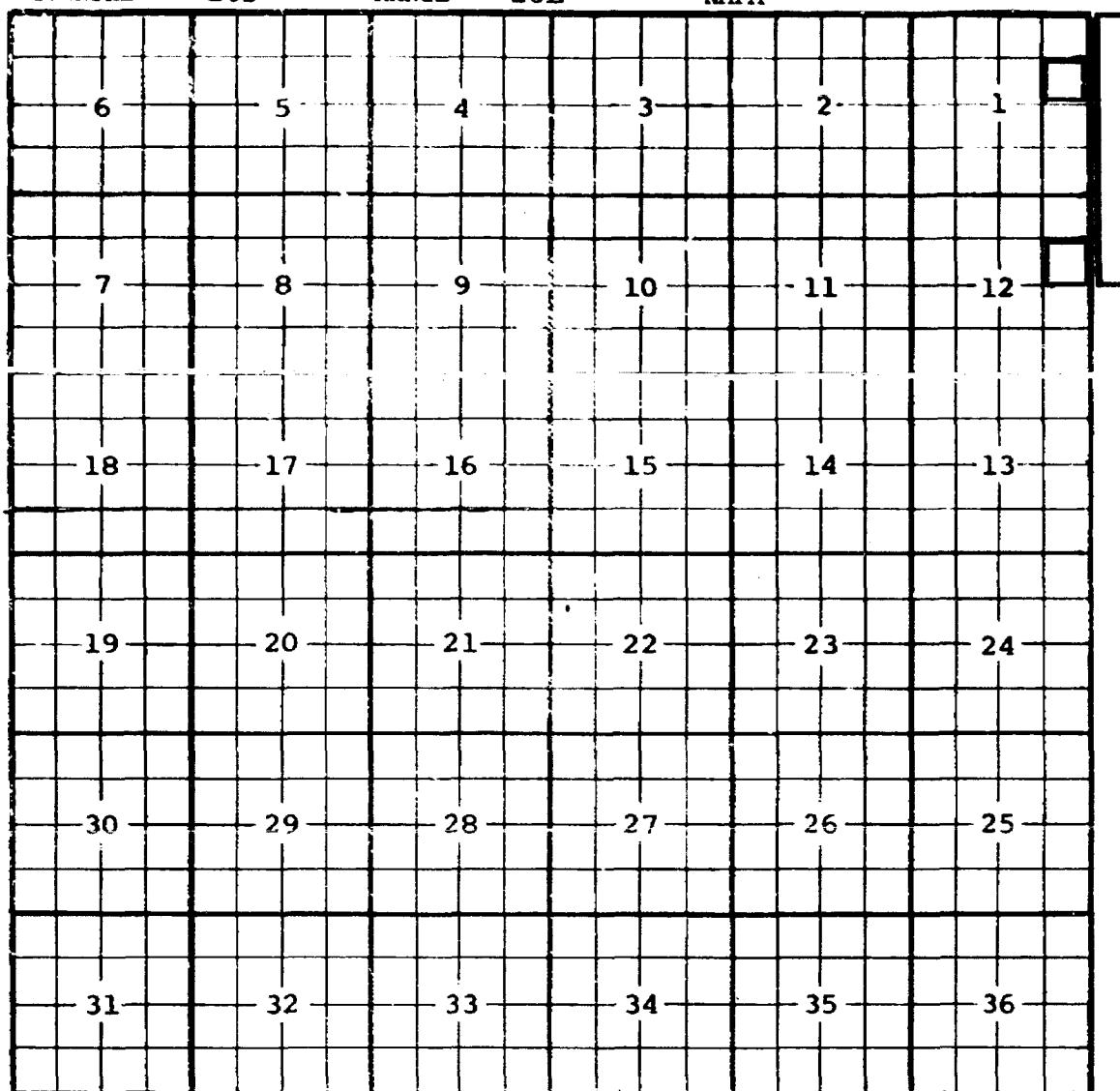
Proposed extension outlined in blue.

Sec. 1: N/2

CASE 5336: (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL McMillan Seven Rivers-Queen

TOWNSHIP 20S RANGE 26E NMPM



Purpose: Two completed oil wells capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Harvey E.Yates	McMillan Fed.	1-H	1-20-26	7/1/74	SR	245'
S.P.Yates	Riggs E	2-H	12-20-26	11/28/70	Q	655'

Pool boundary outlined in red.

Proposed extension outlined in blue.

