

CASE 6037: SOUTHEASTERN NEW MEXICO
NOMENCLATURE CASE FOR SEPTEMBER 1977

22

Case Number

6037

Application

Transcripts.

Small Exhibits

ETC.

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
September 14, 1977

IN THE MATTER OF:

The creation and extension of certain
pools in Lea, Eddy, and Chaves Counties,
New Mexico.

CASE
6037

BEFORE: Richard L. Stamets, Examiner

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the New Mexico Oil
Conservation Commission:

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

sid morrish reporting service
General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

1 MR. STAMETS: Call next case Number 6037.

2 MS. TESCHENDORF: Case 6037, in the matter of the
3 hearing called by the Oil Conservation Commission upon its
4 own motion to consider the creation and extension of certain
5 pools in Lea, Eddy, and Chaves Counties, New Mexico.

6 MR. STAMETS: Call for appearances in this case.

7 MS. TESCHENDORF: Lynn Teschendorf appearing on
8 behalf of the Commission and I have one witness.

9 (THEREUPON, the witness was sworn.)
10

11 CARL ULVOG

12 was called as a witness by the Commission, and having been
13 first duly sworn, testified upon his oath as follows:
14

15 DIRECT EXAMINATION

16 BY MS. TESCHENDORF:

17 Q State your name and position, please?

18 A Carl Ulvog, Senior Geologist of the Oil Conservation
19 Commission stationed in Santa Fe.

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

23 A Yes, I am.

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

25 A I have an exhibit entitled Exhibit One.

sid morrish reporting service

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1 Q Please refer to this exhibit and to the docket that
 2 has been prepared and distributed at this hearing and point out
 3 any substantial differences between the two?

4 A There are no differences between the advertisement
 5 and the docket or what we are proposing here with one
 6 exception and that is in the case of paragraph M pertaining
 7 to these Carlsbad-Wolfcamp Gas Pool where we are recommending
 8 that in addition to the south half of Section 35, Township
 9 21 South, Range 27 East, also the west half of Section 27 and
 10 all of Section 34.

11 Otherwise there are no other changes.

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

14 A No, ma'am.

15 MS. TESCHENDORF: I offer Exhibit One into evidence.

16 MR. STAMETS: Exhibit One will be admitted. Are
 17 there any questions of the witness? He may be excused.

18 Anything further in this case? The case will be
 19 taken under advisement.

20 (THEREUPON, the witness was excused.)
 21
 22
 23
 24
 25

REPORTER'S CERTIFICATE

I, SIDNEY F. MORRISH, a Certified Shorthand 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.

Sidney F. Morrish

Sidney F. Morrish, C.S.R.

sid morrish reporting service

General Court Reporting Service
825 Calle Mejia, No. 122, Santa Fe, New Mexico 87501
Phone (505) 982-9212

i do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 6037
heard by me on 9/14/77, 19 77.
Richard R. Stem, Examiner
New Mexico Oil Conservation Commission

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. 6037
Order No. R-5534

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 a.m. on September 14, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 27th day of September, 1977, 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 Delaware formation, said pool to bear the designation of Combs-Delaware Gas Pool. Said Combs-Delaware Gas Pool was discovered by the Penroc Oil Corporation Combs Federal Well No. 1 located in Unit P of Section 15, Township 20 South, Range 27 East, NMPM. It was completed in the Delaware formation on June 5, 1974. The top of the perforations is at 2822 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 Morrow formation, said pool to bear the designation of East Lake-Morrow Gas Pool. Said East Lake-Morrow Gas Pool was discovered by the Coquina Oil Corporation Gulf Federal Well No. 1 located in Unit A of Section 5, Township 19 South, Range 27 East, NMPM. It was completed in the Morrow formation on February 8, 1974. The top of the perforations is at 9618 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of Hume-Cisco Pool. Said Hume-Cisco Pool was discovered by the Vaquero Independent Producers, Inc., Jackrabbit Draw Com Well No. 1 located in Unit L of Section 15, Township 16 South, Range 33 East, NMPM. It was completed in the Cisco formation on February 8, 1977. The top of the perforations is at 11,230 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 Morrow formation, said pool to bear the designation of West Malaga-Morrow Gas Pool. Said West Malaga-Morrow Gas Pool was discovered by the HNG Oil Company Ogden 8 Com Well No. 1 located in Unit H of Section 8, Township 24 South, Range 28 East, NMPM. It was completed in the Morrow formation on June 17, 1977. The top of the perforations is at 12,216 feet.

(6) 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 Millman-Atoka Gas Pool. Said Millman-Atoka Gas Pool was discovered by the Depco, Inc., DHY State B Well No. 1 located in Unit L of Section 11, Township 19 South, Range 28 East, NMPM. It was completed in the Atoka formation on May 13, 1977. The top of the perforations is at 10,458 feet.

(7) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Abo formation, said pool to bear the designation of Pearsall-Abo Pool. Said Pearsall-Abo Pool was discovered by the Harvey E. Yates Company, Inc., South Maljamar Deep Well No. 1 located in Unit O of Section 30, Township 17 South, Range 32 East, NMPM. It was completed in the Abo formation on November 24, 1976. The top of the perforations is at 8,938 feet.

(8) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of Penlon-Bone Springs Pool. Said Penlon-Bone Springs Pool was discovered by the Penroc Oil Corporation Allied B Well No. 1 located in Unit K of Section 27, Township 20 South, Range 27 East, NMPM. It was completed in the Bone Springs formation on January 13, 1975. The top of the perforations is at 6,472 feet.

(9) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Delaware formation, said pool to bear the designation of Penlon-Delaware Gas Pool. Said Penlon-Delaware Gas Pool was discovered by the Penroc Oil Corporation Allied Com Well No. 2 located in Unit B of Section 27, Township 20 South, Range 27 East, NMPM. It was completed in the Delaware formation on July 20, 1975. The top of the perforations is at 2,788 feet.

(10) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Rock Lake-Morrow Gas Pool. Said Rock Lake-Morrow Gas Pool was discovered by the Union Oil Company of California Northern Natural State Well No. 1 located in Unit O of Section 28, Township 22 South, Range 35 East, NMPM. It was completed in the Morrow formation on May 30, 1977. The top of the perforations is at 13,557 feet.

(11) That there is need for certain extensions to the Cato-San Andres Pool in Chaves County, New Mexico, the Avalon-Morrow Gas Pool, the North Burton-Pennsylvanian Gas Pool, the Burton Flat-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the South Carlsbad-Morrow Gas Pool, the Indian Draw-Delaware Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, and the Flying "M" San Andres Pool, the South Leonard-Queen Pool, the East Lusk-Bone Springs Pool, and the West Tonto-Pennsylvanian Gas 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 Delaware production, is hereby created and designated as the Combs-Delaware Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 15: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 5: N/2

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 15: SW/4

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 8: E/2

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 11: W/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 30: SE/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: NE/4

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

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 28: S/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: N/2

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

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TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM

Section 32: SW/4

(l) 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 27 EAST, NMPM

Section 24: All

Section 25: E/2

Section 36: All

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM

Section 16: All

Section 18: All

Section 19: All

Section 20: S/2

Section 21: All

Section 29: All

Section 30: All

Section 31: All

Section 32: All

Section 33: W/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM

Section 4: Lots 3, 4, 5, 6, 11, 12, 13, & 14

Section 5: All

Section 8: S/2

Section 17: All

Section 20: All

Section 29: W/2

Section 30: All

Section 31: N/2

Section 32: W/2

(m) That the East Carlsbad-Wolfcamp 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 27: W/2

Section 34: All

Section 35: S/2

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

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM

Section 13: N/2

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Case No. 6037
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(o) That the Cato-San Andres Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NE/4

(p) That the Flying "M" San Andres 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 19: SE/4

(q) That the Indian Draw-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 7: SE/4 and N/2 SW/4
Section 18: W/2 SW/4

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

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 11: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 16: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 7: S/2 and NE/4

(u) 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 9: All
Section 19: All

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Case No. 6037
Order No. R-5534

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 Form 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 October 1, 1977.

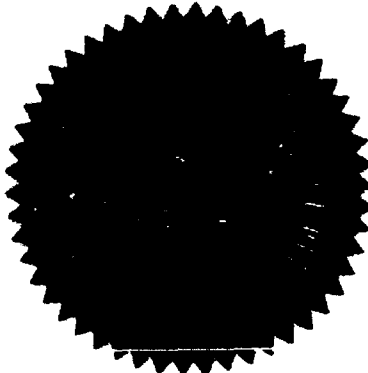
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman


EMERY C. ARNOLD, Member


JOE D. RAMEY, Member & Secretary


S E A L

jr/

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

CASE 6037:

In the matter of the hearing called by the Oil Conservation Commission upon its own motion for the creation 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 Delaware production and designated as the Combs-Delaware Gas Pool. The discovery well is the Penroc Oil Corporation Combs Federal Well No. 1 located in Unit P of Section 15, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 15: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the East Lake-Morrow Gas Pool. The discovery well is the Coquina Oil Corporation Gulf Federal Well No. 1 located in Unit A of Section 5, Township 19 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 5: N/2

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Cisco production and designated as the Hume-Cisco Pool. The discovery well is Vaquero Independent Producers, Inc. Jackrabbit Draw Com Well No. 1 located in Unit L of Section 15, Township 16 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 15: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Malaga-Morrow Gas Pool. The discovery well is the HNG Oil Company Ogden 8 Com Well No. 1 located in Unit H of Section 8, Township 24 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 8: E/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Millman-Atoka Gas Pool. The discovery well is the Depco, Inc. DHY State B Well No. 1 located in Unit I of Section 11, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 11: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated as the Pearsall-Abo Pool. The discovery well is the Harvey E. Yates Company, Inc. South Maljamar Deep Well No. 1 located in Unit O of Section 30, Township 17 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 30: SE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Penlon-Bone Springs Pool. The discovery well is the Penroc oil Corporation Allied B Well No. 1 located in Unit K of Section 27, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: SW/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Delaware production and designated as the Penlon-Delaware Gas Pool. The discovery well is the Penroc Oil Corporation Allied Com Well No. 2 located in Unit B of Section 27, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: NE/4

(i) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Rock Lake-Morrow Gas Pool. The discovery well is the Union Oil Company of California Northern Natural State Well No. 1 located in Unit O of Section 28, Township 22 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 28: S/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: N/2

(k) EXTEND the North Burton-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 32: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 24: All
Section 25: E/2
Section 36: All

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 16: All
Section 18: All
Section 19: All
Section 20: S/2
Section 21: All
Section 29: All
Section 30: All
Section 31: All
Section 32: All
Section 33: W/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 4: Lots 3, 4, 5, 6, 11, 12, 13, & 14
Section 5: All
Section 8: S/2
Section 17: All
Section 20: All
Section 29: W/2
Section 30: All
Section 31: N/2
Section 32: W/2

X (m) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 35: S/2

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

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 13: N/2

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NE/4

(p) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 19: SE/4

(q) EXTEND the Indian Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 7: SE/4 and N/2 SW/4
Section 18: W/2 SW/4

(r) EXTEND the South Leonard-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 11: SW/4

(s) EXTEND the East Lusk-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 16: SE/4

(t) EXTEND the West Tonto-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 7: S/2 and NE/4

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 9: All
Section 19: All

Docket No. 29-77

DOCKET: COMMISSION HEARING - TUESDAY - SEPTEMBER 20, 1977

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

CASE 5961: (REHEARING)

Application of D. L. Hannifin for amendment of Order No. R-4432, Eddy County, New Mexico.
Applicant, in the above-styled cause, seeks the amendment of Order No. R-4432 to remove the present operator of the pooled proration unit comprising the S/2 of Section 24, Township 22 South, Range 26 East, South Carlsbad-Morrow Gas Pool, Eddy County, New Mexico, and to designate applicant as operator of said unit.

CASE 6037: In the matter of the hearing called by the Oil Conservation Commission upon its own motion for the creation 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 Delaware production and designated as the Combs-Delaware Gas Pool. The discovery well is the Penroc Oil Corporation Combs Federal Well No. 1 located in Unit P of Section 15, Township 20 South, Range 27 East, N27M. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, N27M
Section 15: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the East Lake-Morrow Gas Pool. The discovery well is the Coquina Oil Corporation Gulf Federal Well No. 1 located in Unit A of Section 5, Township 19 South, Range 27 East, N27M. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, N27M
Section 5: N/2

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Cisco production and designated as the Hume-Cisco Pool. The discovery well is Vaquero Independent Producers, Inc. Jackrabbit Draw Com Well No. 1 located in Unit L of Section 15, Township 16 South, Range 33 East, N27M. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, N27M
Section 15: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Malaga-Morrow Gas Pool. The discovery well is the HNG Oil Company Ogden 8 Com Well No. 1 located in Unit H of Section 8, Township 24 South, Range 28 East, N27M. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, N27M
Section 8: E/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Millman-Atoka Gas Pool. The discovery well is the Depco, Inc. DMY State B Well No. 1 located in Unit L of Section 11, Township 19 South, Range 28 East, N27M. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, N27M
Section 11: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated as the Fearsall-Abo Pool. The discovery well is the Harvey E. Yates Company, Inc. South Maljamar Deep Well No. 1 located in Unit O of Section 30, Township 17 South, Range 32 East, N27M. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, N27M
Section 30: SE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Penlon-Bone Springs Pool. The discovery well is the Penroc oil Corporation Allied B Well No. 1 located in Unit K of Section 27, Township 20 South, Range 27 East, N27M. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, N27M
Section 27: SW/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Delaware production and designated as the Penlon-Delaware Gas Pool. The discovery well is the Penroc Oil Corporation Allied Com Well No. 2 located in Unit B of Section 27, Township 20 South, Range 27 East, N27M. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, N27M
Section 27: NE/4

(i) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Rock Lake-Morrow Gas Pool. The discovery well is the Union Oil Company of California Northern Natural State Well No. 1 located in Unit O of Section 28, Township 22 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 28: S/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: N/2

(k) EXTEND the North Burton-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 32: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 24: All
Section 25: E/2
Section 36: All

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 16: All
Section 18: All
Section 19: All
Section 20: S/2
Section 21: All
Section 29: All
Section 30: All
Section 31: All
Section 32: All
Section 33: W/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 4: Lots 3, 4, 5, 6, 11, 12, 13, & 14
Section 5: All
Section 8: S/2
Section 17: All
Section 20: All
Section 29: W/2
Section 30: All
Section 31: N/2
Section 32: W/2

(m) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

ADDITION -----
TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 35: S/2
Section 27: W/2 & Section 34: All

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

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 13: N/2

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NE/4

(p) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 19: SE/4

(q) EXTEND the Indian Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 7: SE/4 and N/2 SW/4
Section 18: W/2 SW/4

(r) EXTEND the South Leonard-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 11: SW/4

(s) EXTEND the East Lusk-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 16: SE/4

(t) EXTEND the West Tonto-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 7: S/2 and NE/4

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 9: All
Section 19: All

NEW POOLS

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

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

Discovery well was Penroc Oil Corp. Combs Federal #1 located in Unit P Section 15 Township 20 Range 27 and was completed on June 5, 1974. Top of perforations is at 2822 feet.

