

CASE 7260: SOUTHEAST NOMENCLATURE
FOR MAY, 1981

Case No.

7260

Application

Transcripts

Small Exhibits

ETC

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

EXAMINER HEARING

IN THE MATTER OF:

The hearing called by the Oil Conser-
vation Division on its own motion for
an order creating, abolishing, con-
tracting vertical limits, and extending
horizontal limits of certain pools in
Eddy, Lea, and Roosevelt Counties, New
Mexico.

CASE
7260

BEFORE: Daniel S. Nutter

TRANSCRIPT OF HEARING

A P P E A R A N C E S

For the Oil Conservation
Division:

Ernest L. Padilla, Esq.
Legal Counsel to the Division
State Land Office Bldg.
Santa Fe, New Mexico 87501

For the ~~Applicant~~ Amoco
Production Company:

Clyde L. Mote, Esq.
AMOCO PRODUCTION COMPANY
Houston, Texas

I N D E X

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CARL ULVOG

Direct Examination by Mr. Padilla

Statement by Mr. Mote

E X H I B I T S

Division Exhibit One, Plats

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MR. NUTTER: Call next Case Number 7260.

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which is in the matter of the hearing called by the OCD on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico.

MR. MOTE: Mr. Examiner, I'm Clyde Mote appearing on behalf of Amoco Production Company, in association with Atwood and Malone.

I'd like to make a statement in connection with one of the items on that.

MR. NUTTER: Very good.

MR. PADILLA: And, Mr. Examiner, I enter an appearance in behalf of the Division.

(Witness sworn.)

CARL ULVOG

being called as a witness and being duly sworn upon his oath, testified as follows, to-wit:

DIRECT EXAMINATION

BY MR. PADILLA:

Q Mr. Ulvog, for the record would you please state your name, by whom you're employed, and in what

1
2 capacity?

3 A. Yes, sir. Carl Ulvog, Senior Geologist
4 for the Oil Conservation Division and I'm based in Santa Fe.

5 Q. And, Mr. Ulvog, are you prepared to make
6 recommendations to the Division concerning the nomenclature
7 of certain pools in Eddy, Lea, and Roosevelt Counties, New
8 Mexico?

9 A. Yes, sir, I am.

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

12 A. Yes, sir, I have one exhibit, a series
13 of plats that are identified according to the docket.

14 Q. Would you point out any substantial
15 difference between the docket that has been prepared today
16 and your exhibit for the Examiner?

17 A. We have only one change and that is in
18 the case of paragraph (n) extending the Bull's Eye-San Andres
19 Pool in Eddy County, New Mexico.

20 That should be dismissed because of an
21 error in the advertisement.

22 Otherwise there are no changes.

23 MR. NUTTER: That was advertised to
24 extend the Bull's Eye-San Andres Pool in Eddy County, New
25 Mexico, Mr. Ulvog, and in reality that pool's in Chaves

County, is that correct?

A. That's correct.

MR. NUTTER: So we just dismiss paragraph (n).

Now, with respect to paragraph (cc), that calls for the contraction of the vertical limits of the Shugart-Pennsylvanian Pool to include the Morrow formation only, and the redesignation of said pool as the Shugart-Morrow Gas Pool, and the extension of the horizontal limits of the pool to include the north half of Section 26, Township 18 South, Range 31 East, is that correct?

A. That is correct.

MR. NUTTER: Mr. Mote, did you have any remarks to make concerning that paragraph?

MR. MOTE: Yes, sir. Amoco Production Company has a well, and probably the only well, that would be subject to being hurt by the contraction of the vertical limits as suggested.

We have our Greenwood Unit No. 2 Well. This well was total depth and perforated in December of 1957 and it was perforated both in the Atoka and the Morrow initially at that time.

It was potentialized in 1958 and has -- was tested just recently in March of 1981, making 185-million

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2 cubic feet, 185 Mcf per day, and 3 barrels per day of conden-
3 sate.

4 It has a cumulative of about 11.4 Bcf
5 of gas and 233,000 barrels of condensate.

6 Since it was perfed both in the Atoka
7 and the Morrow, we would like for this particular well, at
8 least, to be grandfathered in. It's been producing from both
9 zones in a commingled manner since 1957, and we also believe
10 that it would be a very high risk workover to attempt segre-
11 gation of the Atoka and Morrow and would possibly kill both
12 zones if we attempted to go down and separate those zones.

13 We'd ask for an exception as to this
14 one well.

15 MR. NUTTER: In other words, if the
16 pool limits were contracted from Pennsylvanian to Morrow
17 only, that would leave the well producing from the Shugart-
18 Morrow Gas Pool and also an undesignated Atoka interval, is
19 that correct, Mr. Mote?

20 MR. MOTE: That's correct.

21 MR. NUTTER: And so what you would seek
22 would be authority to commingle that undesignated Atoka with
23 the Morrow production in the wellbore, as has been done since
24 its original completion --

25 A. Yes, sir.

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Q -- in 1957.

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A Yes, sir.

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Q We will make the recommendation that an

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exception to the segregation rules be granted to the Amoco

6

Greenwood Unit No. 2 and it be permitted to continue to com-

7

mingle the Atoka and Morrow zones in the wellbore.

8

Did you have anything further Mr. Ulvog

9

or Mr. Padilla?

10

A I have nothing further.

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MR. PADILLA: I have nothing further

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and I offer Exhibit One into evidence.

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MR. NUTTER: Exhibit One in Case Number

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7260 will be admitted in evidence.

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Does anyone have anything they wish to

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offer in this case?

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The witness may be excused and the case

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will be taken under advisement and the hearing adjourned.

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(Hearing concluded.)

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C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that
the foregoing Transcript of Hearing before the Oil Conserva-
tion Division was reported by me; that the said transcript
is a full, true, and correct record of the hearing, prepared
by me to the best of my ability.

Sally W. Boyd CSR

SALLY W. BOYD, C.S.R.
Rt. 1 Box 193-B
Santa Fe, New Mexico 87501
Phone (505) 455-7409

I do hereby certify that the foregoing is
a complete record of the proceedings in
the Examiner hearing of Case No. 7269
heard by me on 5/10 1981.

[Signature], Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
STATE LAND OFFICE BLDG.
SANTA FE, NEW MEXICO
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Statement by Mr. Mote

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I'd like to make a statement in connec-
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MR. NUTTER: Very good.

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DIRECT EXAMINATION

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please state your name, by whom you're employed, and in what

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3 A. Yes, sir. Carl Ulvog, Senior Geologist
4 for the Oil Conservation Division and I'm based in Santa Fe.

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6 recommendations to the Division concerning the nomenclature
7 of certain pools in Eddy, Lea, and Roosevelt Counties, New
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21 error in the advertisement.

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6 that calls for the contraction of the vertical limits of the

7 Shugart-Pennsylvanian Pool to include the Morrow formation

8 only, and the redesignation of said pool as the Shugart-Morrow

9 Gas Pool, and the extension of the horizontal limits of the

10 pool to include the north half of Section 26, Township 18

11 South, Range 31 East, is that correct?

12 A.

That is correct.

13 MR. NUTTER: Mr. Mote, did you have any

14 remarks to make concerning that paragraph?

15 MR. MOTE: Yes, sir. Amoco Production

16 Company has a well, and probably the only well, that would

17 be subject to being hurt by the contraction of the vertical

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19 We have our Greenwood Unit No. 2 Well.

20 This well was total depth and perforated in December of 1957

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8 least, to be grandfathered in. It's been producing from both
9 zones in a commingled manner since 1957, and we also believe
10 that it would be a very high risk workover to attempt segre-
11 gation of the Atoka and Morrow and would possibly kill both
12 zones if we attempted to go down and separate those zones.

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16 pool limits were contracted from Pennsylvanian to Morrow
17 only, that would leave the well producing from the Shugart-
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19 that correct, Mr. Mote?

20 MR. MOTE: That's correct.

21 MR. NUTTER: And so what you would seek
22 would be authority to commingle that undesignated Atoka with
23 the Morrow production in the wellbore, as has been done since
24 its original completion --

25 A. Yes, sir.

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Q -- in 1957.

3

A Yes, sir.

4

Q We will make the recommendation that an exception to the segregation rules be granted to the Amoco Greenwood Unit No. 2 and it be permitted to continue to commingle the Atoka and Morrow zones in the wellbore.

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Did you have anything further Mr. Ulvog or Mr. Padilla?

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8

A I have nothing further.

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MR. PADILLA: I have nothing further and I offer Exhibit One into evidence.

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12

MR. NUTTER: Exhibit One in Case Number 7260 will be admitted in evidence.

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Does anyone have anything they wish to offer in this case?

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The witness may be excused and the case will be taken under advisement and the hearing adjourned.

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(Hearing concluded.)

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C E R T I F I C A T E

I, SALLY W. BOYD, C.S.R., DO HEREBY CERTIFY that
the foregoing Transcript of Hearing before the Oil Conserva-
tion Division was reported by me; that the said transcript
is a full, true, and correct record of the hearing, prepared
by me to the best of my ability.

Sally W. Boyd CSR

SALLY W. BOYD, C.S.R.
Rt. 1 Box 193-41
Santa Fe, New Mexico 87501
Phone (505) 455-7409

I do hereby certify that the foregoing is
a complete and correct record of the proceedings in
the Examiner hearing of Case No. 7269
heard by me on 5/20 1981.

[Signature], Examiner
Oil Conservation Division

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 7260
Order No. R-6698

THE APPLICATION OF THE OIL CONSERVATION
DIVISION UPON ITS OWN MOTION FOR AN
ORDER CREATING, ABOLISHING, CONTRACTING
VERTICAL LIMITS, AND EXTENDING HORIZONTAL
LIMITS OF CERTAIN EXISTING POOLS IN EDDY,
LEA, AND ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on May 20, 1981,
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 2nd day of June, 1981, the Division
Director, having considered the testimony, the record, and the
recommendations of the Examiner, and being fully advised in the
premises,

FINDS:

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

(2) That there is need for the creation of a new pool in
Lea County, New Mexico, for the production of gas from the Atoka
formation, said pool to bear the designation of West Antelope
Ridge-Atoka Gas Pool. Said West Antelope Ridge-Atoka Gas Pool
was discovered by the Monsanto Company Back Basin Well No. 1
located in Unit I of Section 20, Township 23 South, Range 34 East,
NMPM. It was completed in the Atoka formation on February 15,
1981. The top of the perforations is at 12,620 feet.

(3) That there is need for the creation of a new pool in
Lea County, New Mexico, for the production of gas from the Strawn
formation, said pool to bear the designation of Antelope Ridge-
Strawn Gas Pool. Said Antelope Ridge-Strawn Gas Pool was dis-
covered by the Estoril Production Corporation Curry Federal Well
No. 1 located in Unit I of Section 22, Township 23 South, Range

34 East, NMPM. It was completed in the Strawn formation on January 13, 1981. The top of the perforations is at 12,049 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Montoya formation, said pool to bear the designation of Fowler-Montoya Pool. Said Fowler-Montoya Pool was discovered by the Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. It was completed in the Montoya formation on October 30, 1980. The top of the perforations is at 8664 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Grama Ridge-Atoka Gas Pool. Said Grama Ridge-Atoka Gas Pool was discovered by the Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. It was completed in the Atoka formation on March 13, 1981. The top of the perforations is at 12,851 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of McMillan-Wolfcamp Gas Pool. Said McMillan-Wolfcamp Gas Pool was discovered by the Harbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. It was completed in the Wolfcamp formation on November 19, 1980. The top of the perforations is at 7867 feet.