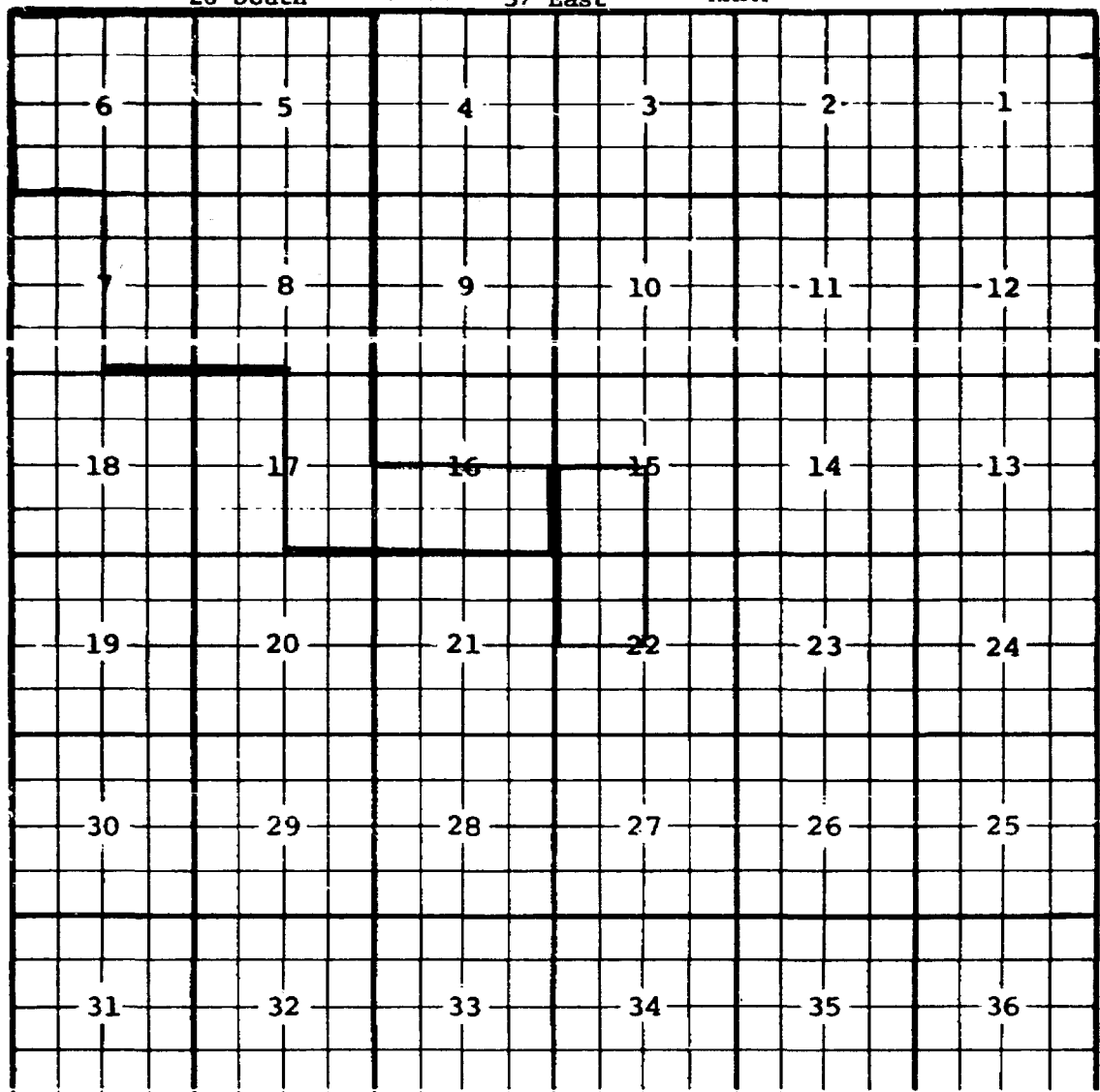
Sec. 1: SE/4 NE/4

Sec.12: SE/4 NE/4

CASE 5336: (v) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MONUMENT-PADDOCK

TOWNSHIP 20 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

AMOCO PRODUCING COMPANY - Gully B Federal R/A A #8 in Unit C of Section 22-20-37. Completed in Paddock on August 1, 1974. Top of Perforations 5140'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 15: SW/4

SECTION 22: NW/4

CASE 5336: (w) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH SALT LAKE-MORROW GAS

TOWNSHIP	21 South		RANGE		32 East		NMPM	
			4	3				
			5	6				
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.