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

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

Discovery well was COQUINA OIL CORP. Gulf Federal #1 located in Unit A Section 5 Township 19 Range 27 and was completed on February 8, 1974. Top of perforations is at 9618 feet.

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

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

Discovery well was Vaquero Independent Producers, Inc. Jackrabbit Draw Com #1 located in Unit L Section 15 Township 16 Range 33 and was completed on February 8, 1977. Top of perforations is at 11,230 feet.

NEW POOLS

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

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

Discovery well was HNG OIL COMPANY OGDEN 8 COM #1 located in Unit H Section 8 Township 24 Range 28 and was completed on June 17, 1977. Top of perforations is at 12,216 feet.

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

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

Discovery well was DEPCO, INC. DHY STATE B #1 located in Unit L Section 11 Township 19 Range 28 and was completed on May 13, 1977. Top of perforations is at 10,458 feet.

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

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

Discovery well was Harvey E. Yates Company, Inc. South Maljamar Deep #1 located in Unit 0 Section 30 Township 17 Range 32 and was completed on November 24, 1976. Top of perforations is at 8938 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the PENLON-BONE SPRINGS Pool.

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

Discovery well was Penroc Oil Corp. Allied B #1 located in Unit K Section 27 Township 20 Range 27 and was completed on January 13, 1975. Top of perforations is at 6472 feet.

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

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

Discovery well was PENROC OIL CORP. ALLIED COM #2 located in Unit B Section 27 Township 20 Range 27 and was completed on July 20, 1975. Top of perforations is at 2788 feet.

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

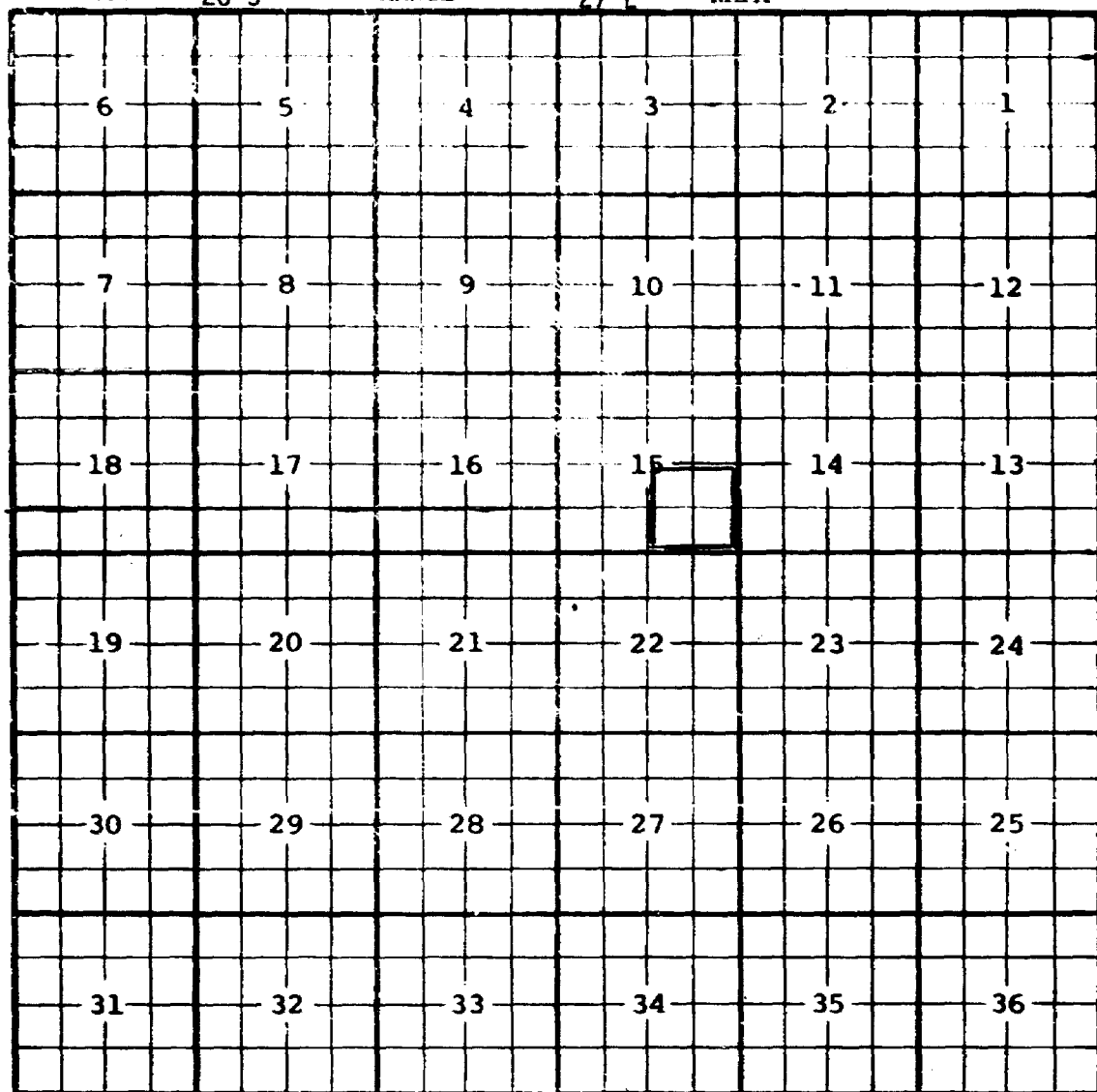
Vertical limits to be the MORROW formation and the horizontal limits should be as follows: As shown in Paragraph (i) Exhibit I

Discovery well was UNION OIL COMPANY OF CALIF. NORTHERN NATURAL STATE #1 located in Unit 0 Section 28 Township 22 Range 35 and was completed on May 30, 1977. Top of perforations is at 13,557 feet.

CASE NO. 6037 (a) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Combs-Delaware Gas

TOWNSHIP 20 S RANGE 27 E NMPM



Purpose: One completed gas well capable of producing.

Disc. Well: Penroc Oil Corp. Combs Federal #1-P-15-20-27

Comp. 6-5-74 through Delaware perfs 2822-44'

Proposed pool boundary outlined in blue

Section 15: SE/4

CASE NO. 6037 (b) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL

East Lake-Morrow Gas

TOWNSHIP

19 S

RANGE

27 E

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.

Disc. Well: Coquina Oil Corp. Gulf Federal #1-A-5-19-27

Comp. 2-8-74 through Morrow perfs from 9618-30'

Proposed pool boundary outlined in blue

Section 5: N/2

COUNTY	LEA	POOL	HUME-CISCO		
TOWNSHIP	16 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

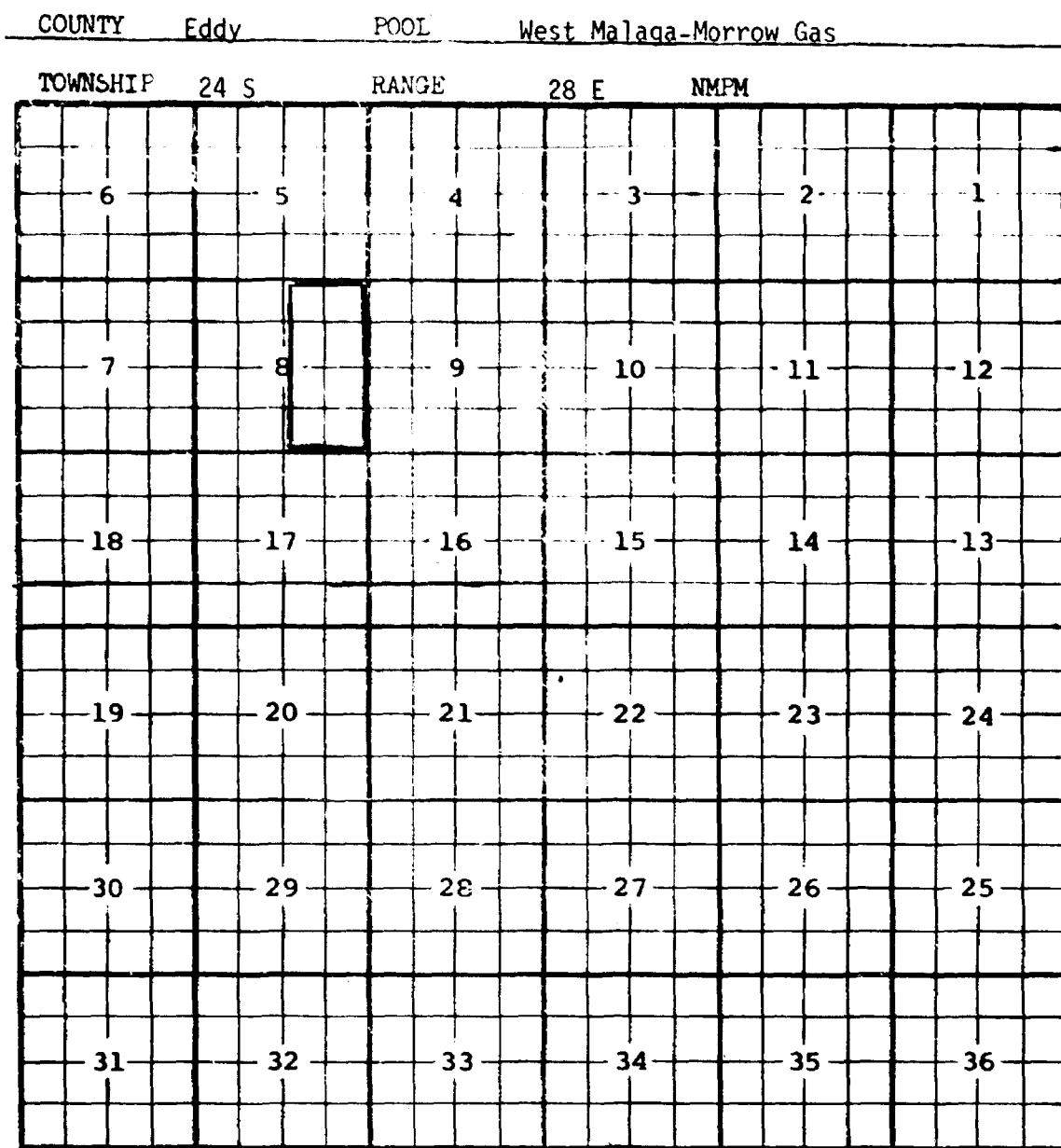
PURPOSE: One completed Oil well capable of producing.

DISCOVERY WELL: Vaquero Independent Producers, Inc. Jackrabbit Draw Com #1-L
in Sec. 15, T16S, R33E. Completed Feb. 8, 1977, in the Cisco formation.

Top of perforations 11,230 feet.

Proposed pool boundary outlined in red. SECTION 15: SW/4

CASE NO. 6037 (d) CREATION OF A NEW GAS POOL



Purpose: One completed gas well capable of producing.