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Spring formation, said pool to bear the designation of North Osudo-Bone Spring Pool. Said North Osudo-Bone Spring Pool was discovered by the Jake L. Hamon Hamon-Samedan Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. It was completed in the Bone Spring formation on January 19, 1981. The top of the perforations is at 8233 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Palmillo-Wolfcamp Pool. Said West Palmillo-Wolfcamp Pool was discovered by the Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. It was completed in the Wolfcamp

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Case No. 7260
Order No. R-6698

formation on June 11, 1980. The top of the perforations is at 8593 feet.

(9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Scoggin Draw-Atoka Gas Pool. Said Scoggin Draw-Atoka Gas Pool was discovered by the Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. It was completed in the Atoka formation on February 25, 1980. The top of the perforations is at 9344 feet.

(10) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of East Tannehill-Cisco Pool. Said East Tannehill-Cisco Pool was discovered by the Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. It was completed in the Cisco formation on January 20, 1981. The top of the perforations is at 7679 feet.

(11) That there is need for the abolishment of the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Gas Pool.

(12) That there is need for the abolishment of the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Gas Pool.

(13) That there is need for the contraction of the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to the Morrow formation only and the redesignation of said pool to Shugart-Morrow Gas Pool. Further, that the Amoco Production Company Greenwood Unit Well No. 2, located in Unit G of Section 34, Township 18 South, Range 31 East, NMPM, which has been completed in and producing from both the Atoka and Morrow formations since 1958, should be permitted to continue to so produce as commingled Shugart-Morrow and undesignated Atoka but for statistical purposes should be considered to be producing from the Shugart-Morrow Gas Pool only.

(14) That there is need for certain extensions to the Baldrige Canyon-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Diamond Mound-Morrow Gas Pool, the Dublin Ranch-Atoka Gas Pool, the East Empire Yates-Seven Rivers Pool, the North McMillan-Morrow Gas Pool, the Malaga-Morrow Gas Pool, the Shugart-Morrow Gas Pool, and the North

Shugart-Morrow Gas Pool, all in Eddy County, New Mexico, and the Abum-Upper Pennsylvanian Pool, the North Caprock-Mississippian Pool, the Comanche Stateline Tansill-Yates-Seven Rivers-Queen Pool, the Hare-San Andres Gas Pool, the South Kemnitz Atoka-Morrow Gas Pool, the Maljamar-Strawn Pool, the South Salt Lake-Morrow Gas Pool, and the East Weir-Blinebry Pool, all in Lea County, New Mexico, and the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.

(15) That there is need to dismiss the proposed extension to the Bull's Eye-San Andres Pool in Chaves County, New Mexico, due to an error in advertising.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

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Case No. 7260
Order No. R-6698

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 24: N/2

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

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 8: SW/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 1: NW/4 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 3: E/2

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

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM
Section 8: SE/4

(j) That the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

is hereby abolished.

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Case No. 7260
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(k) That the Carlsbad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 15: All

is hereby abolished.

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM
Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM
Section 1: E/2
Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM
Section 6: W/2
Section 7: N/2

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
Section 30: SE/4

(n) That the proposed extension to the Bull's Eye-San Andres Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM
Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM
Section 7: NW/4 SW/4

is hereby dismissed.

(o) That the North Caprock-Mississippian Pool in Lea County, New Mexico, as heretofore classified, defined, and described,

-7-

Case No. 7260

Order No. R-6698

is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM
Section 5: SE/4

(p) 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 22 SOUTH, RANGE 27 EAST, NMPM
Section 14: N/2
Section 15: All
Section 16: E/2
Section 20: E/2
Section 21: All

(q) 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 20 SOUTH, RANGE 26 EAST, NMPM
Section 33: E/2

(r) That the Comanche Stateline Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM
Section 20: E/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 6: S/2

(t) That the Dublin Ranch-Atoka Gas 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 22: S/2
Section 27: N/2

(u) That the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, as heretofore classified, defined, and

-8-

Case No. 7260

Order No. R-6698

described, is hereby extended to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 23: NW/4 SW/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 21: S/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 10: S/2
Section 23: N/2

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

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM
Section 16: NW/4
Section 17: SE/4

-9-

Case No. 7260
Order No. R-6698

(bb) 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 5: Lots 1, 2, 3, 4, 5, 6, 7,
and 8

(cc) That the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Morrow formation only and said pool redesignated to Shugart-Morrow Gas Pool, and the horizontal limits of said Shugart-Morrow Gas Pool extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 26: N/2

Provided however, that the Amoco Production Company Greenwood Unit Well No. 2, located in Unit G of Section 34, Township 18 South, Range 31 East, NMPM, is hereby authorized to commingle undesignated Atoka and Shugart-Morrow production in the wellbore and to report all of said production as Shugart-Morrow Gas Pool production.

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 7: E/2
Section 18: All

(ee) That the East Weir-Blinbry 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 7: N/2 N/2
Section 8: N/2 N/2
Section 9: W/2 NW/4

IT IS FURTHER ORDERED:

(1) That pursuant to Section 70-2-18, NMSA 1978, any well which by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger

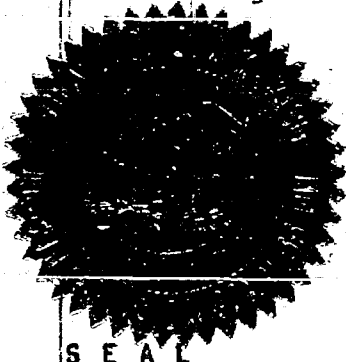
-10-

Case No. 7260
Order No. R-6698

than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be June 1, 1981.

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



STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

Joe D. Ramey
JOE D. RAMEY
Director

S E A L

fd/

CASE 7225: (Continued from April 22, 1981, Examiner Hearing)

Application of Knox Industries, Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox Morrow location of its Maddox Well No. 1 to be drilled 1980 feet from the South line and 660 feet from the West line of Section 12, Township 23 South, Range 34 East, Northeast Antelope Ridge Field, the S/2 of said Section 12 to be dedicated to the well.

CASE 7258: Application of HNC Oil Company for compulsory pooling, Lea County, New Mexico.

Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 32, Township 21 South, Range 35 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for the risk involved in drilling said well.

CASE 7086: (Continued from April 8, 1981, Examiner Hearing)

Application of Blackwood & Nichols Company, Ltd. for designation of a tight formation, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Pictured Cliffs formation underlying portions of Townships 30 and 31 North, Ranges 6, 7, and 8 West, containing 33,500 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 7259: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit New Mexico State University and Fireman's Fund Insurance Company to appear and show cause why two certain geothermal wells, being the New Mexico State University Well No. TG-3 and Well No. DT-4, both located in the NW/4 SE/4 of Section 14, Township 29 South, Range 8 West, Luna County, New Mexico, should not be ordered plugged and abandoned in accordance with a Division-approved plugging program.

CASE 7260: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

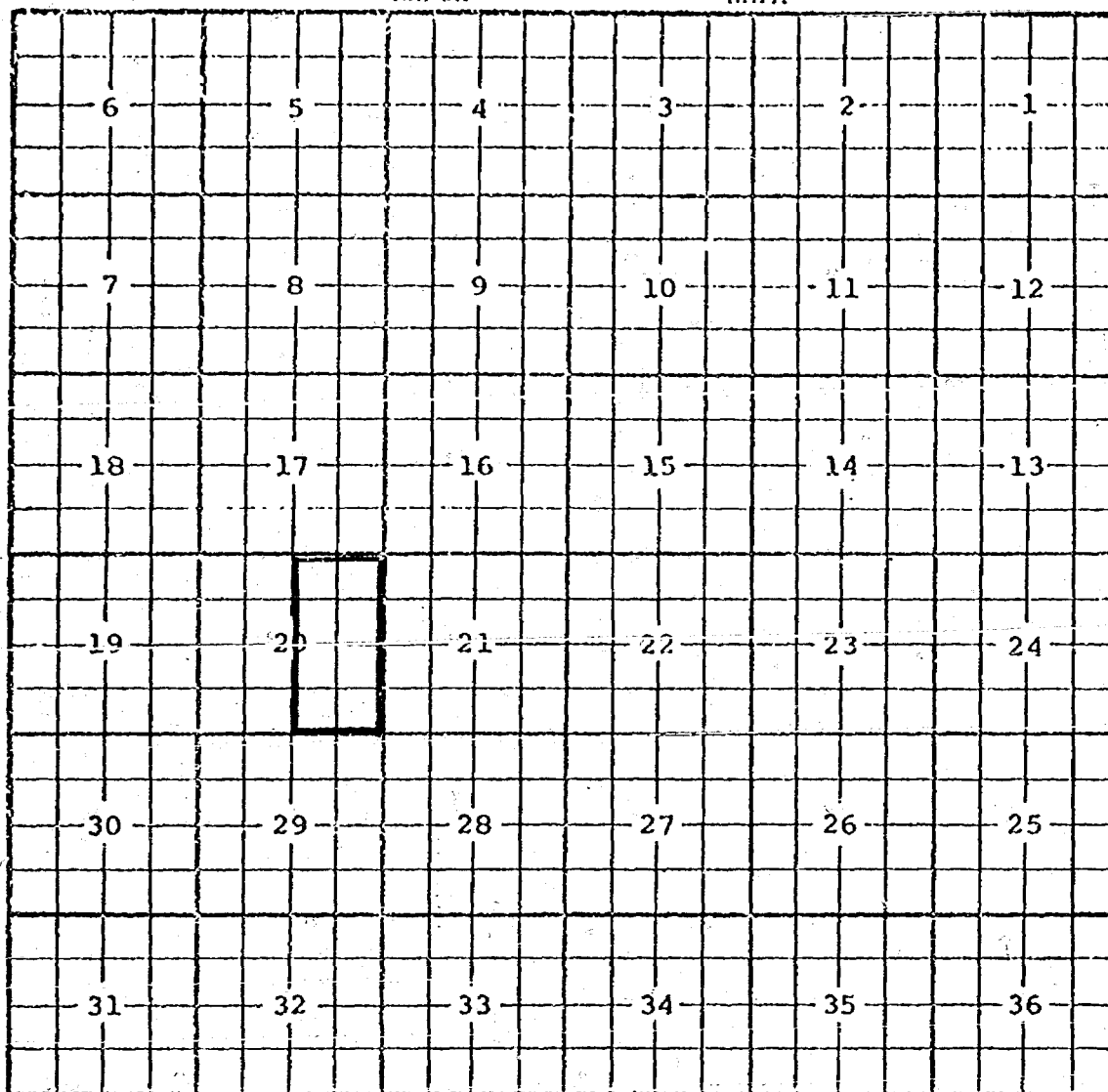
CASE NO. 7260 (a) CREATION OF A NEW GAS POOL