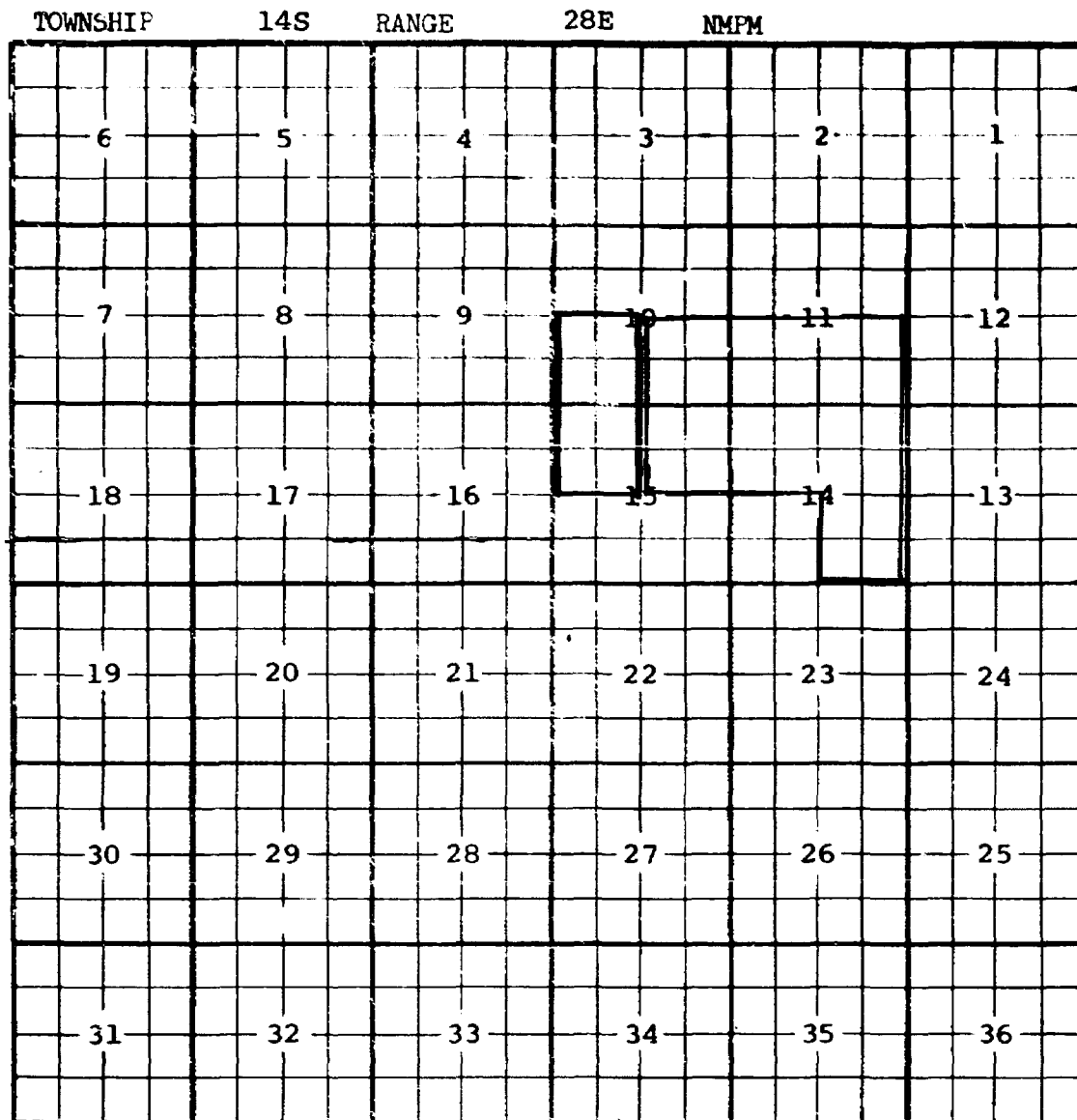
AMINI OIL COMPANY - New Mexico Federal #1 in Unit F of Section 4-21-32.

Completed in Morrow on April 27, 1973. Top of Perforations 13,640'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 4: Lots 3, 4, 5 and 6

CASE 5336: (x) EXTENSION OF AN EXISTING GAS POOL
COUNTY Chaves POOL Sams Ranch-Grayburg-San Andres Gas



Purpose: Three completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
R.L.Foree	State Com	1-O	11-14-28	4/22/74	GB	1833'
"	McClellan	1-J	14-14-28	7/31/73	GB	1870'
"	"	2-G	14-14-28	11/13/73	GB	1847'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 10: SE/4

Sec. 11: S/2

Sec. 14: N/2 & SE/4

Sec. 15: NE/4

COUNTY	LEA	POOL	NORTH SHOE BAR-STRAWN
--------	-----	------	-----------------------

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

MESA PETROLEUM COMPANY - Wiser #1 in Unit L of Section 13-16-35. Com-
pleted in Strawn on July 5, 1974. Top of Perforations 11,284'.