Disc. Well: HNG Oil Co. Ogden 8 Com. #1-H-8-24-28

Comp. 6-17-77 through Morrow perfs from 12216-548'

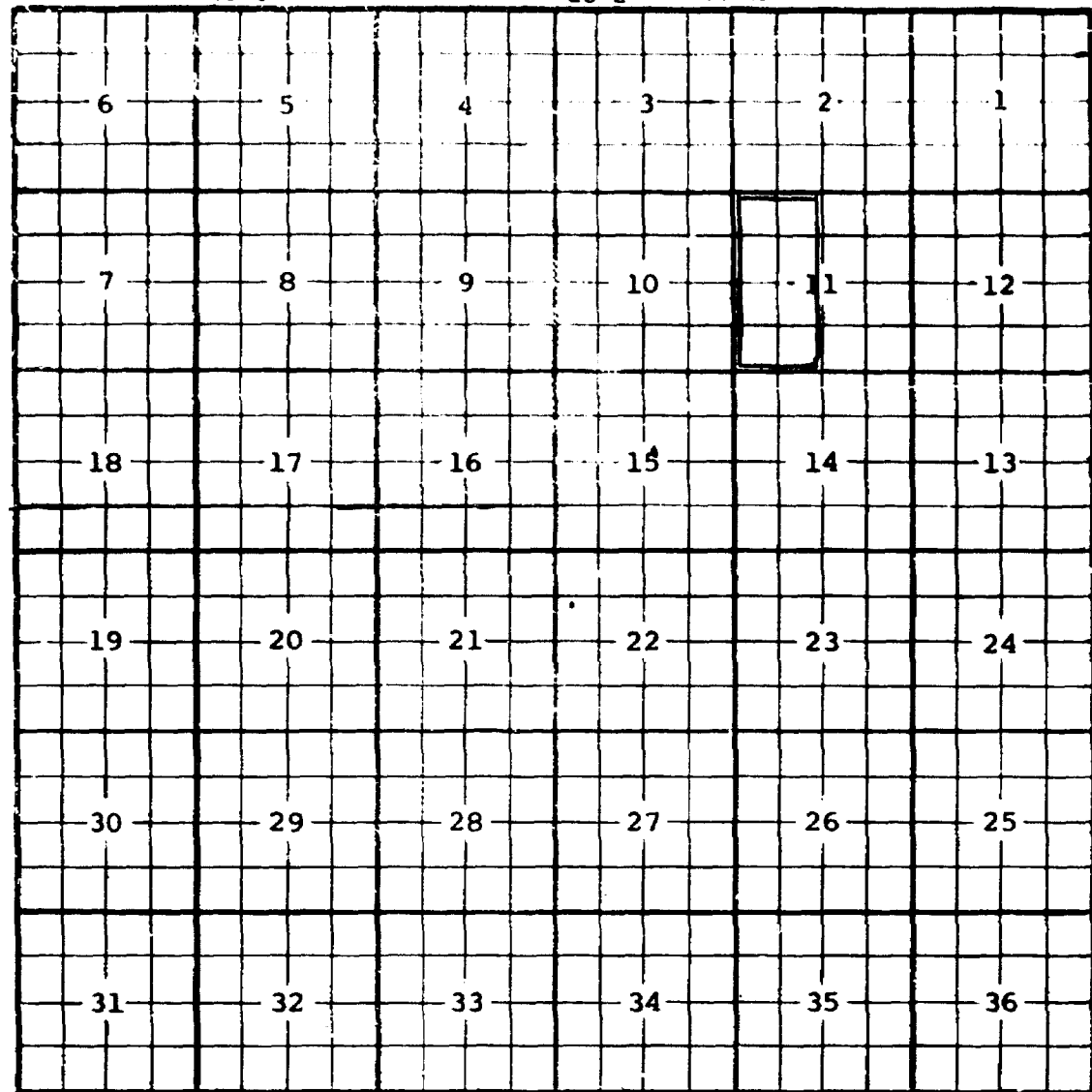
Proposed pool boundary outlined in blue

Section 8: E/2

(CASE NO. 6037 (e) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Millman-Atoka Gas

TOWNSHIP 19 S RANGE 28 E NMPM



Purpose: One completed gas well capable of producing.

Disc. Well: Depco, Inc. DHY State B #1-L-11-19-28

Comp. 5-13-77 through Atoka perms from 10458-466'

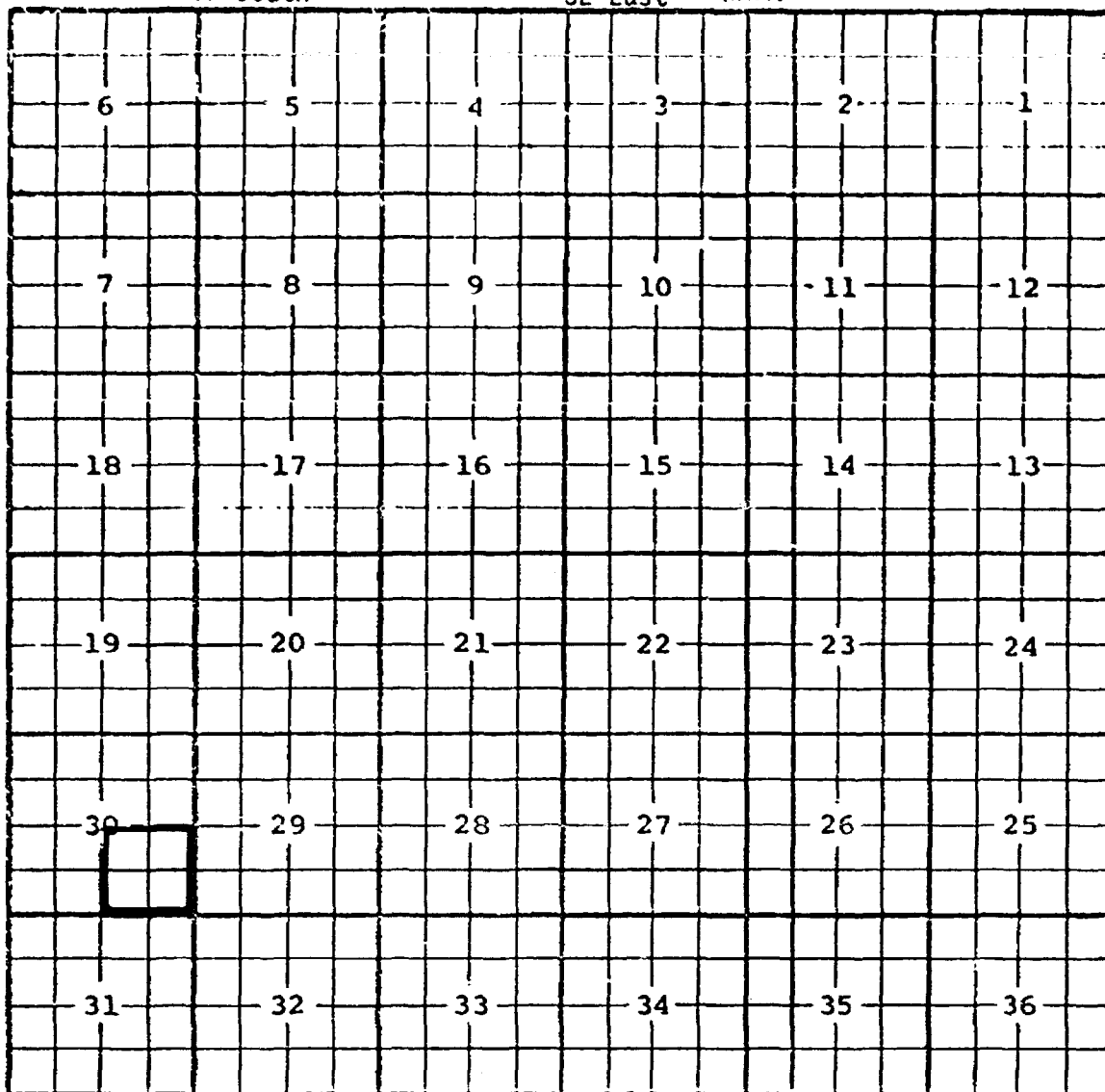
Proposed pool boundary outlined in blue

Section 11: W/2

CASE NO. 6037 (f) CREATION OF A NEW OIL POOL

COUNTY LEA POOL PEARSALL-ABO

TOWNSHIP 17 South RANGE 32 East NMIM



PURPOSE: One completed oil well capable of producing.

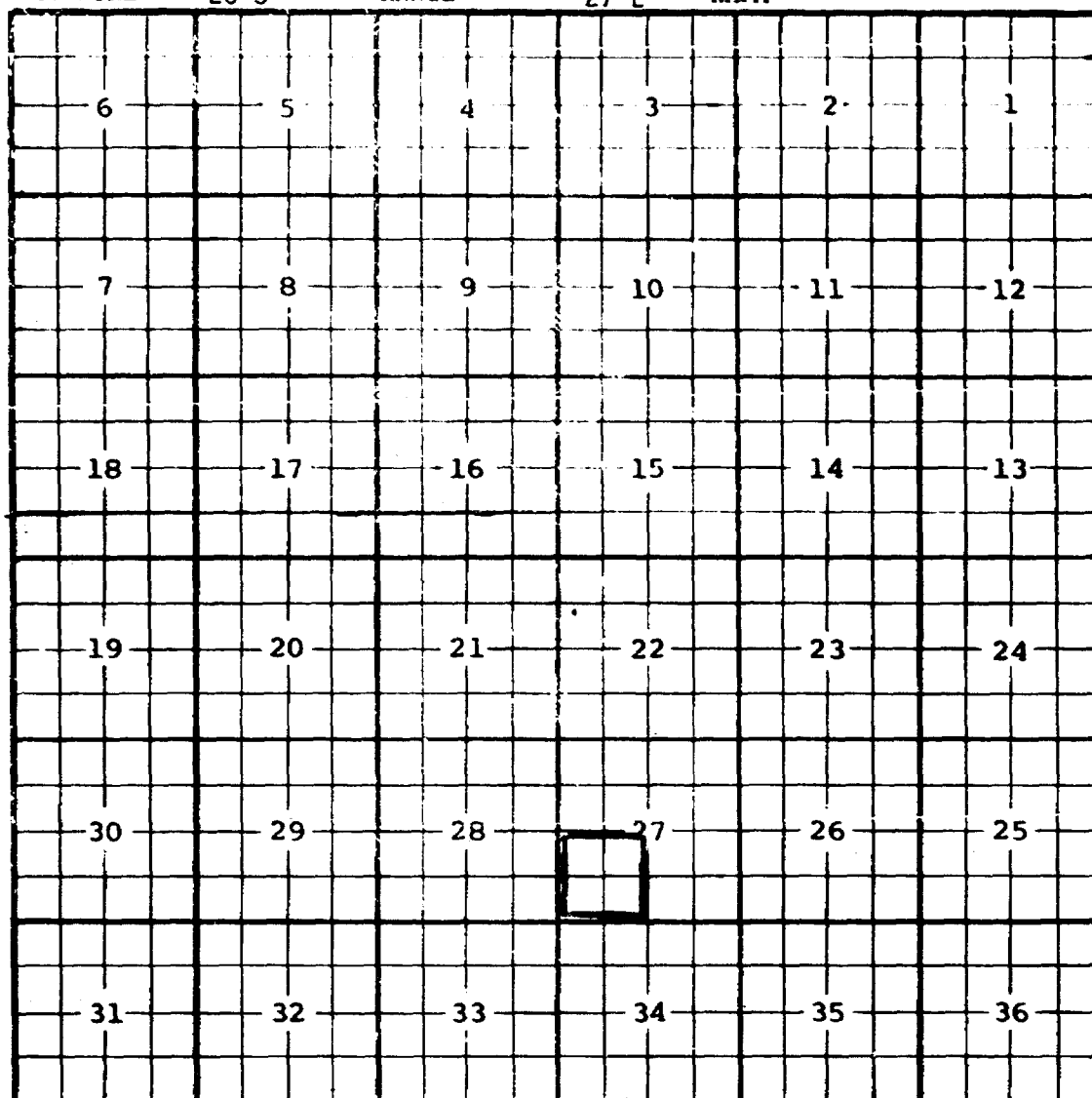
DISCOVERY WELL: Harvey E. Yates Company, Inc. South Maljamar Deep #1-0 in Section 30, T17S, R32E. Completed November 24, 1976, in the Abo formation. Top of perforations 8938 feet.

Proposed pool boundary outlined in red. SECTION 30: SE/4

CASE NO. 6037 (g) CREATION OF A NEW OIL POOL

COUNTY Eddy POOL Penlon-Bone Springs

TOWNSHIP 20 S RANGE 27 E NMPM



Purpose: One completed oil well capable of producing.

Disc. Well: Penroc Oil Corp. Allied B #1-K-27-20-27

Comp. 1-13-75 through Bone Springs perfs from 6472-6525'

Proposed pool boundary outlined in blue

Section 27: SW/4

CASE NO. 6037 (h) CREATION OF A NEW GAS POOL

COUNTY		Eddy		POOL		Penlon-Delaware Gas			
TOWNSHIP		20 S		RANGE		27 E		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.

Disc. Well: Penroc Oil Corp. Allied Com. #2-B-27-20-27

Comp 7-20-75 through Delaware perfs from 2788-2810'

Proposed pool boundary outlined in blue

Section 27: NE/4

COUNTY	Lea	POOL	ROCK LAKE-MORROW GAS
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TOWNSHIP 22 South RANGE 35 East NMIM

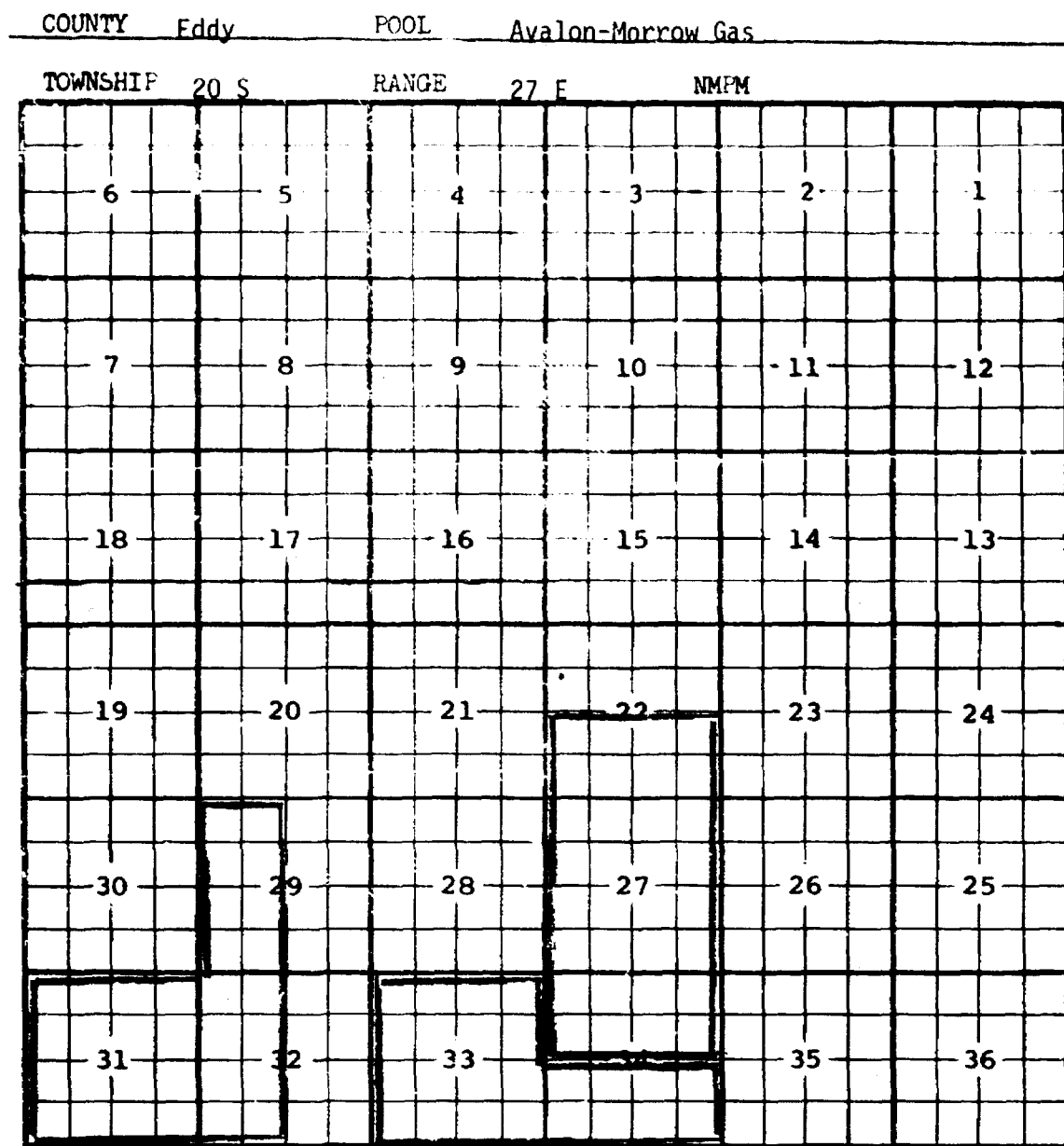
A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and moving left, then down to the next row and moving right, and so on. A 2x2 square of cells is highlighted with a thick black border. The cells in this square contain the numbers 28, 29, 32, and 33. The grid is as follows:

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

DISCOVERY WELL: Union Oil Company of California Northern Natural State #1-0 28-22-35.
Completed May 30, 1977, in the Morrow formation. Top of perforations 13,557'.