COUNTY LEA POOL WEST ANTELOPE RIDGE-ATOKA GAS

TOWNSHIP 23 South

RANGE 34 East

MMIM



PURPOSE: One completed gas well capable of producing

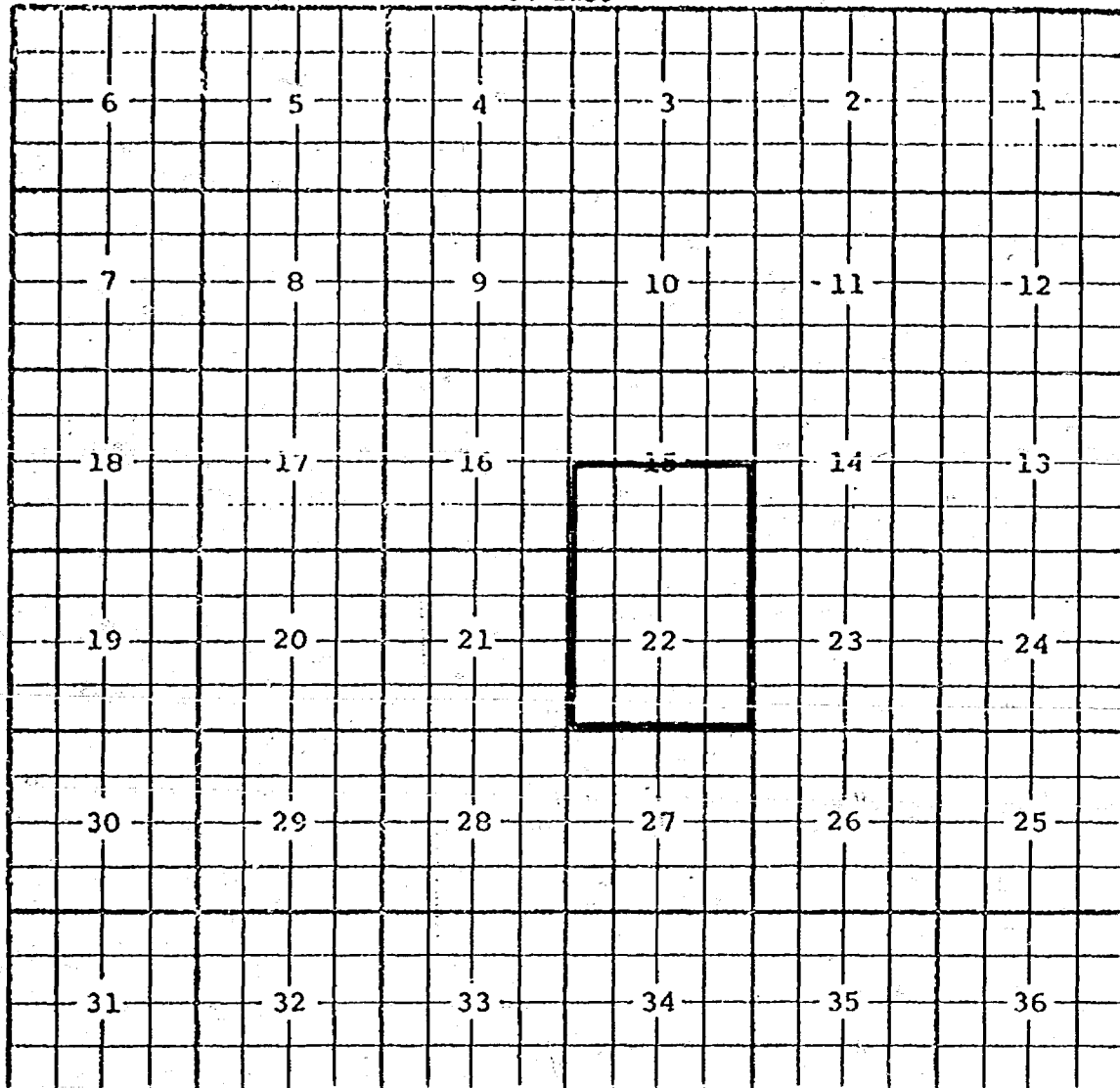
DISCOVERY WELL: Monsanto Company Back Basin Well #1-I in Sec. 20, T23S, R34E, completed Feb. 15, 1981, in the Atoka formation. Top perforation at 12,620'.

Proposed pool boundary outlined in red. SECTION 20: E/2

CASE NO. 7260 (b) CREATION OF A NEW GAS POOL

COUNTY LEA POOL ANTELOPE RIDGE-STRAWN GAS

TOWNSHIP 23 South RANGE 34 East NMIM



PURPOSE: Two completed gas wells capable of producing.

DISCOVERY WELL: Estoril Producing Corporation Curry Federal Well #1-I in Sec. 22, T23S, R34E, completed January 13, 1981, in the Strawn formation.

Top perforation 12,049 feet. Also Estoril Prod. Corp. Belco Fed #1-0 in 15-23-34, completed Feb. 4, 1981, in Strawn formation. Top perf 12,178 ft.

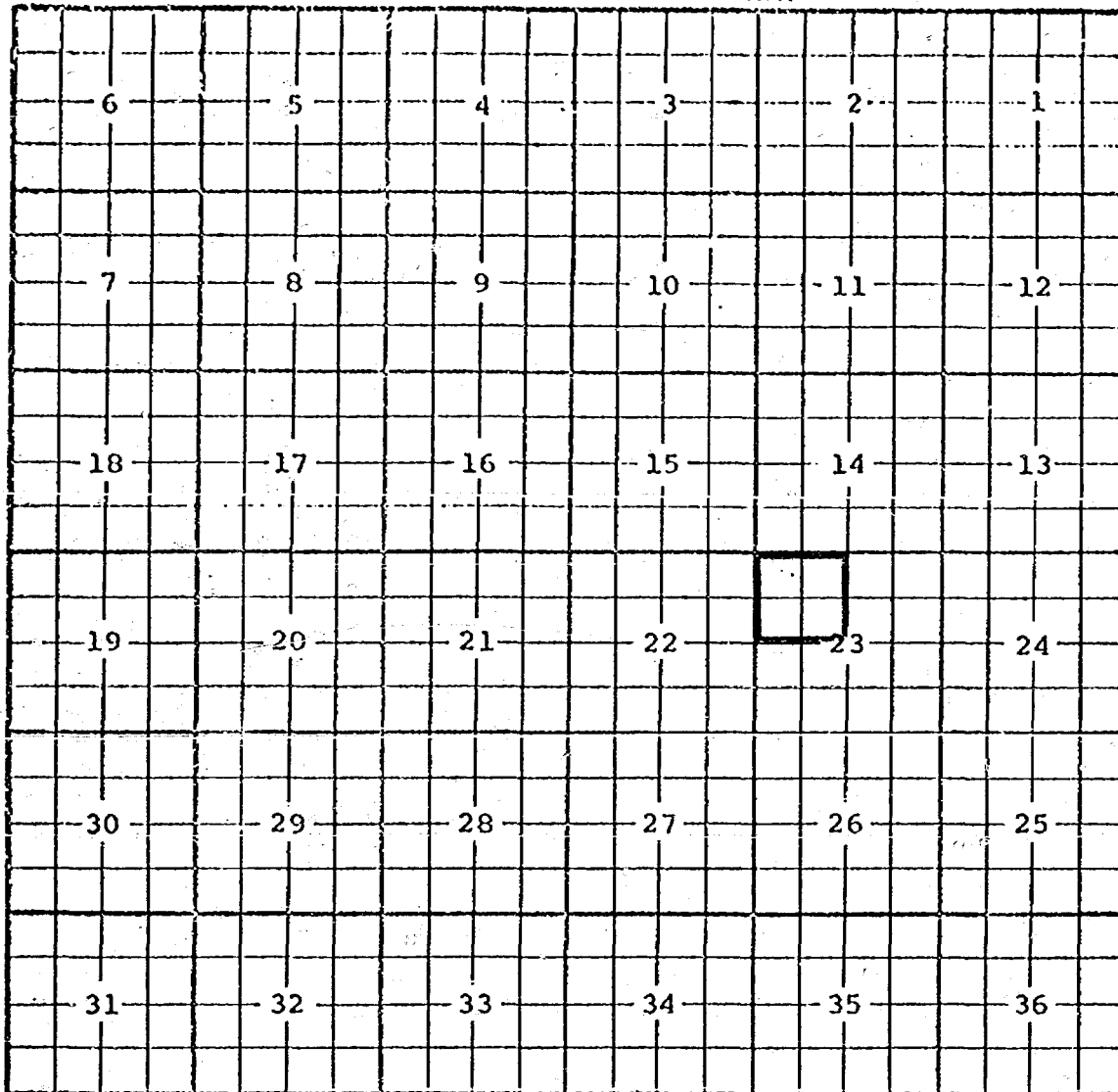
Proposed pool boundary outlined in red. SECTION 15: S/2

Section 22: All

CASE NO. 7260 (c) CREATION OF A NEW OIL POOL

COUNTY LEA POOL FOWLER-MONTOYA

TOWNSHIP 24 South RANGE 37 East NMIM



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Gulf Oil Corporation Lillie Well #1-D in Sec. 23, T24S, R37E, completed Oct. 30, 1980, in the Montoya formation. Top perforation 8,664 feet.

Proposed pool boundary outlined in red. SECTION 23: NW/4

CASE NO. 7260 (d) CREATION OF A NEW GAS POOL

| COUNTY | LEA | POOL | GRAMA RIDGE-ATOKA GAS | | |
|----------|----------|-------|-----------------------|------|----|
| TOWNSHIP | 21 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.

DISCOVERY WELL: Minerals, Inc. Llano 33 State Well #1-J in Sec. 33, T21S, R34E, completed March 13, 1981, in the Atoka formation. Top perforation 12,851 ft.

Proposed pool boundary outlined in red. SECTION 33: S/2

CASE NO. 7260 (e) CREATION OF A NEW GAS POOL
COUNTY Eddy POOL McMillan-Wolfcamp Gas

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

Purpose: One completed gas well capable of producing.

Disc. Well: Marbob Energy Corp. State C.J. Com #1-G, 24-20-26

Comp. 11-19-80, through Wolfcamp perms, from 7867-7062.

Proposed pool boundary outlined in blue.

Section 24: N/2

CASE NO 7260 (f) CREATION OF A NEW OIL POOL
COUNTY LEA POOL NORTH OSUDO-BONE SPRING

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

PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Jake L. Hamon, Hamon-Samedan Petty #1-N in Sec. 8, T20S, R36E, completed January 19, 1981, in the Bone Spring formation. Top perf 8233 ft.

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

CASE NO. 7260 (g) CREATION OF A NEW OIL POOL.

COUNTY Eddy POOL West Palmillo-Wolfcamp Pool

TOWNSHIP 19S RANGE 28E NMPM

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

Purpose: One completed oil well capable of producing.