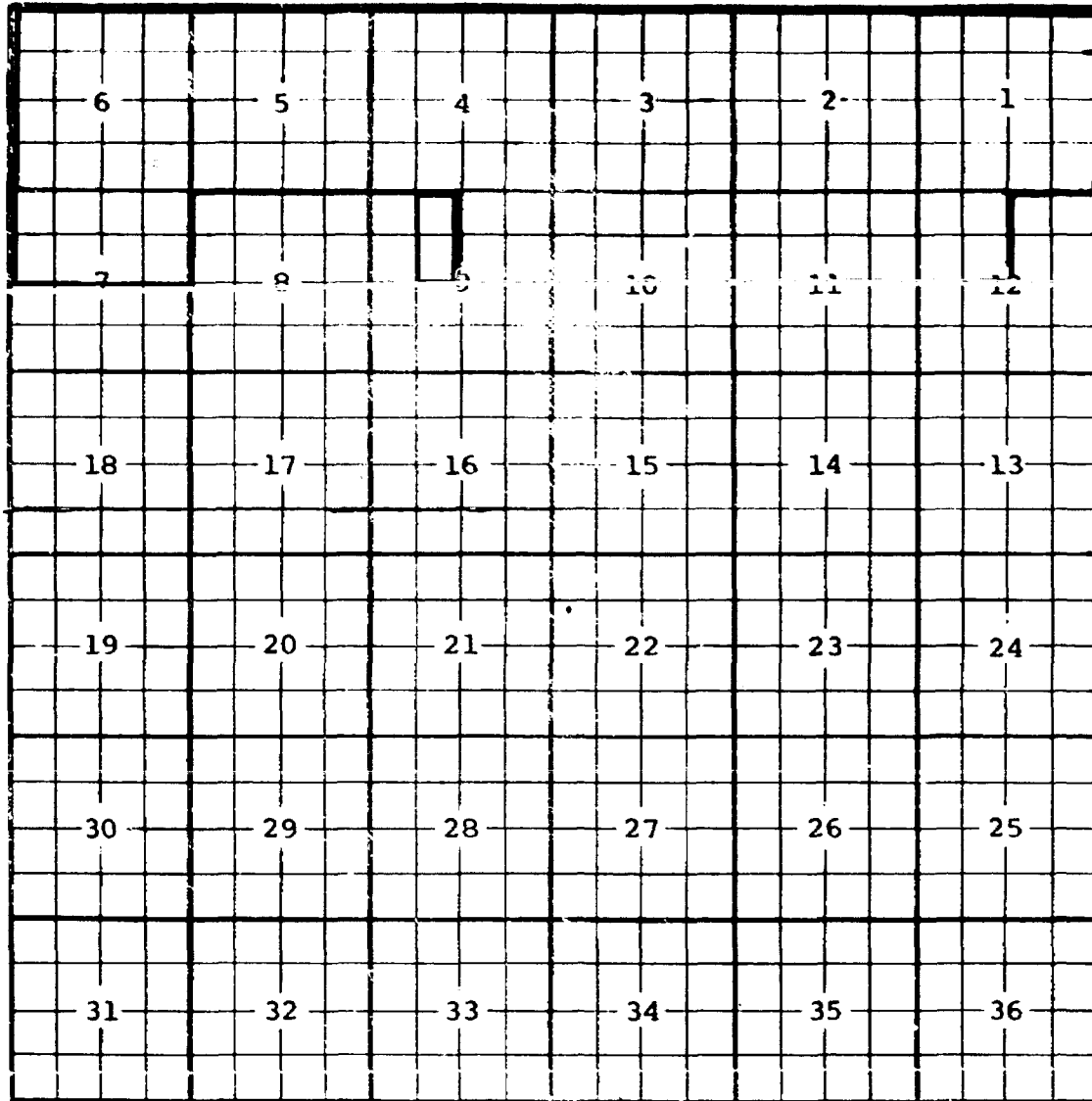
Proposed pool extension colored in green. SECTION 13: SW/4

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

CASE 5336: (z) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL Square Lake-Grayburg-San Andres

TOWNSHIP 17S RANGE 30E NMPM



Purpose: One completed oil well capable of producing.

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Armer Oil Co.	Arco Fed.	4-F	9-17-30	7/21/74	Gb.SA	2656

Pool boundary outlined red.

Proposed extension outlined in blue.

Sec. 9: E/2 NW/4

CASE 5336: (aa) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL NORTH VACUUM-MORROW GAS

TOWNSHIP	17 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 gas well capable of producing.

MOBIL OIL CORPORATION - State UU Com #1 in Unit F of Section 7-17-35.

Completed in Morrow on July 29, 1974. Top of Perforations 11,802'.

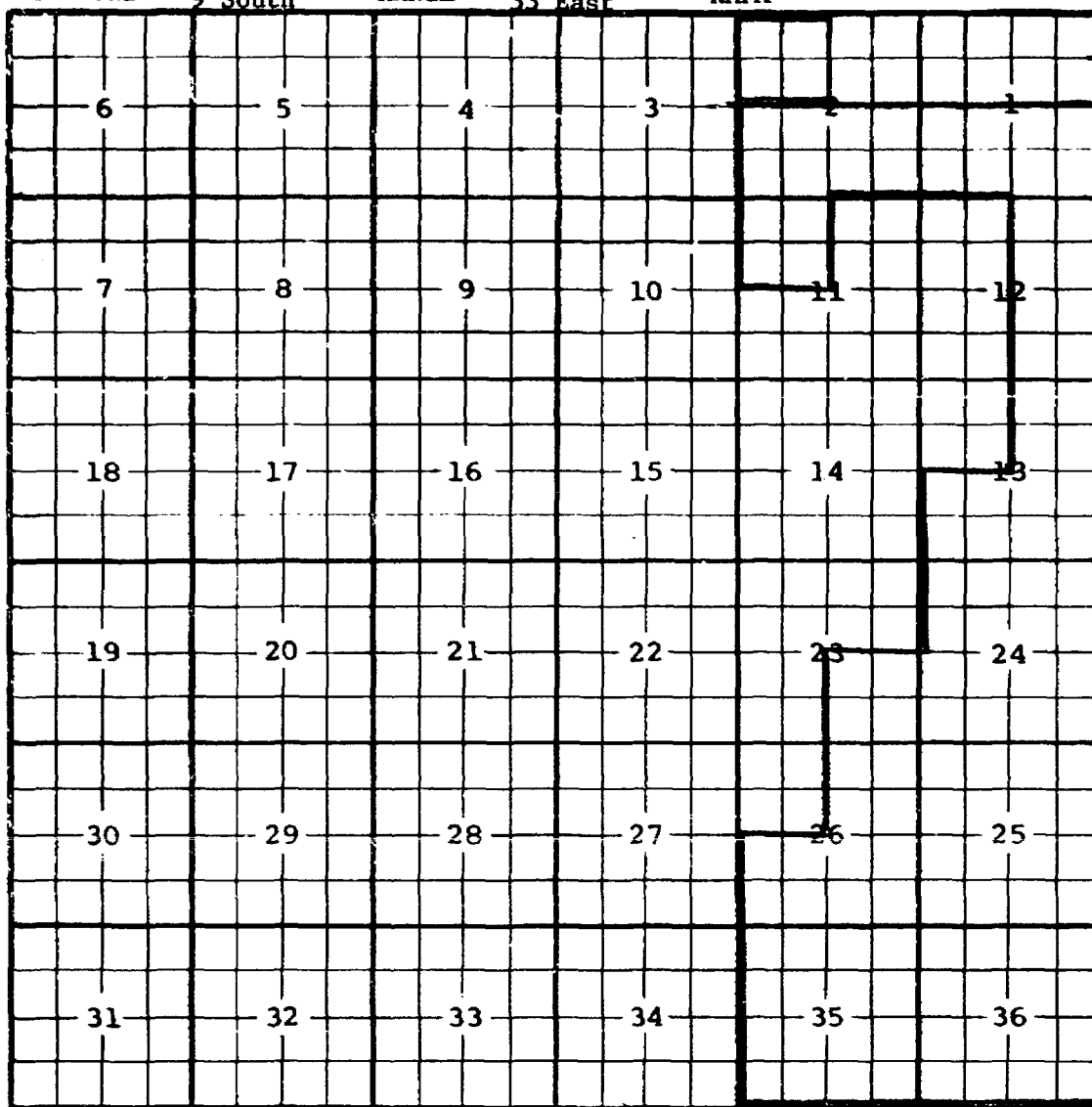
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 7: W/2