~~Proposed pool boundary outlined in red. SECTION 28: S/2~~

CASE NO. 6037 (j) EXTENSION OF AN EXISTING GAS POOL



Purpose: Three completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Penroc Oil Corp.	Allied Com.	1-B	27-20-27	5-28-74	Morrow	10622
"	"	Allied A Com.	1-N	22-20-27	5-28-74	Morrow 10669
"	"	Allied B Com.	1-K	27-20-27	11-22-74	Morrow 10705

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 22: S/2

Section 27: ALL

Section 34: N/2

CASE NO. 6037 (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY	Eddy	POOL	North Burton-Penn.			
TOWNSHIP	19 S	RANGE	29 E	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.	Bass State	1-E	32-19-29	5-19-77	Penn	10258

To include additional acreage dedicated to the above well.

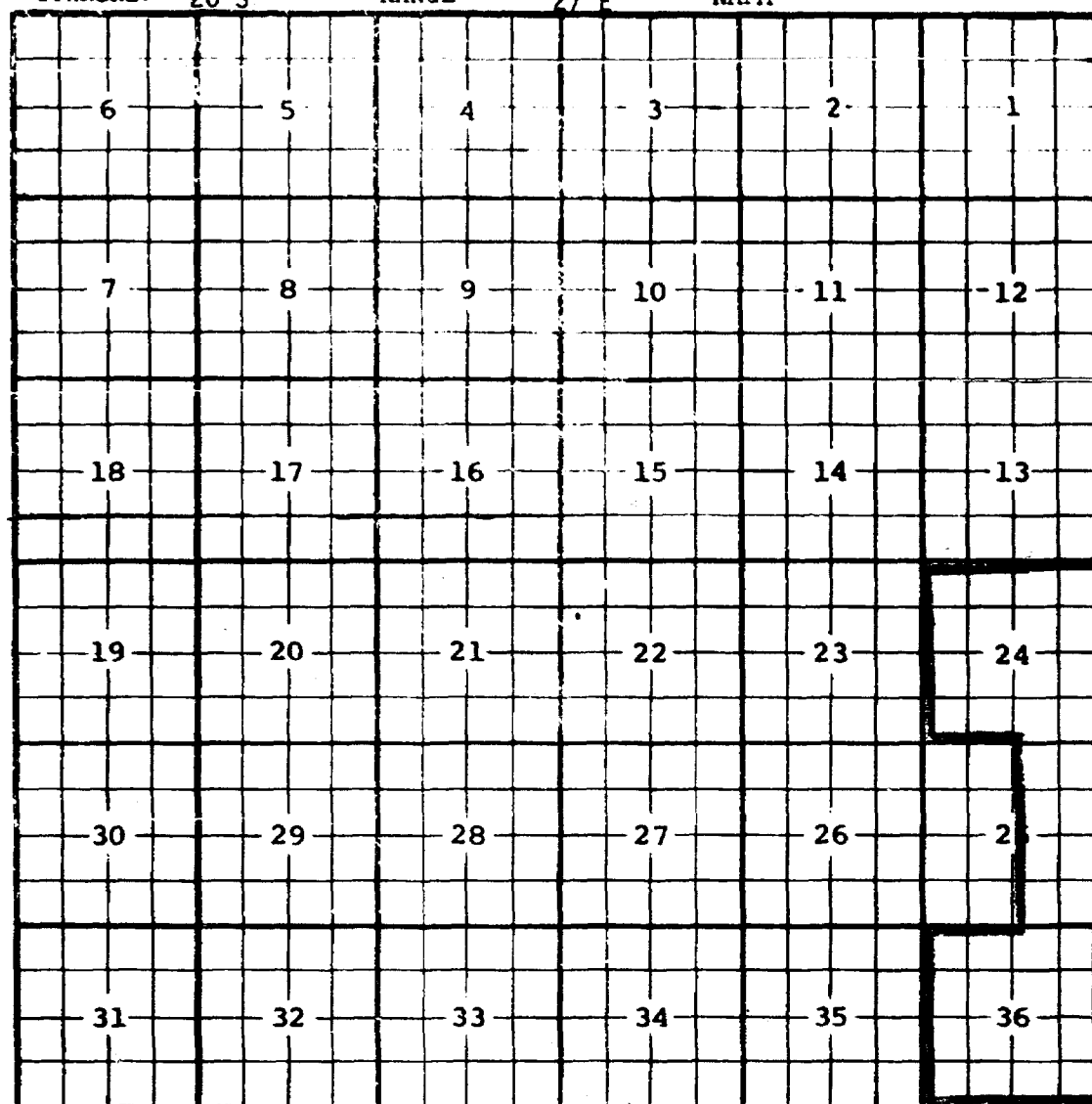
Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 32: SW/4

COUNTY Eddy POOL Burton Flat-Morrow Gas

TOWNSHIP 20 S RANGE 27 E NMFM



Purpose: Five Completed gas wells capable of producing.

Operator	Lease	#&Ut. S.T.R.	Comp.	Form.	TOP
Morris R. Antweil	Macho Norte	1-G 24-20-27	11-23-76	Morrow	11242
"	Mesa Macho	1-N 24-20-27	8-27-76	Morrow	11259
Gulf Oil Corp.	Eddy FV State Com.	1-H 25-20-27	5-14-76	Morrow	11112
Cities Serv. Co.	State CU	1-B 36-20-27	7-22-76	Morrow	11069
Yates Petr. Corp.	MWJ State GW Com.	1-K 36-20-27	2-2-77	Morrow	11134

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 24: ALL

Section 25: E/2

Section 36: ALL

COUNTY Eddy

POOL

Burton Flat-Morrow Gas

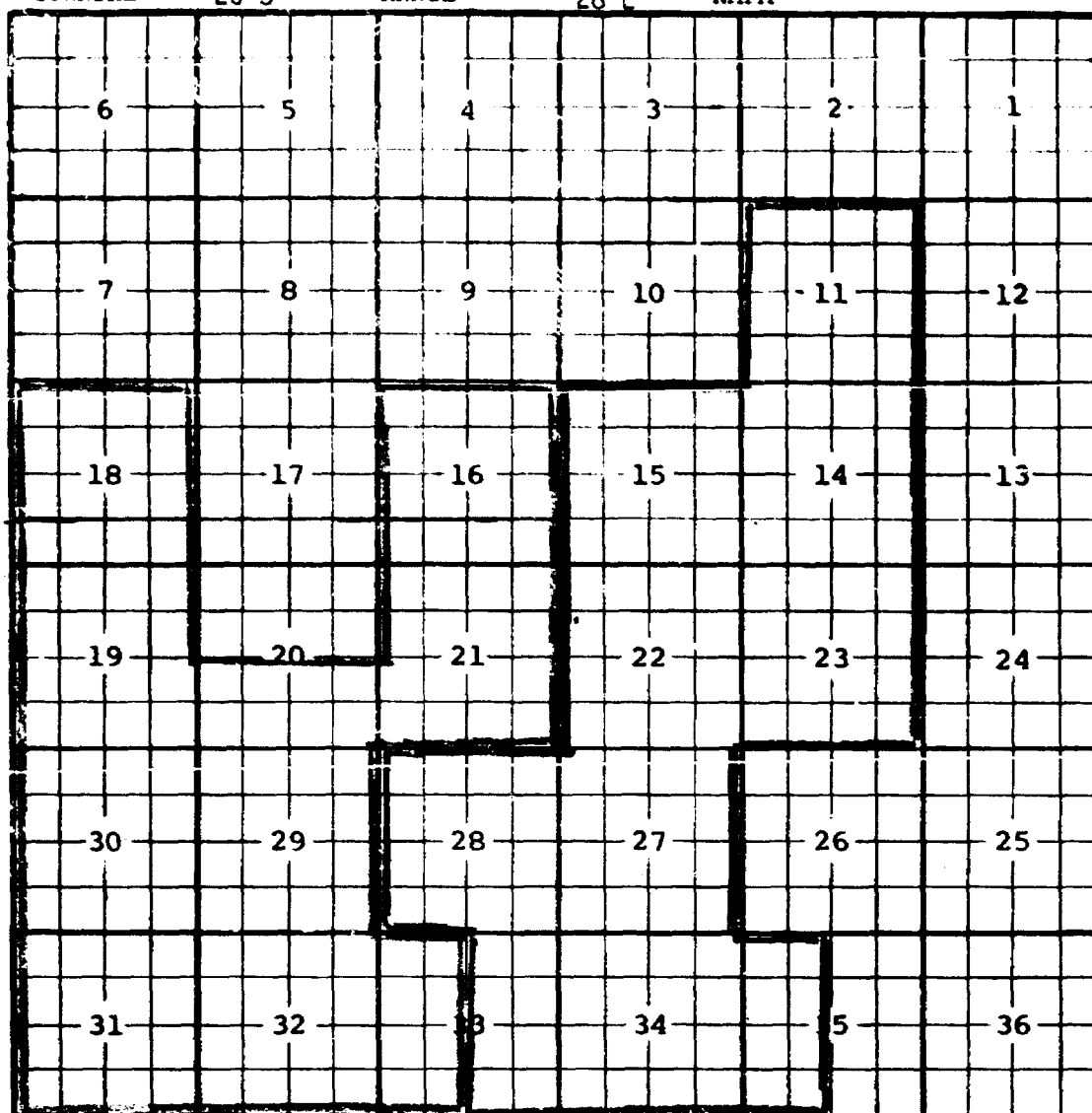
TOWNSHIP

20 S

RANGE

28 E

NMIM



Purpose: Eight completed gas wells capable of producing.

Operator	Lease	#&Ut. S.T.R.	Comp.	Form.	TOP
Cities Serv. Co.	State CV	1-E 16-20-28	2-10-77	Marrow	11014
"	State CW	1-F 19-20-28	11-15-76	Marrow	11294
Mesa Petr. Corp.	Hondo St. Com.	1-E 32-20-28	5- 2-77	Marrow	11048
Penroc Oil Corp.	Foxie Fed. Com.	1-F 18-20-28	8-18-74	Marrow	10842
Pet. Reserves Corp.	State 21 Com.	1-B 21-20-28	5-10-77	Marrow	11064
Yates Petr. Corp.	Stonewall DD Com.	1-N 20-20-28	9-27-76	Marrow	11044
"	Stonewall EP St. Com.	1-F 30-20-28	9-13-75	Marrow	11250
"	Stonewall EP St.	2-N 19-20-28	2-15-77	Marrow	11060

Pool boundary outlined in red.