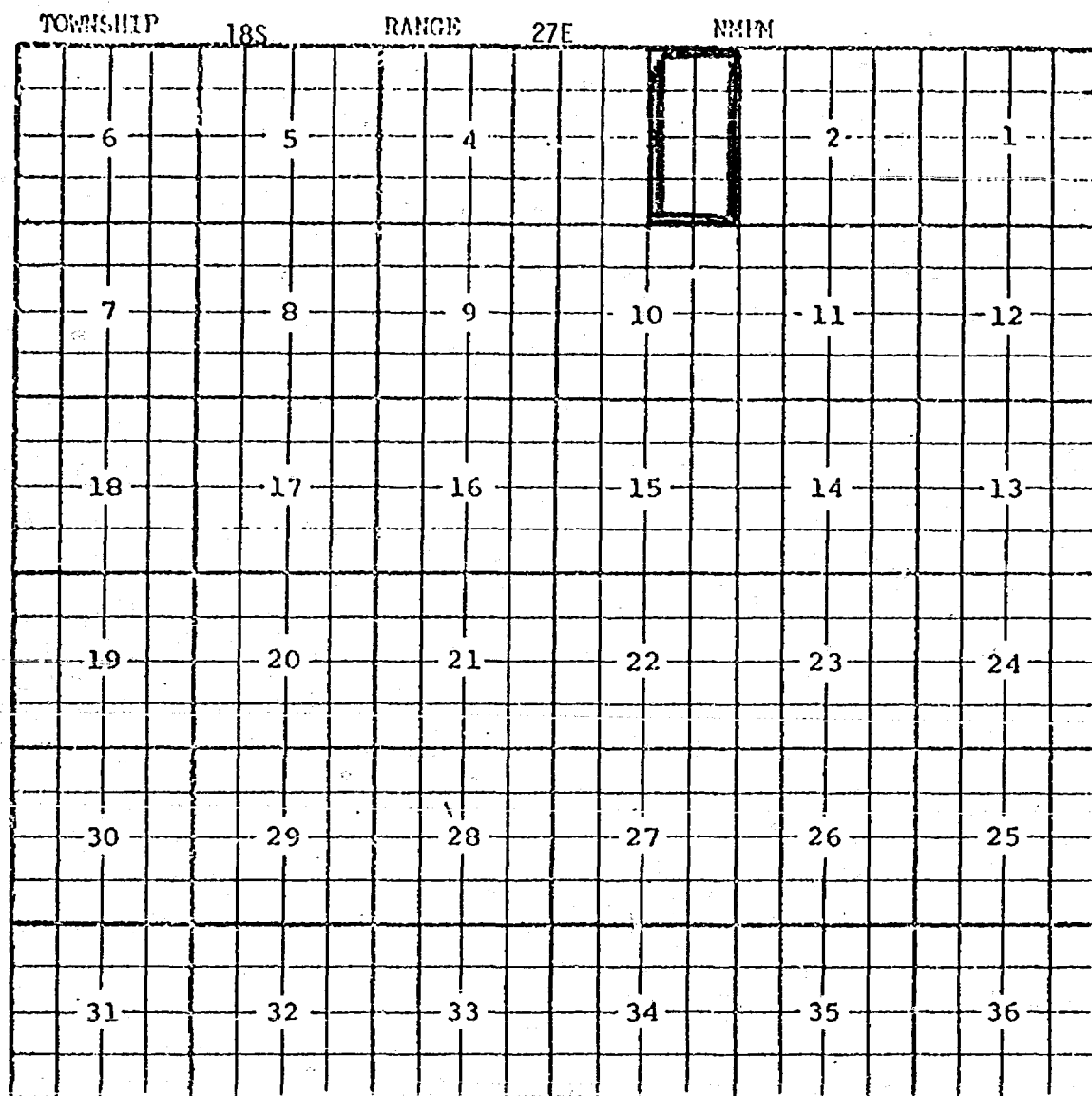
Disc. Well: Bass Enterprises Prod. Co. Palmillo St. #1-J, 1-19-28

Completed 6-11-80, through Wolfcamp perms 8693-8795'

Proposed pool boundary outlined in blue.

Section 1: NW/4 SE/4

CASE NO. 7260 (h) CREATION OF A NEW GAS POOL
COUNTY Eddy POOL Scoggin Draw-Atoka Gas



Purpose: One completed gas well capable of producing.

Disc. well: Amoco Prod. Co. Federal F Gas Com #1-G, 3-18-27

Comp. 2-25-80, through Atoka perms, 9344-56'

Proposed pool boundary outlined in blue.

Section 3: E/2

CASE NO. 7260 (i) CREATION OF A NEW OIL POOL
COUNTY ROOSEVELT POOL EAST TANNEYHILL-CISCO

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

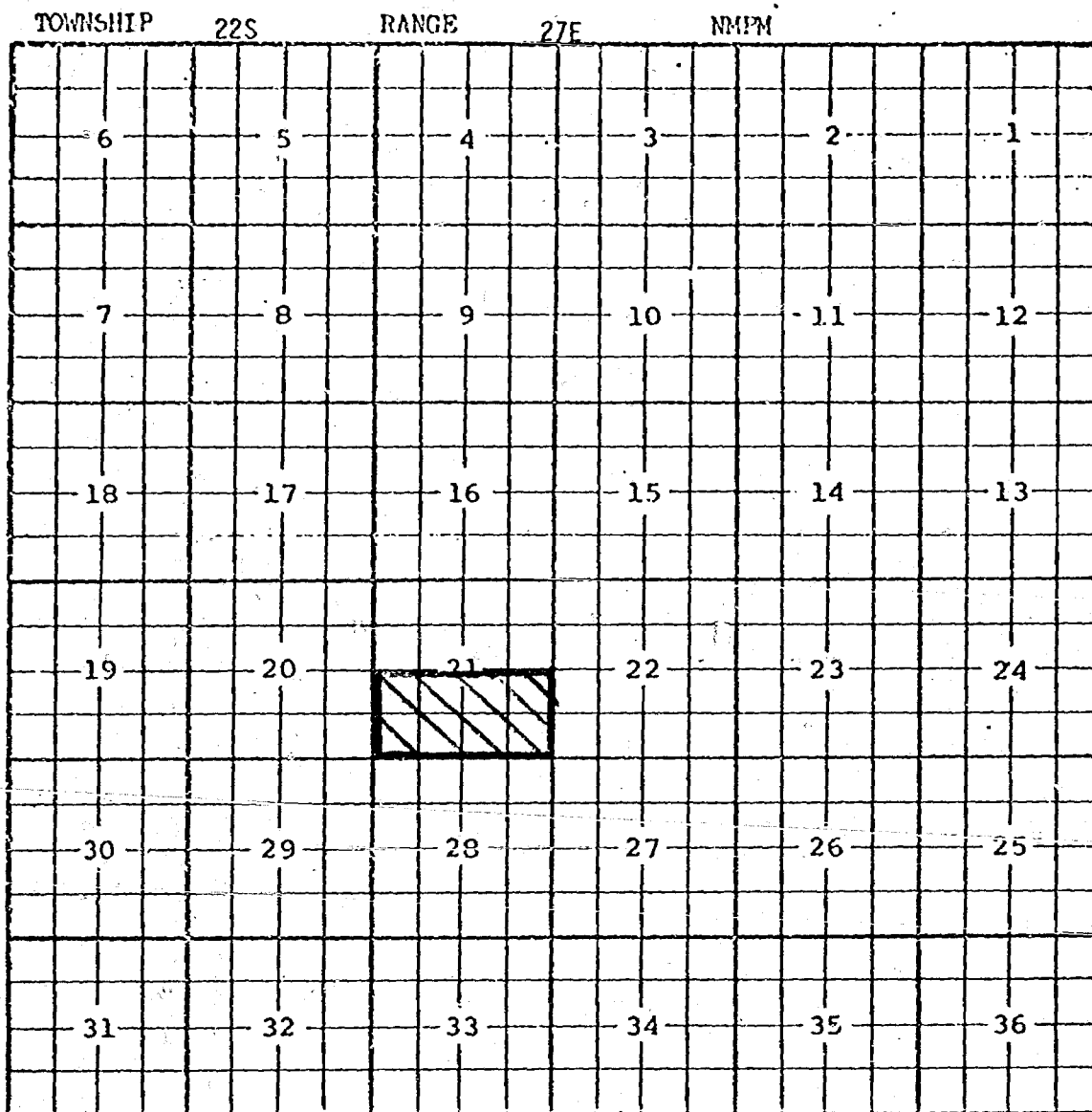
PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Energy Reserves Group, Inc. El Paso State Well #1-P in
Sec. 8, T6S, R34E, completed January 20, 1981, in the Cisco formation.

Top perf 7679 ft.

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

CASE NO. 7260 (j) ABOLISHMENT OF AN EXISTING GAS POOL
COUNTY Eddy POOL Carlsbad-Canyon Gas



Purpose: Abolish the Carlsbad-Canyon Gas Pool, said acreage to be included in the East Carlsbad-Wolfcamp Gas Pool.

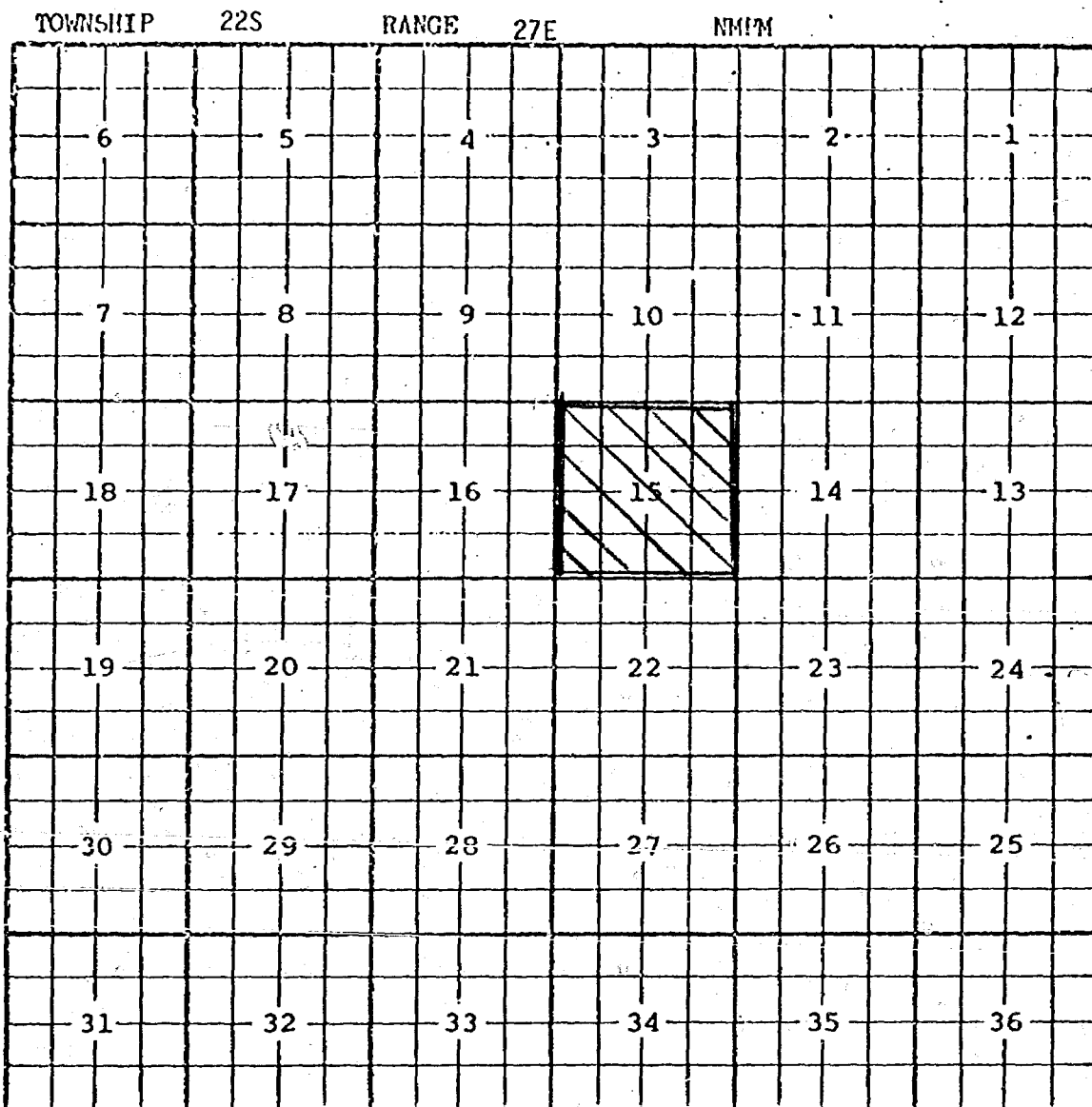
Pool boundary outlined in Red.

Section 21; 5/2

Proposed abolishment hachured in blue.