CASE 5336: (bb) 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 - Midwest State #2 in Unit F of Section 2-9-33.

Completed in Bough C on August 5, 1974. Top of Perforations 9540'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 2: NW/4

CASE 5336: (cc) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL	Winchester-Morrow 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
Hillin Prod.Co.	JCW State Com	2-K	2-20-28	7/8/74	Morrow	11215'

Pool boundary outlined in red.

Proposed extension outlined in blue.

Sec. 2: S/2

CREATION NOMENCLATURE ADVERTISEMENT FOR OCTOBER, 1974

a) - *gas Pool* *215R26E Sec 3 Lots 1 thru 16*
 (b) - *gas Pool* *215R26E Sec 3 Lots 1 thru 16* *4 & 5: All* *8 & 9: All* *Sec 16: All* *Sec 21: All*
 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 Chaves and Eddy 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 and extensions should not be made. *205 27E* *33: S/2*

c) CREATE A new pool in Chaves County, New Mexico, classified as a gas pool for Mississippian production and designated ~~as~~ the Denton Camp-Mississippian Gas Pool. The discovery well is ~~the~~ Superior Oil Company, Chatten & Muncy Well No. 1 located in Unit O of Section 18, Township 6 South, Range 28 East, NMPM. Said pool described as: *would comprise*

TOWNSHIP 6 SOUTH, RANGE 28 EAST, NMPM
 SECTION 18: S/2
 SECTION 19: E/2 *Use 5336*

d) CREATE A new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated ~~as~~ the LaHuerta-Wolfcamp Pool. The discovery well is ~~the~~ Cities Service Oil Company, Simpson A Well No. 1 located in Unit H of Section 29, Township 21 South, Range 27 East, NMPM. Said pool described as: *would comprise*

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
 SECTION 29: NE/4

e) EXTEND the Antelope Ridge-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
 SECTION 21: S/2
 SECTION 28: E/2

f) EXTEND the Atoka-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 26 EAST, NMPM
 SECTION 10: E/2

g) EXTEND the North Bagley-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

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

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM
 SECTION 5: NW/4
 SECTION 6: N/2

Nomenclature October, 1974

- i ~~EXTEND~~ the Blinebry Oil and Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 35: NE/4

- j ~~EXTEND~~ the Boyd-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 25 EAST, NMPM
SECTION 16: N/2

- K ~~EXTEND~~ the Burton Flat-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
SECTION 14: N/2

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

- m ~~EXTEND~~ the Cemetery-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
- TOWNSHIP 22 SOUTH, RANGE 30 EAST, NMPM
SECTION 1: S/2
- Handwritten notes:* m-22-25-27: all 34: all
22-25 sec 3: all

TOWNSHIP 20 SOUTH, RANGE 25 EAST, NMPM
SECTION 5: S/2

- O ~~EXTEND~~ the Double L-Queen Associated Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 2: All

- f ~~EXTEND~~ the Eagle Creek-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 25 EAST, NMPM
SECTION 13: E/2 SW/4

- g ~~EXTEND~~ the South Flying M-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: SE/4
SECTION 23: E/2

- h ~~EXTEND~~ the Golden Lane-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
SECTION 31: E/2