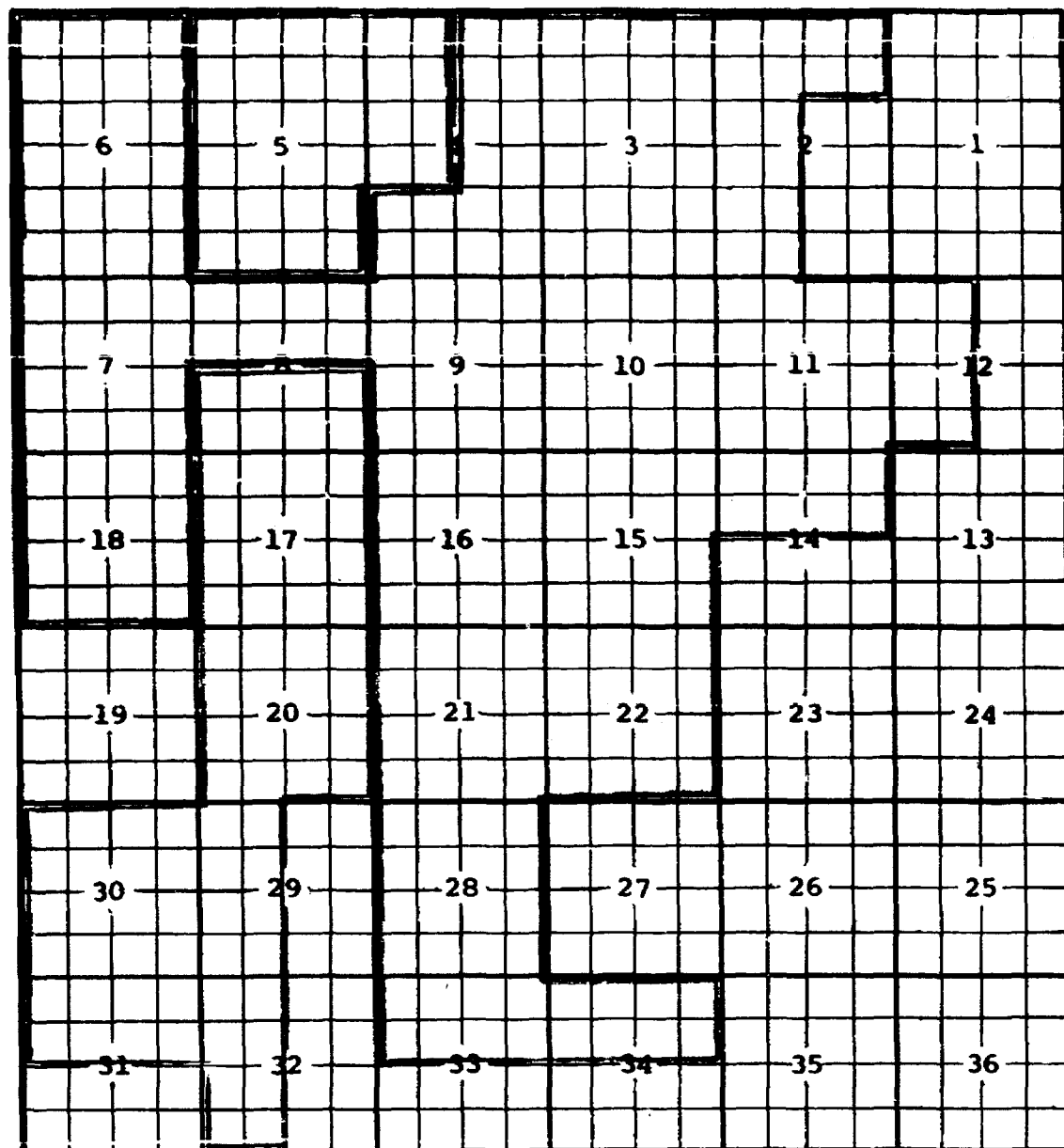
Proposed extension outlined in blue.

Section 16: ALL, Sections 18 & 19: ALL, Section 20: S/2, Section 21: ALL,

Sections 29,30,31 & 32: ALL, Section 33: W/2.

COUNTY Eddy POOL Burton Flat-Morrow

TOWNSHIP 21 S RANGE 27 E NMPM



Purpose: Five completed gas wells capable of producing.

Operator	Lease	#&Ut. S.T.R.	Comp.	Form.	TOP
Bennett & Ryan	Tracy Fairway Com.	1-L 32-21-27	9-16-76	Morrow	11396
Cities Serv. Co.	CDM A Com.	1-D 29-21-27	3-20-76	Morrow	11320
"	Elizondo A Fed.	3-N 20-21-27	2-26-77	Morrow	11381
"	Ives A Com.	1-J 30-21-27	10-20-75	Morrow	11186
"	Tracy E Com	1-E 30-21-27	4- 4-77	Morrow	10970

Pool boundary outlined in red.

Proposed extensions outlined in blue.

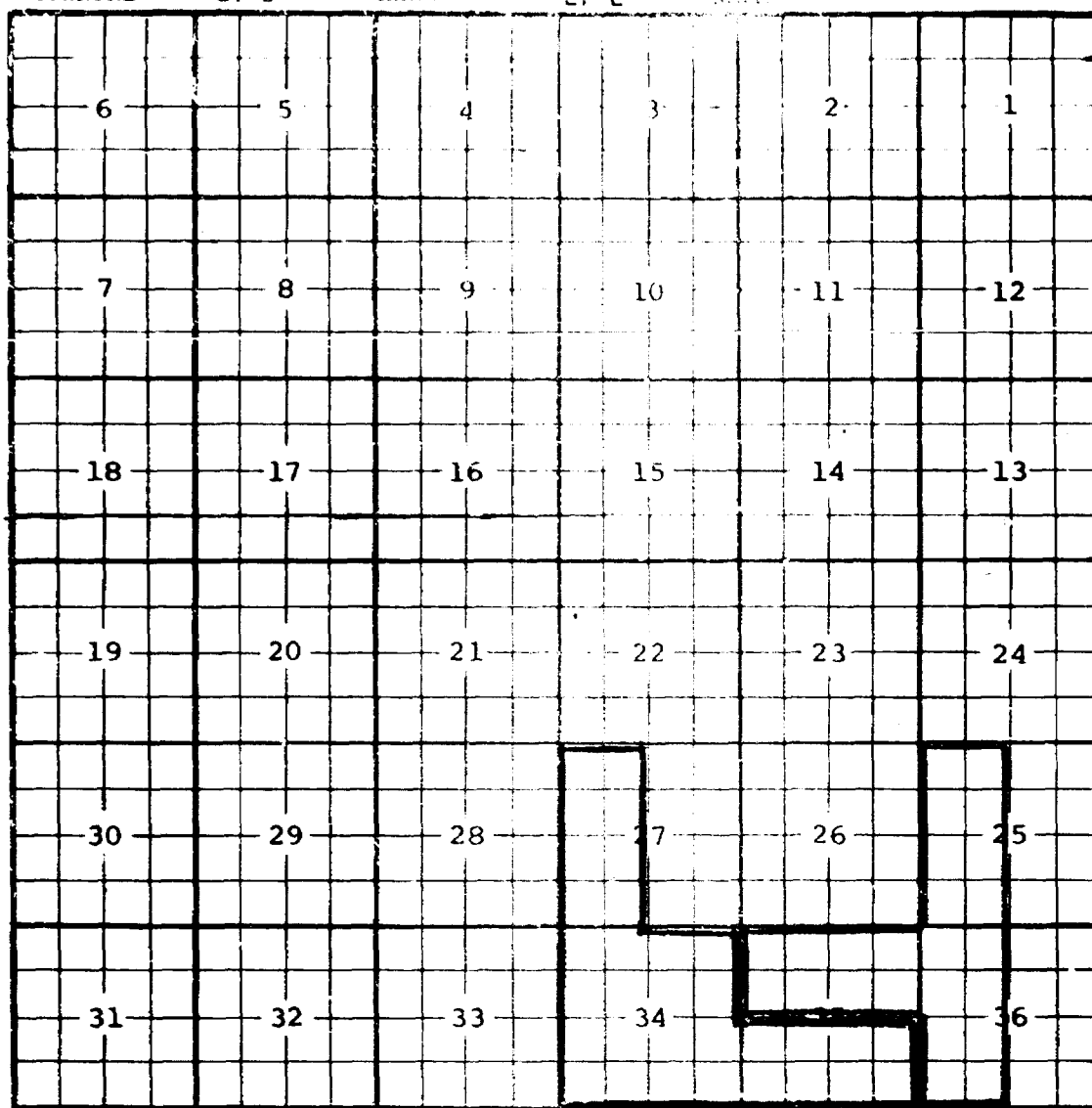
Section 4: lots 3,4,5,6,13 & 14, Section 5: ALL, Section 8: S/2,

Section 17: ALL, Section 20: ALL, Section 29:W/2, Section 30: ALL,
Section 31: N/2, Section 32: W/2.

CASE NO. 6037 (m) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL East Carlsbad - Wolfcamp Gas

TOWNSHIP 21 S RANGE 27 E



Purpose: One completed gas well capable of producing.

	Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
	Western Oil						
	Producers, Inc.	Hunker Com.	1-K	35-21-27	6- 2-77	Wolfcamp	9641
addition	Cities Service Co.	Gov. AD	2-E	27-21-27	7-15-77	"	9505
"	"	Elizondo A Fed.	5-K	34-21-27	8-15-77	"	9579
	Pool boundary outlined in red.						
	Proposed extension outlined in blue.						
	Section 35: S/2						
addition	Section 27: W/2						
"	Section 34: ALL						

CASE NO. 6037 (n) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL

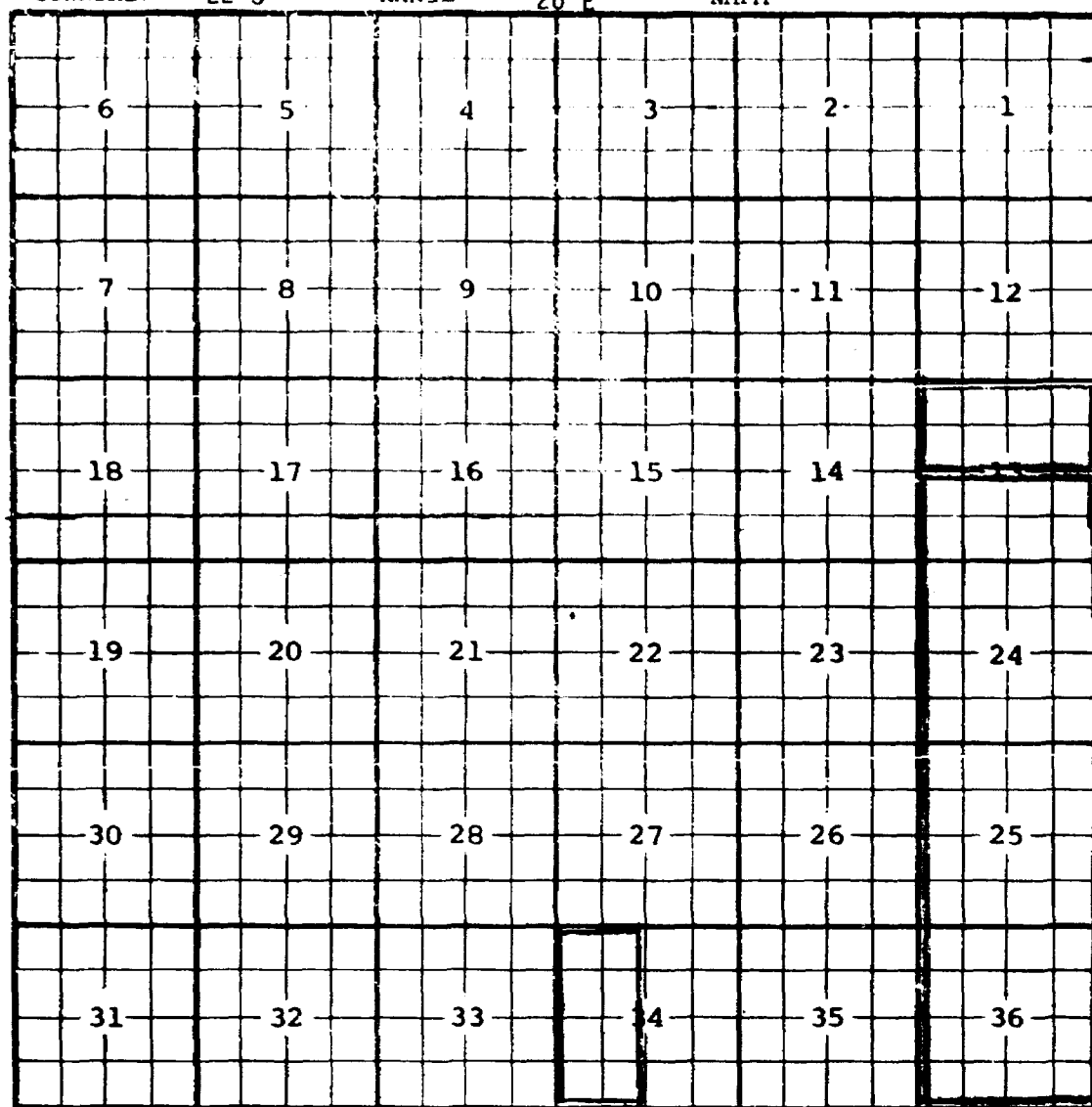
South Carlsbad-Morrow Gas

TOWNSHIP 22 S

RANGE

26 E

NMPM



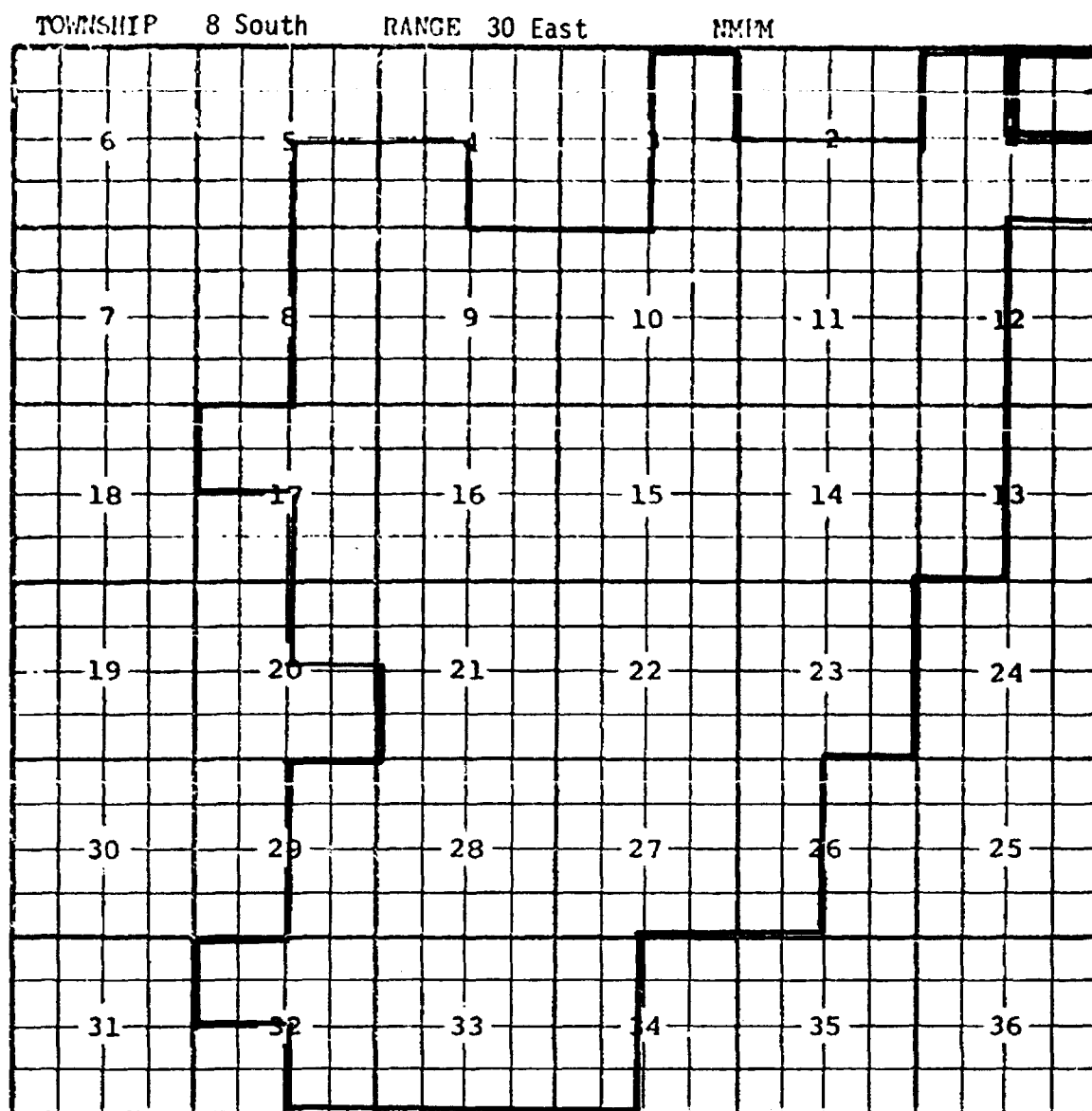
Purpose: One completed gas well capable of producing.