Section 21; 5/2

CASE NO. 7260 (k) ABOLISHMENT OF AN EXISTING GAS POOL
COUNTY Eddy POOL Carlsbad-Permo-Pennsylvania Gas Pool



Purpose: Abolish the Carlsbad-Permo-Penn. Gas Pool

Said acreage to be included in the East Carlsbad-Wolfcamp Gas Pool.

Pool boundary outlined in red.

Section 15: ALL

Proposed abolishment hachured in blue.

Section 15: ALL

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL (page 1 of 4 pages)

COUNTY Eddy POOL Baldrige Canyon-Morrow Gas

| TOWNSHIP 23S | | | RANGE 24E | | | 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: Five completed gas wells capable of producing

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|-----------------|------------|-------|----------|----------|--------|--------|
| Amoco Prod. Co. | St. IH Com | #1-J | 36-23-24 | 10-20-80 | Morrow | 10207' |
| " | St. IB Com | #1-N | 31-23-25 | 12-13-80 | " | 10496' |
| " | St. IN Com | #1-G | 1-24-24 | 11-17-80 | " | 10535' |
| " | St. HK Com | #1-L | 6-24-25 | 2-5-80 | " | 10640' |
| " | St. IC Com | #1-C | 7-24-25 | 7-30-80 | " | 10830' |

Pool boundary outlined in red.

Proposed extensions outlined in Blue.

Section 36: S/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 2 of 2 pages)
COUNTY Eddy POOL Baldrige Canyon-Morrow Gas

| TOWNSHIP | 23S | 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: See Exhibit I.

Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 31: S/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 3 of 4 Pages)
 COUNTY Eddy POOL Baldridge Canyon-Norrow Gas

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

Purpose: See Exhibit I.

Pool boundary outlined in Red.

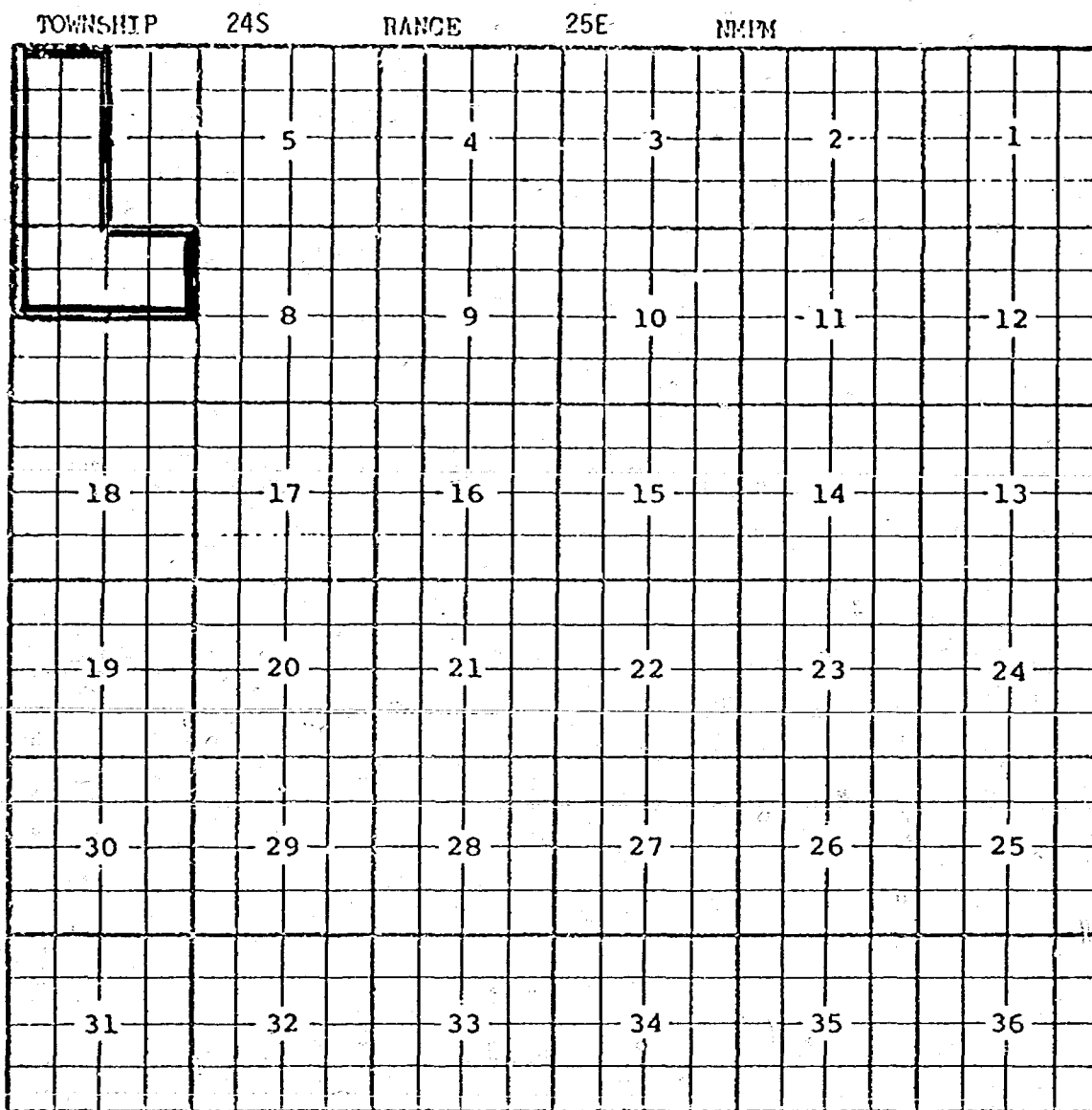
Proposed extension outlined in Blue.

Section 1: E/2

Section 12: E/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. Page 4 of 4 pages

COUNTY Eddy POOL Baldrige Canyon-Morrow Gas



Purpose: See Exhibit I

Pool boundary outlined in Red.

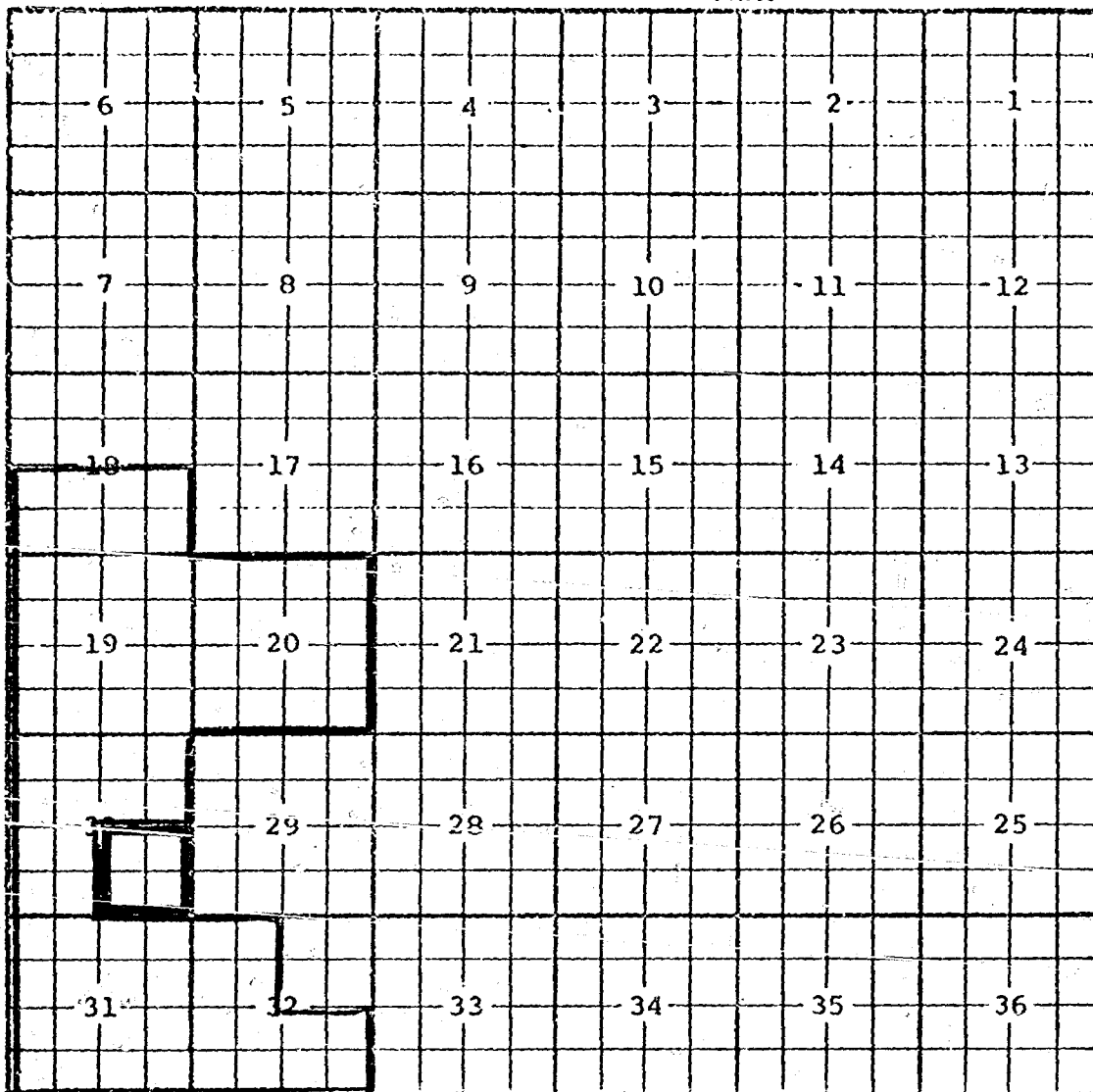
Proposed extension outlined in Blue.

Section 6: W/2

Section 7: N/2

CASE NO. 7260 (m) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL BAUM-UPPER PENNSYLVANIAN

TOWNSHIP 13 South RANGE 33 East NMIM



PURPOSE: One completed oil well capable of producing.

R.L. Burns Corporation State 30 Com Well #3-0 in Sec. 30, T13S, R33E,
completed Feb. 18, 1981, in the Upper Pennsylvanian formation. Top perf
9710 ft.

Pool boundary outlined in red.

Proposed Pool extension outlined in green. SECTION 30: SE/4

CASE NO. 7260 (n) EXTENSION OF AN EXISTING OIL POOL
COUNTY Chaves POOL Bull's Eye-San Andres

| TOWNSHIP | 8S | RANGE | 28E | NM1M |
|----------|----|-------|-----|------|
| 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 Two completed oil wells capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|------------------|------------------|-------|---------|---------|-------|-------|
| The Harlow Corp. | Bar | #1-I | 12-8-28 | 2-3-81 | SA | 2718' |
| The Harlow Corp. | O'Brien Lightcap | #1-L | 7-8-29 | 2-13-81 | SA | 2701' |

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 12: N/2 SE/4

TO BE DISMISSED DUE TO AN ERROR IN ADVERTISING.

CASE NO. 7260 (n) EXTENSION OF AN EXISTING OIL POOL Contd.)Page 2 of 2 pages)
COUNTY Chaves POOL Bull's Eye-San Andres

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

Purpose: See Exhibit I

TO BE DISMISSED DUE TO ERROR IN ADVERTISING.

Pool boundary outlined in red.

Proposed extension outlined in Blue.

Section 7: NW/4 SW/4

1

COUNTY LEA POOL NORTH CAPROCK-MISSISSIPPIAN

TOWNSHIP 12 South RANGE 32 East MM



PURPOSE: One completed oil well capable of producing.