Handwritten notes: 10-20-11-12-13-14-15-16-17-18-19-20-21-22-23-24-25-26-27-28-29-30-31-32-33-34-35-36-37-38-39-40-41-42-43-44-45-46-47-48-49-50-51-52-53-54-55-56-57-58-59-60-61-62-63-64-65-66-67-68-69-70-71-72-73-74-75-76-77-78-79-80-81-82-83-84-85-86-87-88-89-90-91-92-93-94-95-96-97-98-99-100-101-102-103-104-105-106-107-108-109-110-111-112-113-114-115-116-117-118-119-120-121-122-123-124-125-126-127-128-129-130-131-132-133-134-135-136-137-138-139-140-141-142-143-144-145-146-147-148-149-150-151-152-153-154-155-156-157-158-159-160-161-162-163-164-165-166-167-168-169-170-171-172-173-174-175-176-177-178-179-180-181-182-183-184-185-186-187-188-189-190-191-192-193-194-195-196-197-198-199-200-201-202-203-204-205-206-207-208-209-210-211-212-213-214-215-216-217-218-219-220-221-222-223-224-225-226-227-228-229-230-231-232-233-234-235-236-237-238-239-240-241-242-243-244-245-246-247-248-249-250-251-252-253-254-255-256-257-258-259-260-261-262-263-264-265-266-267-268-269-270-271-272-273-274-275-276-277-278-279-280-281-282-283-284-285-286-287-288-289-290-291-292-293-294-295-296-297-298-299-300-301-302-303-304-305-306-307-308-309-310-311-312-313-314-315-316-317-318-319-320-321-322-323-324-325-326-327-328-329-330-331-332-333-334-335-336-337-338-339-340-341-342-343-344-345-346-347-348-349-350-351-352-353-354-355-356-357-358-359-360-361-362-363-364-365-366-367-368-369-370-371-372-373-374-375-376-377-378-379-380-381-382-383-384-385-386-387-388-389-390-391-392-393-394-395-396-397-398-399-400-401-402-403-404-405-406-407-408-409-410-411-412-413-414-415-416-417-418-419-420-421-422-423-424-425-426-427-428-429-430-431-432-433-434-435-436-437-438-439-440-441-442-443-444-445-446-447-448-449-450-451-452-453-454-455-456-457-458-459-460-461-462-463-464-465-466-467-468-469-470-471-472-473-474-475-476-477-478-479-480-481-482-483-484-485-486-487-488-489-490-491-492-493-494-495-496-497-498-499-500-501-502-503-504-505-506-507-508-509-510-511-512-513-514-515-516-517-518-519-520-521-522-523-524-525-526-527-528-529-530-531-532-533-534-535-536-537-538-539-540-541-542-543-544-545-546-547-548-549-550-551-552-553-554-555-556-557-558-559-560-561-562-563-564-565-566-567-568-569-570-571-572-573-574-575-576-577-578-579-580-581-582-583-584-585-586-587-588-589-590-591-592-593-594-595-596-597-598-599-600-601-602-603-604-605-606-607-608-609-610-611-612-613-614-615-616-617-618-619-620-621-622-623-624-625-626-627-628-629-630-631-632-633-634-635-636-637-638-639-640-641-642-643-644-645-646-647-648-649-650-651-652-653-654-655-656-657-658-659-660-661-662-663-664-665-666-667-668-669-670-671-672-673-674-675-676-677-678-679-680-681-682-683-684-685-686-687-688-689-690-691-692-693-694-695-696-697-698-699-700-701-702-703-704-705-706-707-708-709-710-711-712-713-714-715-716-717-718-719-720-721-722-723-724-725-726-727-728-729-730-731-732-733-734-735-736-737-738-739-740-741-742-743-744-745-746-747-748-749-750-751-752-753-754-755-756-757-758-759-760-761-762-763-764-765-766-767-768-769-770-771-772-773-774-775-776-777-778-779-780-781-782-783-784-785-786-787-788-789-790-791-792-793-794-795-796-797-798-799-800-801-802-803-804-805-806-807-808-809-810-811-812-813-814-815-816-817-818-819-820-821-822-823-824-825-826-827-828-829-830-831-832-833-834-835-836-837-838-839-840-841-842-843-844-845-846-847-848-849-850-851-852-853-854-855-856-857-858-859-860-861-862-863-864-865-866-867-868-869-870-871-872-873-874-875-876-877-878-879-880-881-882-883-884-885-886-887-888-889-890-891-892-893-894-895-896-897-898-899-900-901-902-903-904-905-906-907-908-909-910-911-912-913-914-915-916-917-918-919-920-921-922-923-924-925-926-927-928-929-930-931-932-933-934-935-936-937-938-939-940-941-942-943-944-945-946-947-948-949-950-951-952-953-954-955-956-957-958-959-960-961-962-963-964-965-966-967-968-969-970-971-972-973-974-975-976-977-978-979-980-981-982-983-984-985-986-987-988-989-990-991