Operator Lease #&Ut. S.T.R. Comp. Form. TOP
C & K Petr., Inc. Carlsbad 13 Com. 1-G 13-22-26 3-15-77 Morrow 11298

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 13: N/2



PURPOSE: Two completed oil wells capable of producing.

Harvey E. Yates Co. Inc. Amoco Federal #1-H in Section 1, T8S, R30E.

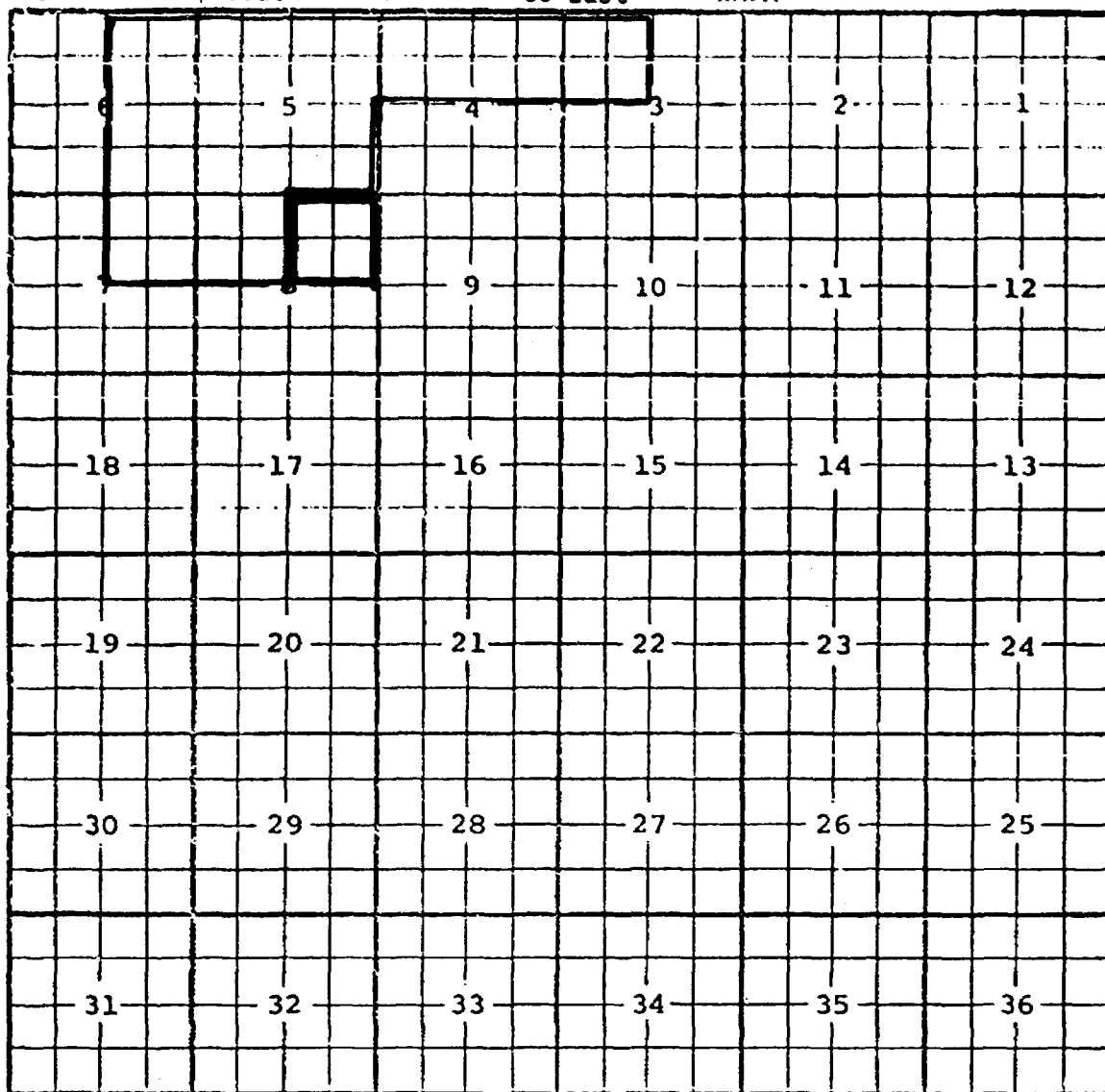
Completed June 30, 1977, in the San Andres formation. Top of perforations 3734 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 1: NE/4

COUNTY CHAVES POOL CATO-SAN ANDRES

TOWNSHIP 9 South RANGE 30 East NMIM



Shell Oil Company Thelma Crosby C Well #1 in Unit A of Section 8, T9S, R30E.
Completed July 1, 1977, in the San Andres formation. Top of perforations 3313'.

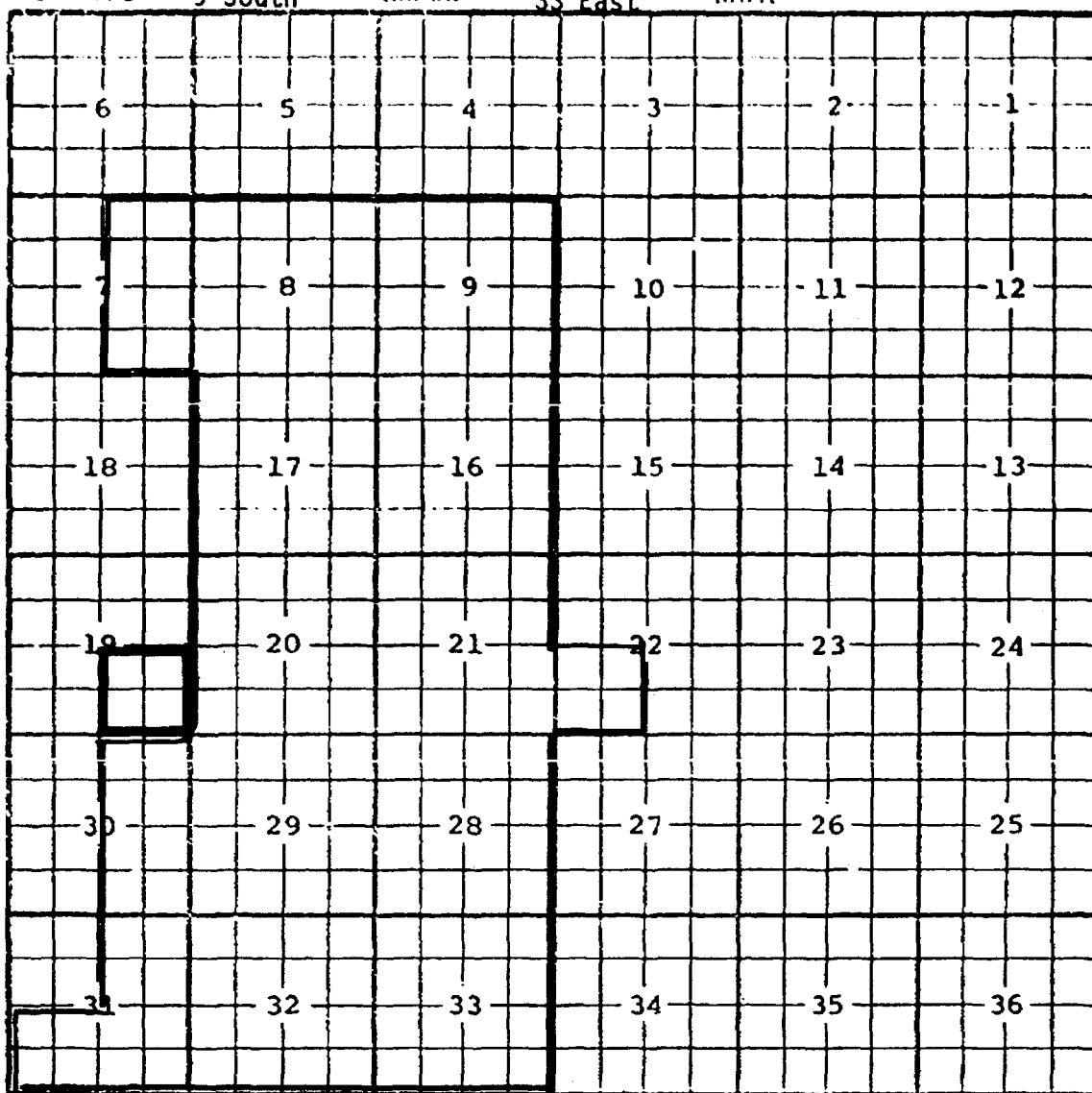
Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 8: NE/4

CASE NO. 6037 (p) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL FLYING "M" SAN ANDRES

TOWNSHIP 9 South RANGE 33 East NMIM

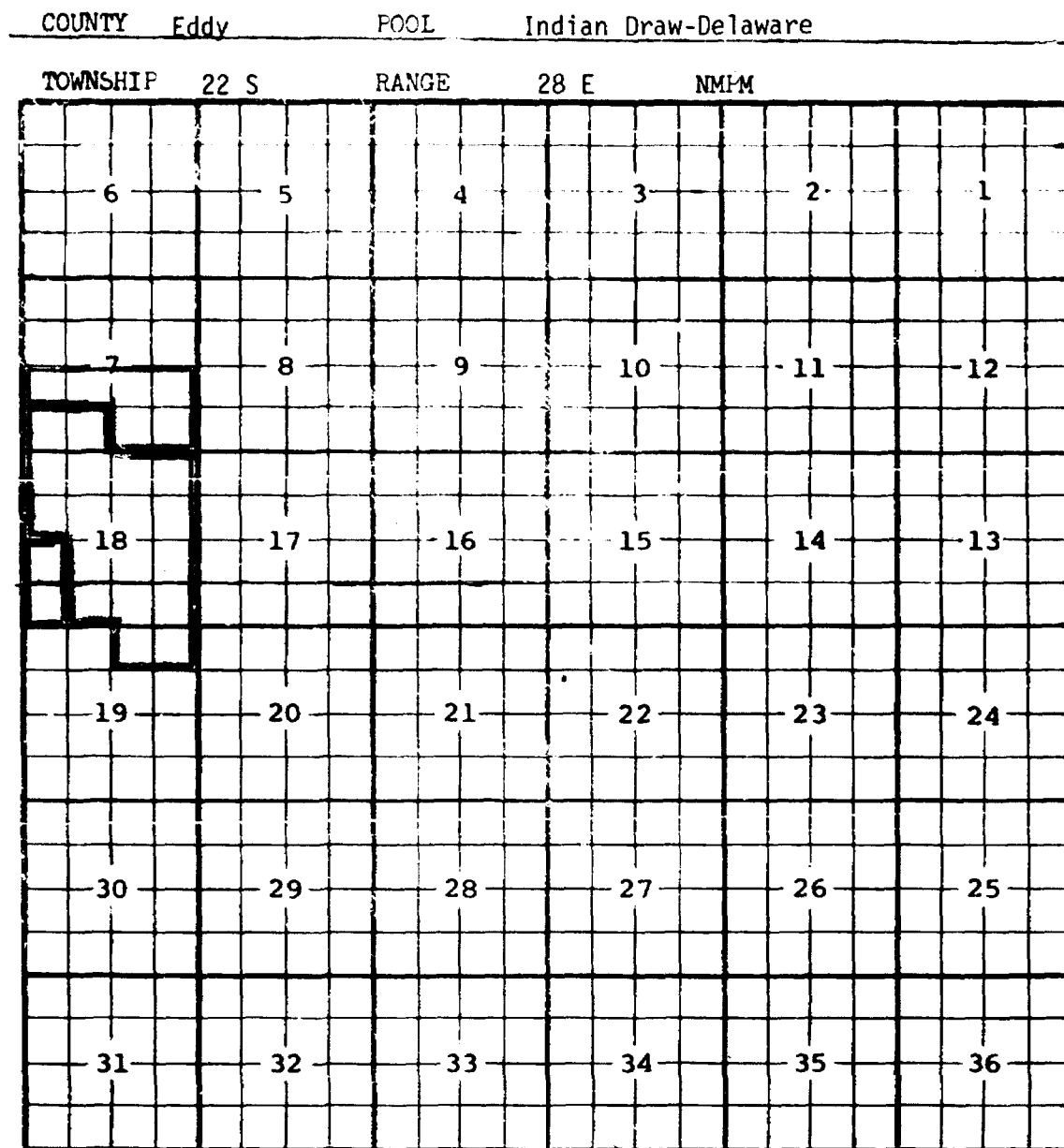


PURPOSE: One completed oil well capable of producing
Southern Union Supply Company, Susco State #1-P in Section 19, T9S, R33E
Completed July 8, 1977, in the San Andres formation. Top of perforations 4325'.