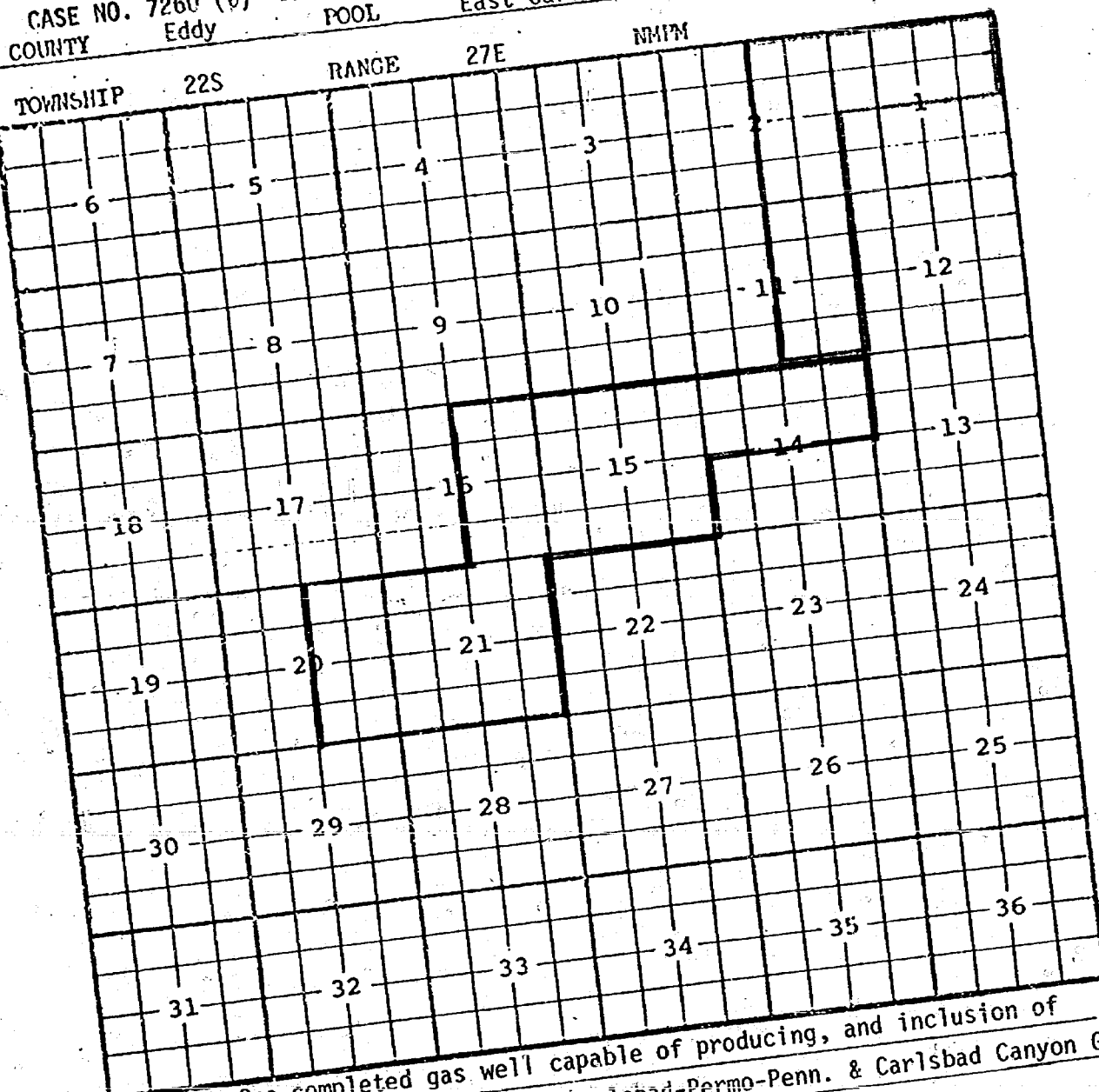
Morris R. Antweil Lucky Larry Well #1 located in Unit 0, Sec. 5, T12S, R32E,
completed June 25, 1980, in the Mississippian formation. Top perf 11,112 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green SECCIÓN 5: SE/4

[illegible]

CASE NO. 7260 (p) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL East Carlsbad-Wolfcamp Gas



Purpose: One completed gas well capable of producing, and inclusion of acreage formally dedicated to the Carlsbad-Permo-Penn. & Carlsbad Canyon Gas Pools.

| Operator | Lease | #<Ut. | S.T.R. | Comp. | Form | TOP |
|--------------------|-------|----------|----------|---------|----------|------|
| Delta Drilling Co. | XL | 1-G | 20-22-27 | 2-17-81 | Wolfcamp | 9722 |

Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 14: N/2

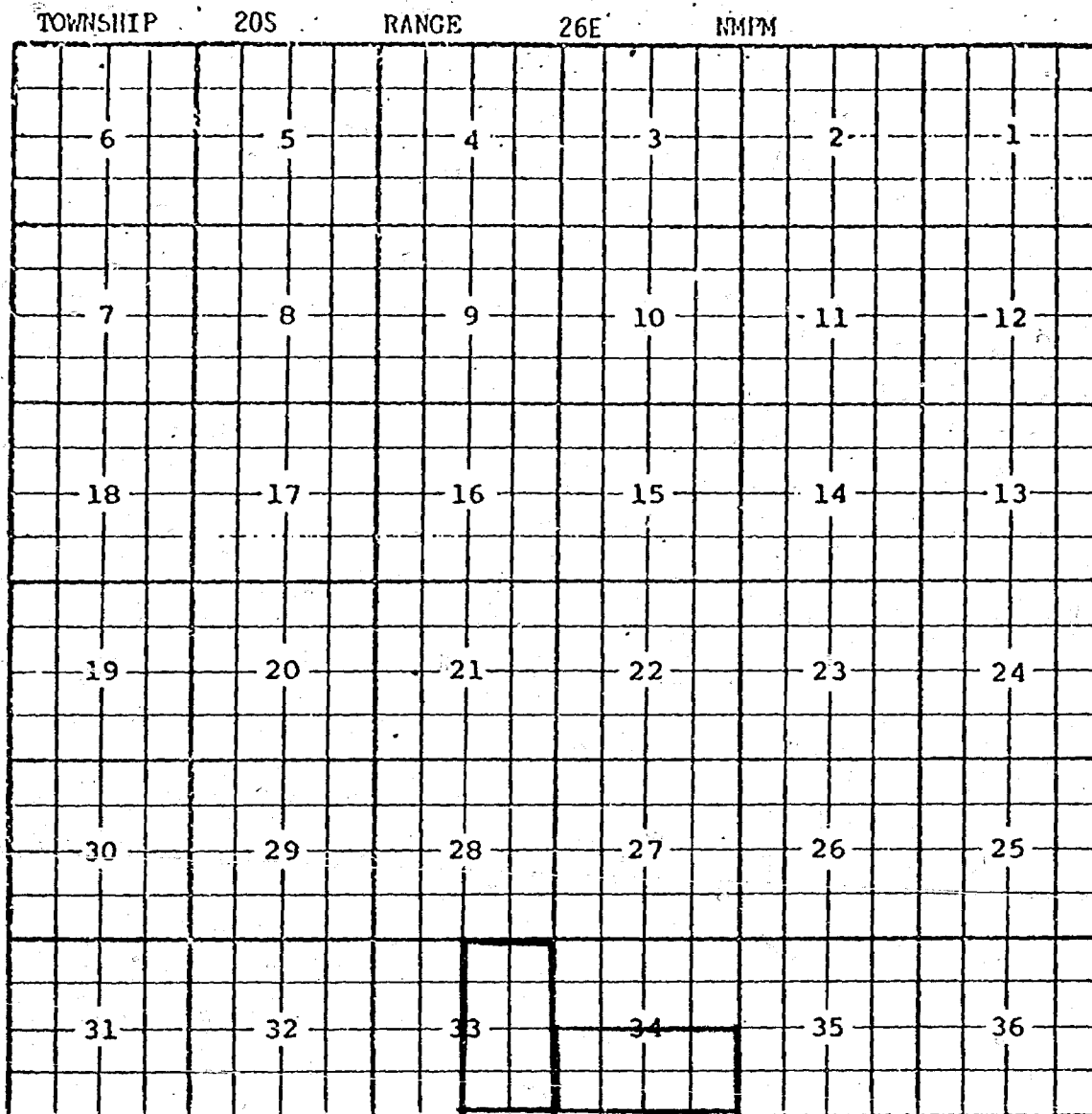
Section 14: ALL

Section 16: E/2

Section 20: E/2

Section 21: ALL

CASE NO. 7260 (a) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Catclaw Draw-Morrow Gas



Purpose: One completed gas well capable of producing.

| Operator | Lease | #&Ut. | S.I.R. | Comp. | Form. | TOP |
|---------------|---------|-------|---------------------------|---------|--------|-------|
| Jake L. Hamon | Fed. 33 | 1-I | ³³ 32-20-26 | 2-10-81 | Morrow | 10021 |

Pool boundary outlined in red.

Proposed extension outlined in blue.