-992-993-994-995-996-997-998-999-1000-1001-1002-1003-1004-1005-1006-1007-1008-1009-1010-1011-1012-1013-1014-1015-1016-1017-1018-1019-1020-1021-1022-1023-1024-1025-1026-1027-1028-1029-1030-1031-1032-1033-1034-1035-1036-1037-1038-1039-1040-1041-1042-1043-1044-1045-1046-1047-1048-1049-1050-1051-1052-1053-1054-1055-1056-1057-1058-1059-1060-1061-1062-1063-1064-1065-1066-1067-1068-1069-1070-1071-1072-1073-1074-1075-1076-1077-1078-1079-1080-1081-1082-1083-1084-1085-1086-1087-1088-1089-1090-1091-1092-1093-1094-1095-1096-1097-1098-1099-1100-1101-1102-1103-1104-1105-1106-1107-1108-1109-1110-1111-1112-1113-1114-1115-1116-1117-1118-1119-1120-1121-1122-1123-1124-1125-1126-1127-1128-1129-1130-1131-1132-1133-1134-1135-1136-1137-1138-1139-1140-1141-1142-1143-1144-1145-1146-1147-1148-1149-1150-1151-1152-1153-1154-1155-1156-1157-1158-1159-1160-1161-1162-1163-1164-1165-1166-1167-1168-1169-1170-1171-1172-1173-1174-1175-1176-1177-1178-1179-1180-1181-1182-1183-1184-1185-1186-1187-1188-1189-1190-1191-1192-1193-1194-1195-1196-1197-1198-1199-1200-1201-1202-1203-1204-1205-1206-1207-1208-1209-1210-1211-1212-1213-1214-1215-1216-1217-1218-1219-1220-1221-1222-1223-1224-1225-1226-1227-1228-1229-1230-1231-1232-1233-1234-1235-1236-1237-1238-1239-1240-1241-1242-1243-1244-1245-1246-1247-1248-1249-1250-1251-1252-1253-1254-1255-1256-1257-1258-1259-1260-1261-1262-1263-1264-1265-1266-1267-1268-1269-1270-1271-1272-1273-1274-1275-1276-1277-1278-1279-1280-1281-1282-1283-1284-1285-1286-1287-1288-1289-1290-1291-1292-1293-1294-1295-1296-1297-1298-1299-1300-1301-1302-1303-1304-1305-1306-1307-1308-1309-1310-1311-1312-1313-1314-1315-1316-1317-1318-1319-1320-1321-1322-1323-1324-1325-1326-1327-1328-1329-1330-1331-1332-1333-1334-1335-1336-1337-1338-1339-1340-1341-1342-1343-1344-1345-1346-1347-1348-1349-1350-1351-1352-1353-1354-1355-1356-1357-1358-1359-1360-1361-1362-1363-1364-1365-1366-1367-1368-1369-1370-1371-1372-1373-1374-1375-1376-1377-1378-1379-1380-1381-1382-1383-1384-1385-1386-1387-1388-1389-1390-1391-1392-1393-1394-1395-1396-1397-1398-1399-1400-1401-1402-1403-1404-1405-1406-1407-1408-1409-1410-1411-1412-1413-1414-1415-1416-1417-1418-1419-1420-1421-1422-1423-1424-1425-1426-1427-1428-1429-1430-1431-1432-1433-1434-1435-1436-1437-1438-1439-1440-1441-1442-1443-1444-1445-1446-1447-1448-1449-1450-1451-1452-1453-1454-1455-1456-1457-1458-1459-1460-1461-1462-1463-1464-1465-1466-1467-1468-1469-1470-1471-1472-1473-1474-1475-1476-1477-1478-1479-1480-1481-1482-1483-1484-1485-1486-1487-1488-1489-1490-1491-1492-1493-1494-1495-1496-1497-1498-1499-1500-1501-1502-1503-1504-1505-1506-1507-1508-1509-1510-1511-1512-1513-1514-1515-1516-1517-1518-1519-1520-1521-1522-1523-1524-1525-1526-1527-1528-1529-1530-1531-1532-1533-1534-1535-1536-1537-1538-1539-1540-1541-1542-1543-1544-1545-1546-1547-1548-1549-1550-1551-1552-1553-1554-1555-1556-1557-1558-1559-1560-1561-1562-1563-1564-1565-1566-1567-1568-1569-1570-1571-1572-1573-1574-1575-1576-1577-1578-1579-1580-1581-1582-1583-1584-1585-1586-1587-1588-1589-1590-1591-1592-1593-1594-1595-1596-1597-1598-1599-1600-1601-1602-1603-1604-1605-1606-1607-1608-1609-1610-1611-1612-1613-1614-1615-1616-1617-1618-1619-1620-1621-1622-1623-1624-1625-1626-1627-1628-1629-1630-1631-1632-1633-1634-1635-1636-1637-1638-1639-1640-1641-1642-1643-1644-1645-1646-1647-1648-1649-1650-1651-1652-1653-1654-1655-1656-1657-1658-1659-1660-1661-1662-1663-1664-1665-1666-1667-1668-1669-1670-1671-1672-1673-1674-1675-1676-1677-1678-1679-1680-1681-1682-1683-1684-1685-1686-1687-1688-1689-1690-1691-1692-1693-1694-1695-1696-1697-1698-1699-1700-1701-1702-1703-1704-1705-1706-1707-1708-1709-1710-1711-1712-1713-1714-1715-1716-1717-1718-1719-1720-1721-1722-1723-1724-1725-1726-1727-1728-1729-1730-1731-1732-1733-1734-1735-1736-1737-1738-1739-1740-1741-1742-1743-1744-1745-1746-1747-1748-1749-1750-1751-1752-1753-1754-1755-1756-1757-1758-1759-1760-1761-1762-1763-1