Pool Boundary outlined in red.

Proposed pool extension outlined in green. SECTION 19: SE/4

CASE NO. 6037 (q) EXTENSION OF AN EXISTING OIL POOL



Purpose: Six completed oil wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
Amoco Prod. Co.	Old Indian Draw Ut.	19-K-	7-22-28	4-25-77	Delaware	3308
"	"	"	"	21-0-	7-22-28	6-13-77 Delaware 3289
"	"	"	"	22-L-18-22-28	7-24-77	Delaware 3215
"	"	"	"	23-L-	7-22-28	5-29-77 Delaware 3293
"	"	"	"	24-J-	7-22-28	6-22-77 Delaware 3298
"	"	"	"	35-I-	7-22-28	8- 1-77 Delaware 3333

Pool boundary outlined in red.

Proposed extension outlined in blue.

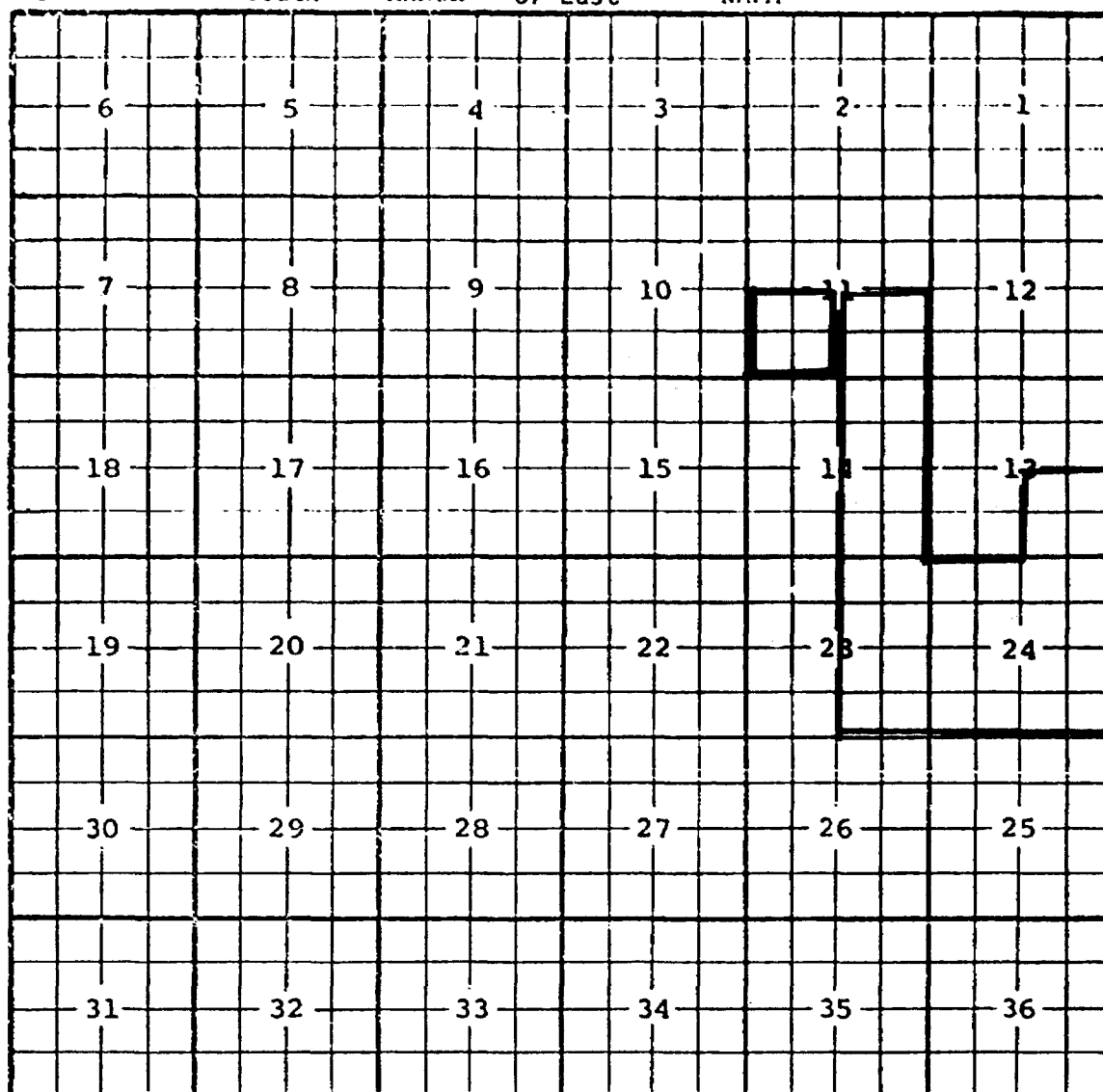
Section 7: SE/4 & N/2 SW/4

Section 18: W/2 SW/4

CASE NO. 6037 (r) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SOUTH LEONARD-QUEEN

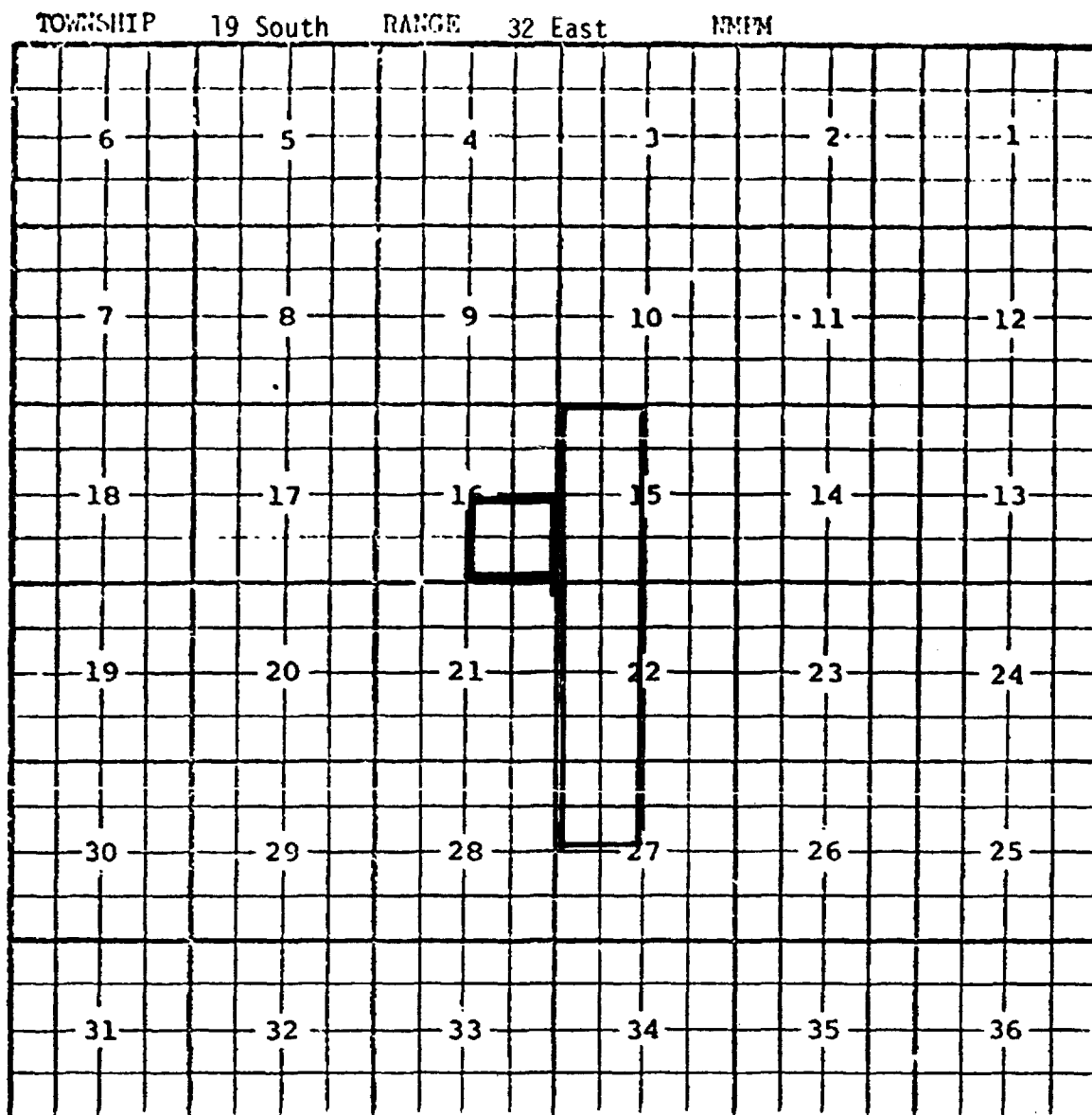
TOWNSHIP 26 South RANGE 37 East NMFM



PURPOSE: To take in dedicated acreage to Tenneco Oil Company Leonard Fed. #2-N in Section 11, T26S, R37E.

Pool boundary outlined in red.

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



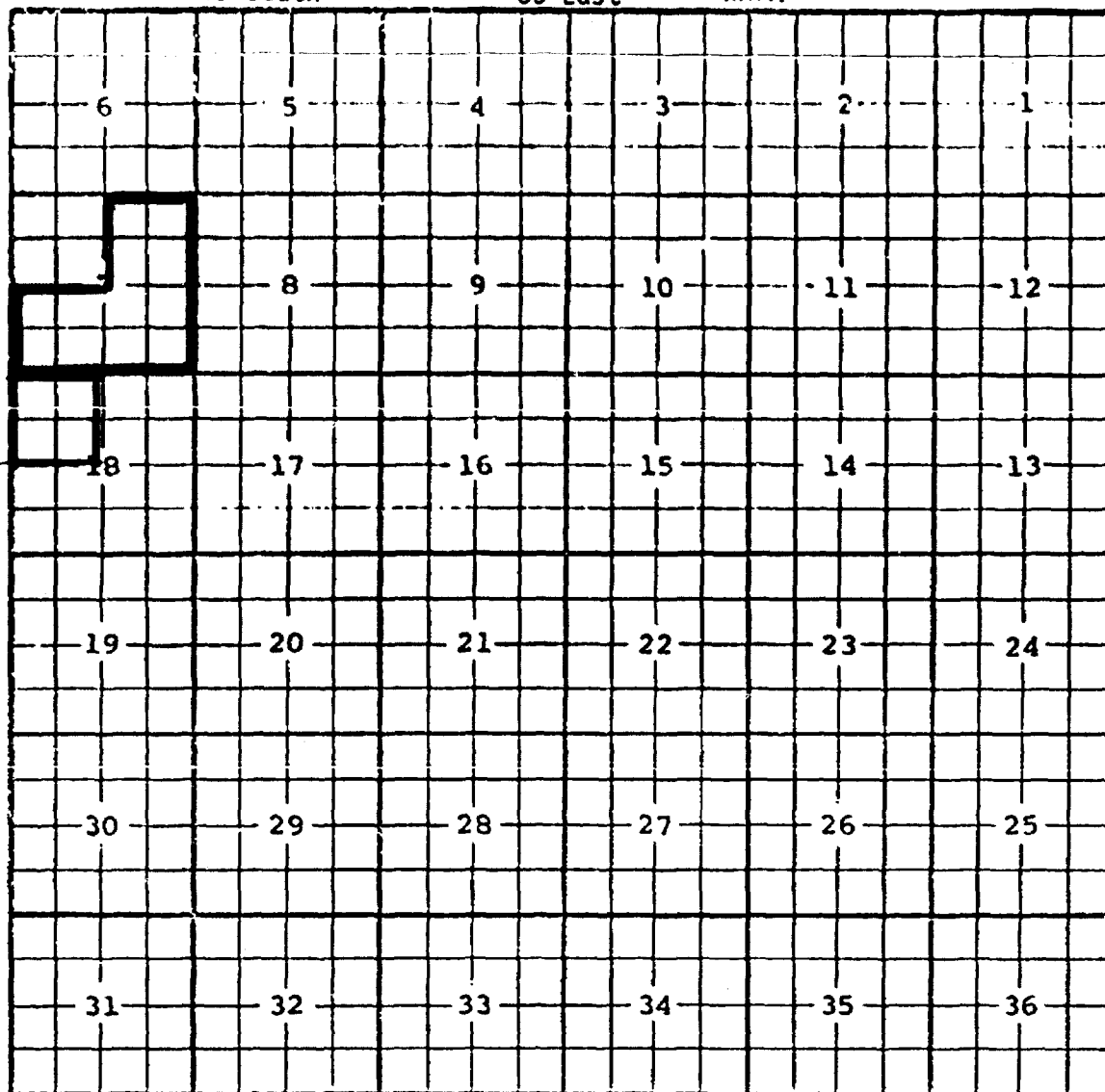
PURPOSE: One completed oil well capable of producing.
Petroleum Development Corporation CleveRock Pedco State Well #1-1
in Section 16, T19S, R32E. Completed September 7, 1974, in the Bone Springs
formation. Top of perforations 9884 feet.

Pool boundary outlined in red.
Proposed pool extension outlined in green. SECTION 16: SE/4

CASE NO. 6037 (t) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL WEST TONTO-PENNSYLVANIAN GAS

TOWNSHIP 19 South RANGE 33 East NMPM



PURPOSE: One completed gas well capable of producing.

Inexco Oil Company, Federal #1-H in Section 7, T19S, R33E. Completed in the Morrow formation on June 10, 1977. Top of perforations 13,320 feet.