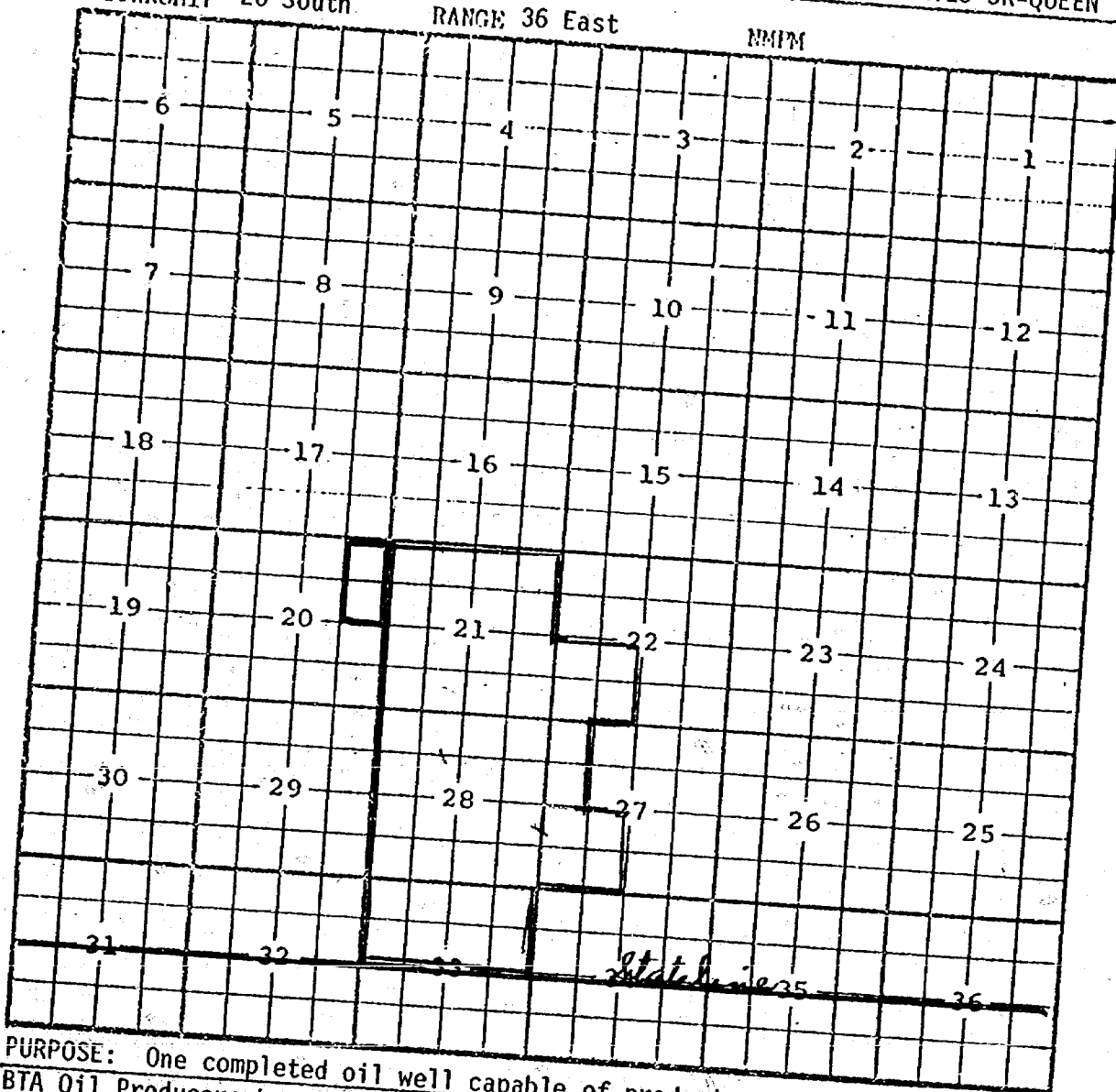
Section 33: E/2

CASE NO. 7260 (r) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL COMANCHE STATELINE-TANSILL-YATES-SR-QUEEN

TOWNSHIP 26 South

RANGE 36 East

NMIM



PURPOSE: One completed oil well capable of producing,
BTA Oil Producers Lea 20 7426 JV-S #2-A in Sec. 20, T26S, R36E, completed
March 1, 1981, in the Tansill-Yates formation. Top perf 3176 ft.

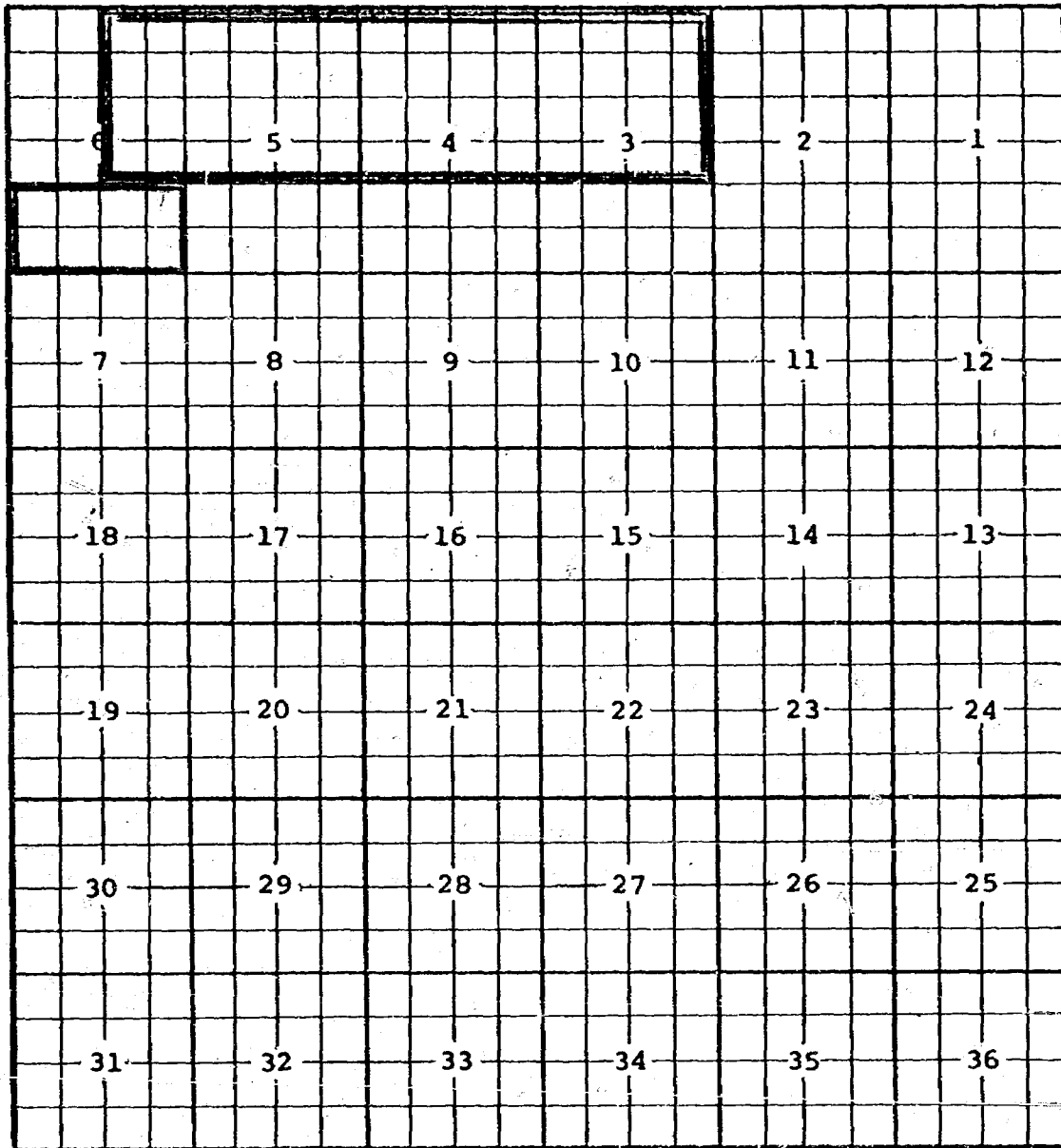
Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 20: E/2 NE/4

CASE NO. 7260 (s) EXTENSION OF AN EXISTING GAS POOL

COUNTY EDDY POOL DIAMOND MOUND-MORROW GAS

TOWNSHIP 16 South RANGE 28 East NMPM



PURPOSE: One completed gas well capable of producing.

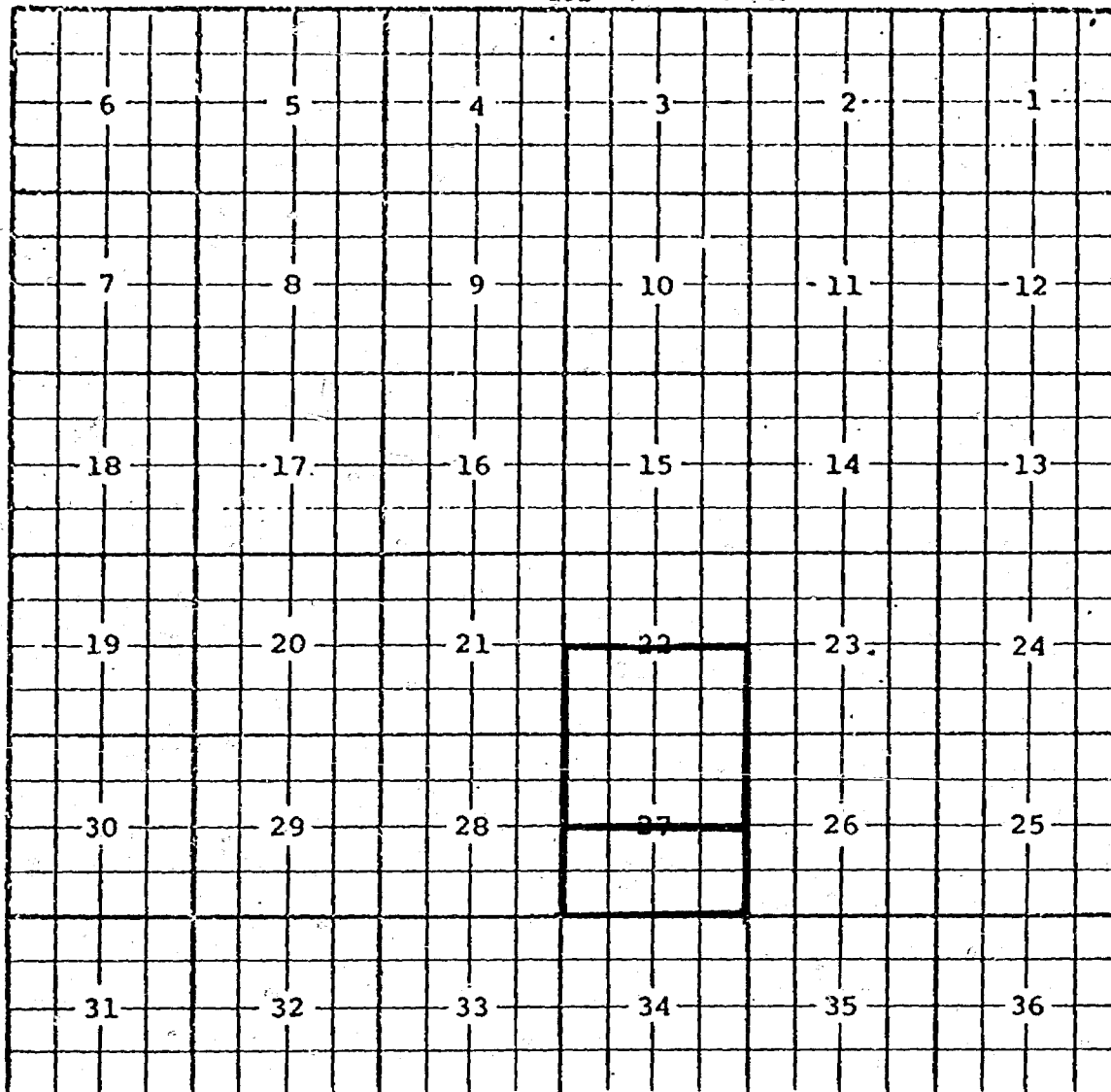
| Operator | LEASE | #&Ut | S-T-R | COMP. | FORM. | TOP |
|----------------|--------------|------|---------|---------|--------|-------|
| Gulf Oil Corp. | Callaway Fed | 3-S | 6-16-28 | 3-14-81 | Morrow | 8939' |

Pool boundary outlined in red.