764-1765-1766-1767-1768-1769-1770-1771-1772-1773-1774-1775-1776-1777-1778-1779-1780-1781-1782-1783-1784-1785-1786-1787-1788-1789-1790-1791-1792-1793-1794-1795-1796-1797-1798-1799-1800-1801-1802-1803-1804-1805-1806-1807-1808-1809-1810-1811-1812-1813-1814-1815-1816-1817-1818-1819-1820-1821-1822-1823-1824-1825-1826-1827-1828-1829-1830-1831-1832-1833-1834-1835-1836-1837-1838-1839-1840-1841-1842-1843-1844-1845-1846-1847-1848-1849-1850-1851-1852-1853-1854-1855-1856-1857-1858-1859-1860-1861-1862-1863-1864-1865-1866-1867-1868-1869-1870-1871-1872-1873-1874-1875-1876-1877-1878-1879-1880-1881-1882-1883-1884-1885-1886-1887-1888-1889-1890-1891-1892-1893-1894-1895-1896-1897-1898-1899-1900-1901-1902-1903-1904-1905-1906-1907-1908-1909-1910-1911-1912-1913-1914-1915-1916-1917-1918-1919-1920-1921-1922-1923-1924-1925-1926-1927-1928-1929-1930-1931-1932-1933-1934-1935-1936-1937-1938-1939-1940-1941-1942-1943-1944-1945-1946-1947-1948-1949-1950-1951-1952-1953-1954-1955-1956-1957-1958-1959-1960-1961-1962-1963-1964-1965-1966-1967-1968-1969-1970-1971-1972-1973-1974-1975-1976-1977-1978-1979-1980-1981-1982-1983-1984-1985-1986-1987-1988-1989-1990-1991-1992-1993-1994-1995-1996-1997-1998-1999-2000-2001-2002-2003-2004-2005-2006-2007-2008-2009-2010-2011-2012-2013-2014-2015-2016-2017-2018-2019-2020-2021-2022-2023-2024-2025-2026-2027-2028-2029-2030-2031-2032-2033-2034-2035-2036-2037-2038-2039-2040-2041-2042-2043-2044-2045-2046-2047-2048-2049-2050-2051-2052-2053-2054-2055-2056-2057-2058-2059-2060-2061-2062-2063-2064-2065-2066-2067-2068-2069-2070-2071-2072-2073-2074-2075-2076-2077-2078-2079-2080-2081-2082-2083-2084-2085-2086-2087-2088-2089-2090-2091-2092-2093-2094-2095-2096-2097-2098-2099-2100-2101-2102-2103-2104-2105-2106-2107-2108-2109-2110-2111-2112-2113-2114-2115-2116-2117-2118-2119-2120-2121-2122-2123-2124-2125-2126-2127-2128-2129-2130-2131-2132-2133-2134-2135-2136-2137-2138-2139-2140-2141-2142-2143-2144-2145-2146-2147-2148-2149-2150-2151-2152-2153-2154-2155-2156-2157-2158-2159-2160-2161-2162-2163-2164-2165-2166-2167-2168-2169-2170-2171-2172-2173-2174-2175-2176-2177-2178-2179-2180-2181-2182-2183-2184-2185-2186-2187-2188-2189-2190-2191-2192-2193-2194-2195-2196-2197-2198-2199-2200-2201-2202-2203-2204-2205-2206-2207-2208-2209-2210-2211-2212-2213-2214-2215-2216-2217-2218-2219-2220-2221-2222-2223-2224-22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Nomenclature October, 1974

- 5 → EXTEND the Golden Lane-Strawn Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 30 EAST, NMPM
SECTION 29: S/2

- 4 → EXTEND the Los Medanos-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM
SECTION 1: N/2

- u → EXTEND the McMillan Seven Rivers-Queen Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
SECTION 1: SE/4 NE/4
SECTION 12: SE/4 NE/4

- N → EXTEND the Monument-Paddock Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 15: SW/4
SECTION 22: NW/4

- W → EXTEND the South Salt Lake-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
SECTION 4: Lots 3, 4, 5 and 6

- K → EXTEND the Sams Ranch Grayburg-San Andres Gas Pool in Chaves County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 28 EAST, NMPM
SECTION 10: SE/4
SECTION 11: S/2
SECTION 14: N/2 and SE/4
SECTION 15: NE/4

- 7 → EXTEND the North Shoe Bar-Strawn Pool in Lea County, New Mexico, to include therein:

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

- 3 → EXTEND the Square Lake Grayburg-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 30 EAST, NMPM
SECTION 9: E/2 NW/4

Nomenclature October, 1974

aa → EXTEND the North Vacuum-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 7: W/2

bb → EXTEND the Vada-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

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

cc → EXTEND the Winchester-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

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