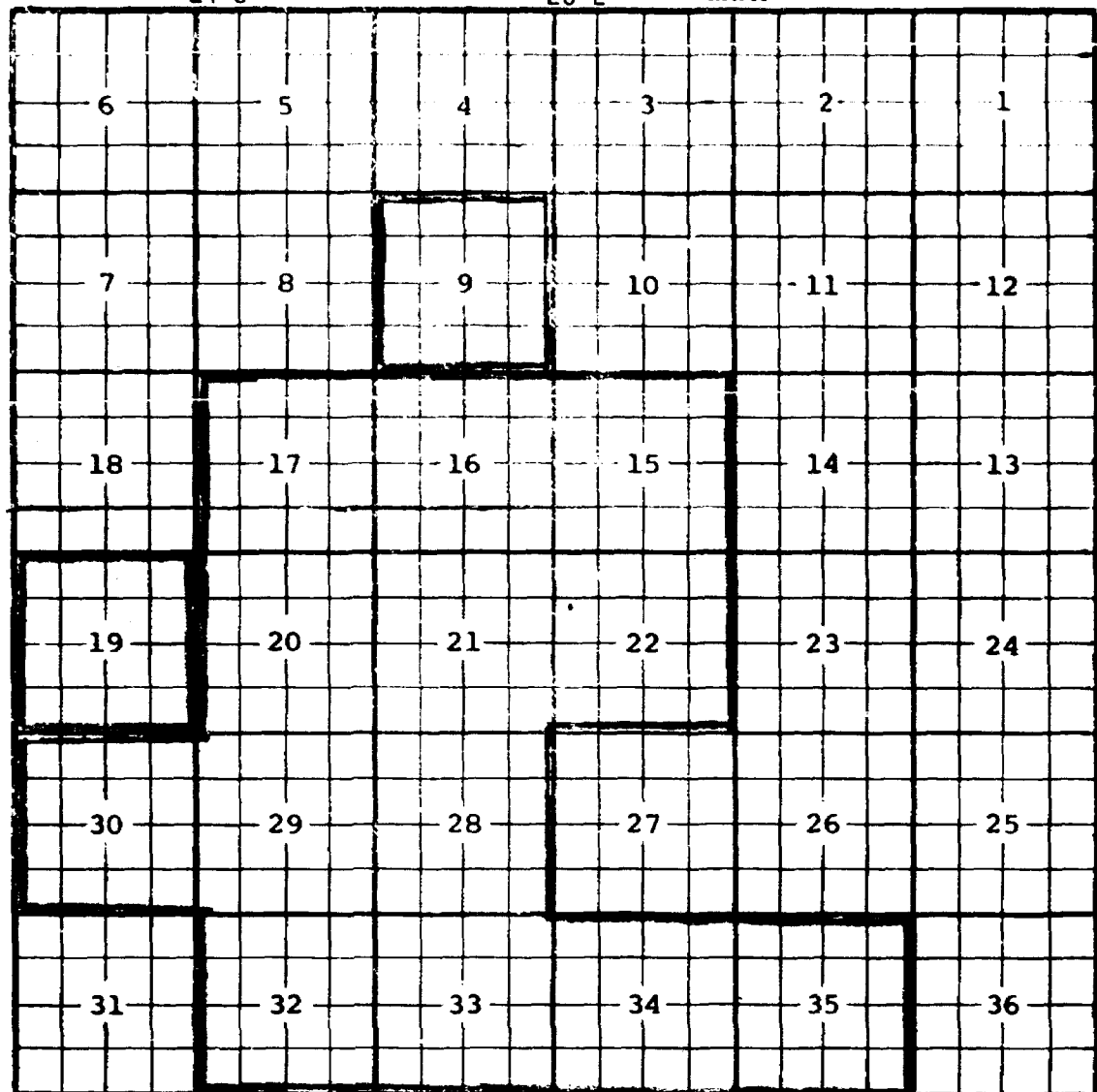
Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 7: S/2 & NE/4

CASE NO. 6037 (u) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL White City-Pennsylvanian Gas

TOWNSHIP 24 S RANGE 26 E NMPM



Purpose: Two completed gas wells capable of producing.

Operator	Lease	#&Ut.	S.T.R.	Comp.	Form.	TOP
C & K Petr., Inc.	Pennzoil 9 Fed.	1-J	9-24-26	5-11-77	Morrow	11318
Gulf Oil Corp.	Estill "AD" Fed.	1-J	19-24-26	6-28-77	Morrow	11431

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 9: ALL

Section 19: ALL

NOMENCLATURE ADVERTISEMENT FOR SEPTEMBER 1977

CASE NO. 6037

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Eddy and Lea Counties, New Mexico, 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.

(a) CREATE a new pool in pool in Eddy County, New Mexico, classified as a gas pool for Delaware production and designated as the Combs-Delaware Gas Pool. The discovery well is Penroc Oil Corporation Combs Federal Well No. 1 located in Unit P of Section 15, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 15: SE/4

(b) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the East Lake-Morrow Gas Pool. The discovery well is Coquina Oil Corporation Gulf Federal Well No. 1 located in Unit A of Section 5, Township 19 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 5: N/2

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Cisco production and designated as the Hume-Cisco Pool. The discovery well is Vaquero Independent Producers, Inc. Jackrabbit Draw Com Well No. 1 located in Unit L of Section 15, Township 16 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 15: SW/4

(d) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the West Malaga-Morrow Gas Pool. The discovery well is HNG Oil Company Ogden 8 Com Well No. 1 located in Unit H of Section 8, Township 24 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 8: E/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Millman-Atoka Gas Pool. The discovery well is Depco, Inc. DHY State B Well No. 1 located in Unit L of Section 11, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 11: W/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Abo production and designated as the Pearsall-Abo Pool. The discovery well is Harvey E. Yates Company, Inc. South Maljamar Deep Well No. 1 located in Unit O of Section 30, Township 17 South, Range 32 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 30: SE/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Bone Springs production and designated as the Penlon-Bone Springs Pool. The discovery well is Penroc Oil Corporation Allied 8 Well No. 1 located in Unit K of Section 27, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: SW/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Delaware production and designated as the Penlon-Delaware Gas Pool. The discovery well is Penroc Oil Corporation Allied Com Well No. 2 located in Unit B of Section 27, Township 20 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: NE/4

Nomenclature Advertisement - September 1977

(i) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Morrow production and designated as the Rock Lake-Morrow Gas Pool. The discovery well is Union Oil Company of California Northern Natural State Well No. 1 located in Unit 0 of Section 28, Township 22 South, Range 35 East, NMPM. Said pool would comprise:

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 28: S/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 27: A11
Section 34: N/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 24: A11
Section 25: E/2
Section 36: A11

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 16: A11
Section 18: A11
Section 19: A11
Section 20: S/2
Section 21: A11
Section 29: A11
Section 30: A11
Section 31: A11
Section 32: A11
Section 33: W/2

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 4: Lots 3,4,5,6,11,12,13, & 14
Section 5: A11
Section 8: S/2
Section 17: A11
Section 20: A11
Section 29: W/2
Section 30: A11
Section 31: N/2
Section 32: W/2

(l) EXTEND the North Burton-Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 32: SW/4

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

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 13: N/2

(n) EXTEND the East Carlsbad-Wolfcamp Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 35: S/2

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NE/4

(p) EXTEND the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH RANGE 33 EAST, NMPM
Section 19: SE/4

Nomenclature Advertisement - September 1977

(q) EXTEND the Indian Draw-Delaware Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 7: SE/4 and N/2 SW/4
Section 18: W/2 SW/4

(r) EXTEND the South Leonard-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 11: SW/4

(s) EXTEND the East Lusk-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 16: SE/4

(t) EXTEND the West Tonto-Pennsylvanian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 7: S/2 and NE/4

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

TOWNSHIP 24 SOUTH, RANGE 26 EAST, NMPM
Section 9: All
Section 19: All

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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. 6037
ORDER NO. _____

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 September 14, 1977, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this _____ day of September, 1977, 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 Delaware formation, said pool to bear the designation of Combs-Delaware Gas Pool. Said Combs-Delaware Gas Pool was discovered by the Penroc Oil Corporation Combs Federal Well No. 1 located in Unit P of Section 15, Township 20 South, Range 27 East, NMPM. It was completed in the Delaware formation on June 5, 1974. The top of the perforations is at 2822 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 Morrow formation, said pool to bear the designation of East Lake-Morrow Gas Pool. Said East Lake-Morrow Gas Pool was discovered by the Coquina Oil Corporation Gulf Federal Well No. 1 located in Unit A of Section 5, Township 19 South, Range 27 East, NMPM. It was completed in the Morrow formation on February 8, 1974. The top of the perforations is at 9618 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of Hume-Cisco Pool. Said Hume-Cisco Pool was discovered by the Vaquero Independent Producers, _____ Buckrabbit Draw Com Well No. 1 located in Unit L of Section 15, Township 16 South, Range 33 East, NMPM. It was completed in the Cisco formation on February 8, 1977. The top of the perforations is at 11,230 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 Morrow formation, said pool to bear the designation of West Malaga-Morrow Gas Pool. Said West Malaga-Morrow Gas Pool was discovered by the HNG Oil Company Ogden 8 Com Well No. 1 located in Unit H of Section 8, Township 24 South, Range 28 East, NMPM. It was completed in the Morrow formation on June 17, 1977. The top of the perforations is at 12,216 feet.

(6) 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 Millman-Atoka Gas Pool. Said Millman-Atoka Gas Pool was discovered by the Depco, Inc. DHY State B Well No. 1 located in Unit L of Section 11, Township 19 South, Range 28 East, NMPM. It was completed in the Atoka formation on May 13, 1977. The top of the perforations is at 10,458 feet.

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ORDER NO. _____

(7) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Abo formation, said pool to bear the designation of Pearsall-Abo Pool. Said Pearsall-Abo Pool was discovered by the Harvey E. Yates Company, Inc. South Maljamar Deep Well No. 1 located in Unit O of Section 30, Township 17 South, Range 32 East, NMPM. It was completed in the Abo formation on November 24, 1976. The top of the perforations is at 8,938 feet.

(8) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Bone Springs formation, said pool to bear the designation of Penlon-Bone Springs Pool. Said Penlon-Bone Springs Pool was discovered by the Penroc Oil Corporation Allied B Well No. 1 located in Unit K of Section 27, Township 20 South, Range 27 East, NMPM. It was completed in the Bone Springs formation on January 13, 1975. The top of the perforations is at 6,472 feet.

(9) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Delaware formation, said pool to bear the designation of Penlon-Delaware Gas Pool. Said Penlon-Delaware Gas Pool was discovered by the Penroc Oil Corporation Allied Com Well No. 2 located in Unit B of Section 27, Township 20 South, Range 27 East, NMPM. It was completed in the Delaware formation on July 20, 1975. The top of the perforations is at 2,788 feet.

(10) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Rock Lake-Morrow Gas Pool. Said Rock Lake-Morrow Gas Pool was discovered by the Union Oil Company of California Northern Natural State Well No. 1 located in Unit O of Section 28, Township 22 South, Range 35 East, NMPM. It was completed in the Morrow formation on May 30, 1977. The top of the perforations is at 13,557 feet.

(11) That there is need for certain extensions to the Cato-San Andres Pool in Chaves County, New Mexico, the Avalon-Morrow Gas Pool, the North Burton-Pennsylvanian Gas Pool, the Burton Flat-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the South Carlsbad-Morrow Gas Pool, the Indian Draw-Delaware Pool, and the White City-Pennsylvanian Gas Pool, all in Eddy County, New Mexico, and the Flying "M" San Andres Pool, the South Leonard-Queen Pool, the East Lusk-Bone Springs Pool, and the West Tonto-Pennsylvanian Gas 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 Delaware production, is hereby created and designated as the Combs-Delaware Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 15: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 5: N/2

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

TOWNSHIP 16 SOUTH, RANGE 33 EAST, NMPM
Section 15: SW/4

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 8: E/2

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 11: W/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 30: SE/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 27: NE/4

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

TOWNSHIP 22 SOUTH, RANGE 35 EAST, NMPM
Section 28: S/2

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

TOWNSHIP 20 SOUTH, RANGE 27 EAST, NMPM
Section 22: S/2
Section 27: All
Section 34: N/2

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

TOWNSHIP 19 SOUTH, RANGE 29 EAST, NMPM
Section 32: SW/4

(l) 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 27 EAST, NMPM
Section 24: All
Section 25: E/2
Section 36: All

TOWNSHIP 20 SOUTH, RANGE 28 EAST, NMPM
Section 16: All
Section 18: All
Section 19: All
Section 20: S/2
Section 21: All
Section 29: All
Section 30: All
Section 31: All
Section 32: All
Section 33: W/2

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TOWNSHIP 21 SOUTH, RANGE 27 EAST, NMPM
Section 4: Lots 3, 4, 5, 6, 11, 12, 13, & 14
Section 5: All
Section 8: S/2
Section 17: All
Section 20: All
Section 29: W/2
Section 30: All
Section 31: N/2
Section 32: W/2

(m) That the East Carlsbad-Wolfcamp 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
Addition ----- Section 27: W/2
Addition ----- Section 34: All
Section 35: S/2

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

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM
Section 13: N/2

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

TOWNSHIP 8 SOUTH, RANGE 30 EAST, NMPM
Section 1: NE/4

TOWNSHIP 9 SOUTH, RANGE 30 EAST, NMPM
Section 8: NE/4

(p) That the Flying "M" San Andres 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 19: SE/4

(q) That the Indian Draw-Delaware Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 7: SE/4 and N/2 SW/4
Section 18: W/2 SW/4

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

TOWNSHIP 26 SOUTH, RANGE 37 EAST, NMPM
Section 11: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
Section 16: SE/4

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM
Section 7: S/2 and NE/4

(u) 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 9: All
Section 19: All

CASE NO. 6037
ORDER NO. _____

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 Form 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 October 1, 1977.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

PHIL R. LUCERO, Chairman

EMERY C. ARNOLD, Member

JOE D. RAMEY, Member & Secretary

S E A L