Proposed pool extension outlined in blue. Section 6: S/2

CASE NO. 1260 (T) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Dublin Ranch-Atoka Gas

TOWNSHIP 22S RANGE 28E NMPM



Purpose: One completed gas well capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form | TOP |
|-----------------|-----------|-------|----------|---------|-------|-------|
| Dinero Opr. Co. | Big Chief | 2-N | 22-22-28 | 3-16-81 | Atoka | 11417 |

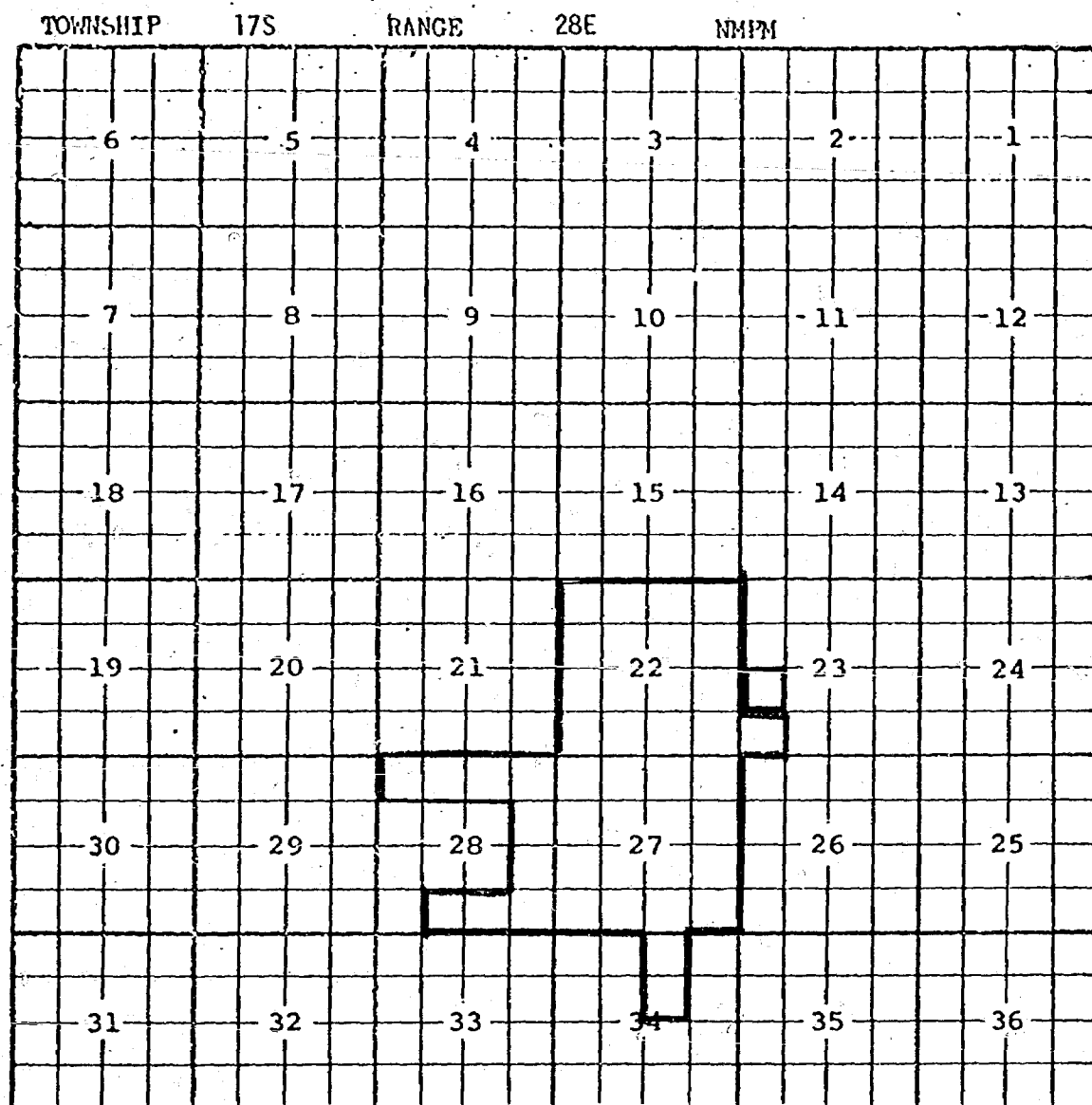
Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 22: S/2

Section 27: N/2

CASE NO. 7260 (u) EXTENSION OF AN EXISTING OIL POOL
COUNTY Eddy POOL East Empire-Yates SR



Purpose: One completed oil well capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|--------------------|----------|-------|----------|---------|-------|------|
| W.A. Moncrief, Jr. | State 23 | 1-1 | 23-17-28 | 1-21-81 | SR | 774' |

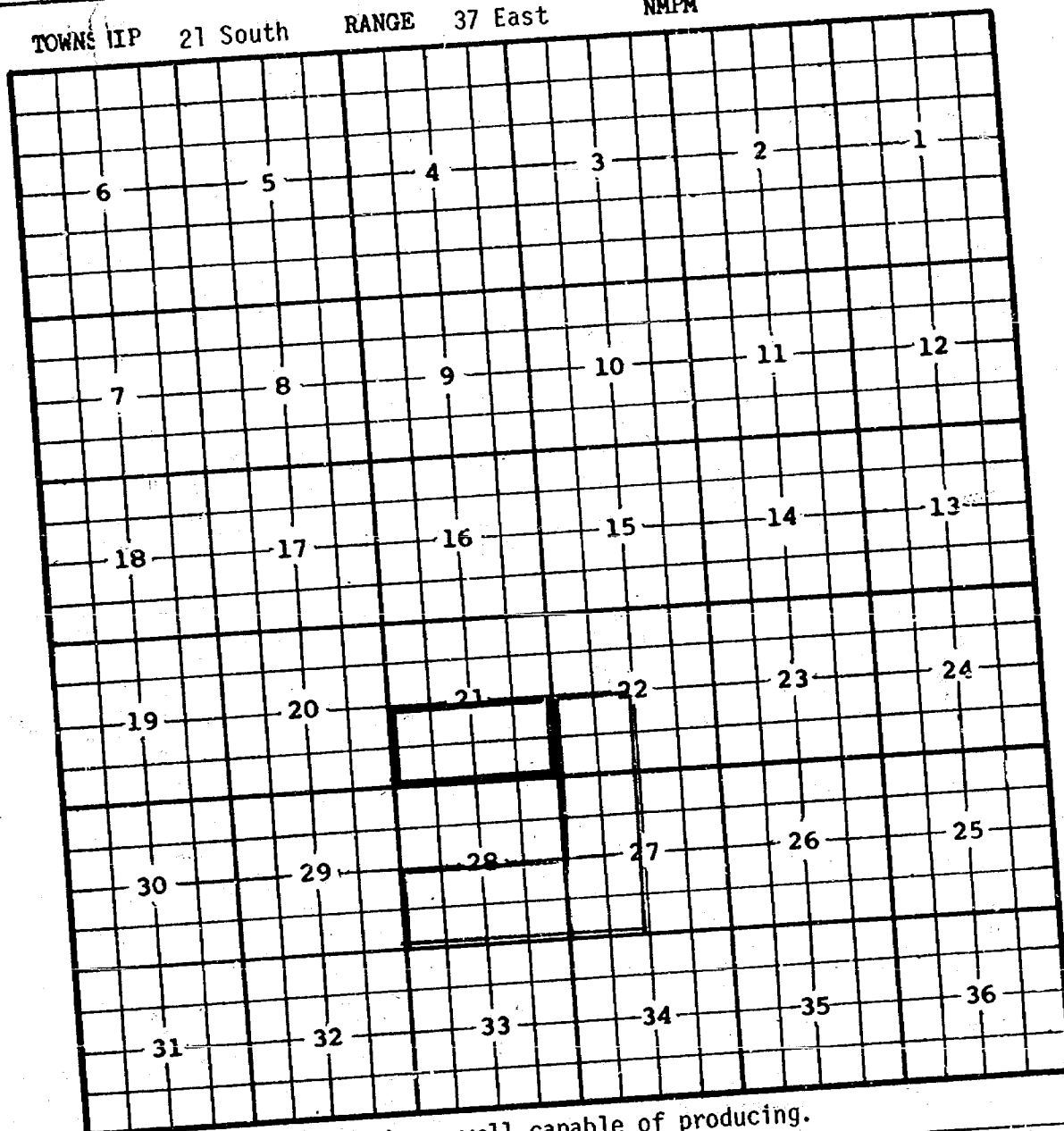
Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 23: NW/4 SW/4

CASE NO. 7260 (v) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL HARE-SAN ANDRES GAS
TOWNSHIP 21 South RANGE 37 East NMPM



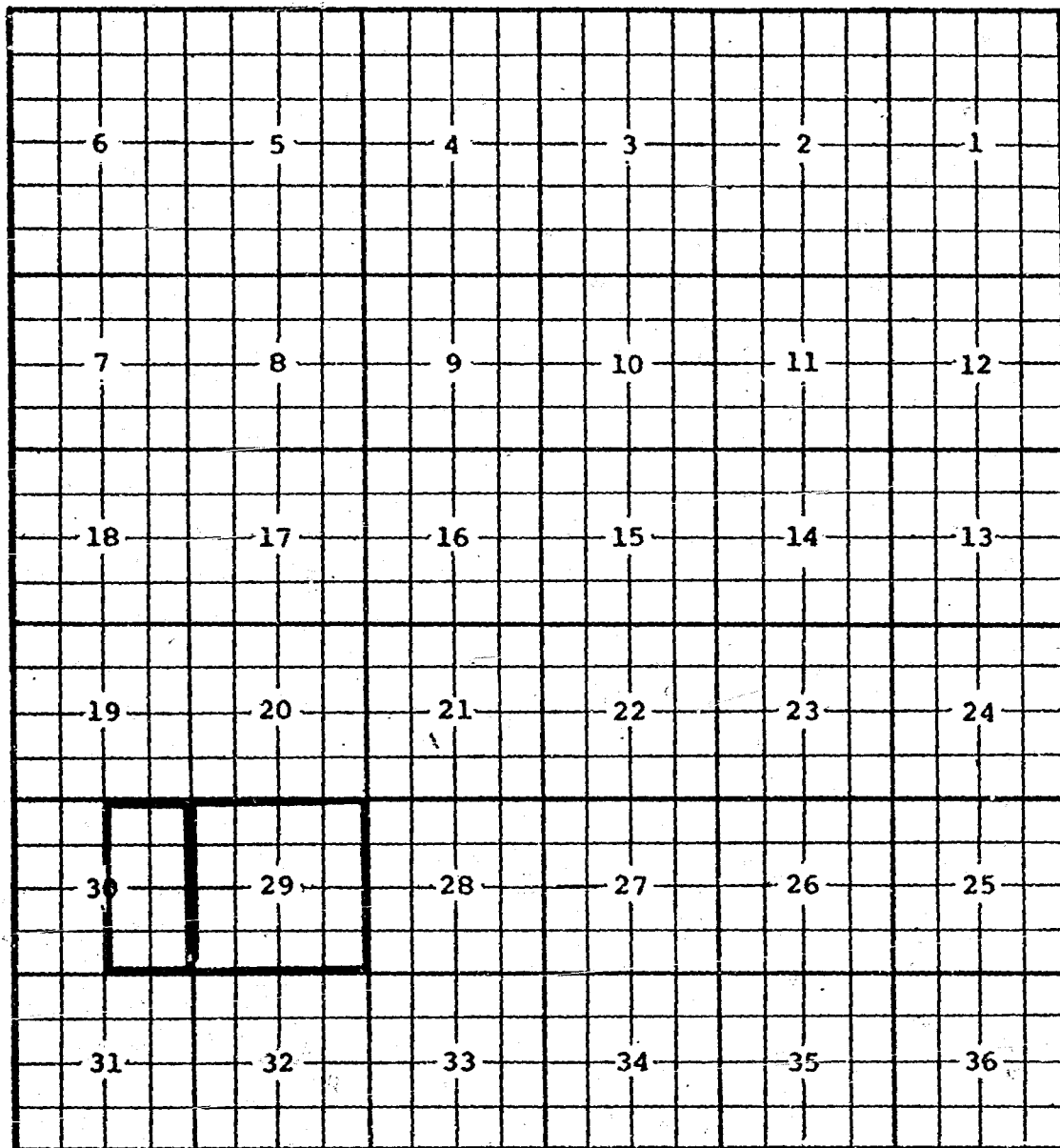
PURPOSE: One completed gas well capable of producing.
Alpha-Twenty-One Prod.Co. Lansford Well #1-N in Sec. 21, T21S, R37E, completed
Feb 17, 1981, in the San Andres formation. Top perf 4015 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 21: S/2

CASE NO. 7260 (w) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH KEMNITZ-ATOKA-MORROW GAS
TOWNSHIP 16 South RANGE 34 East NMPM



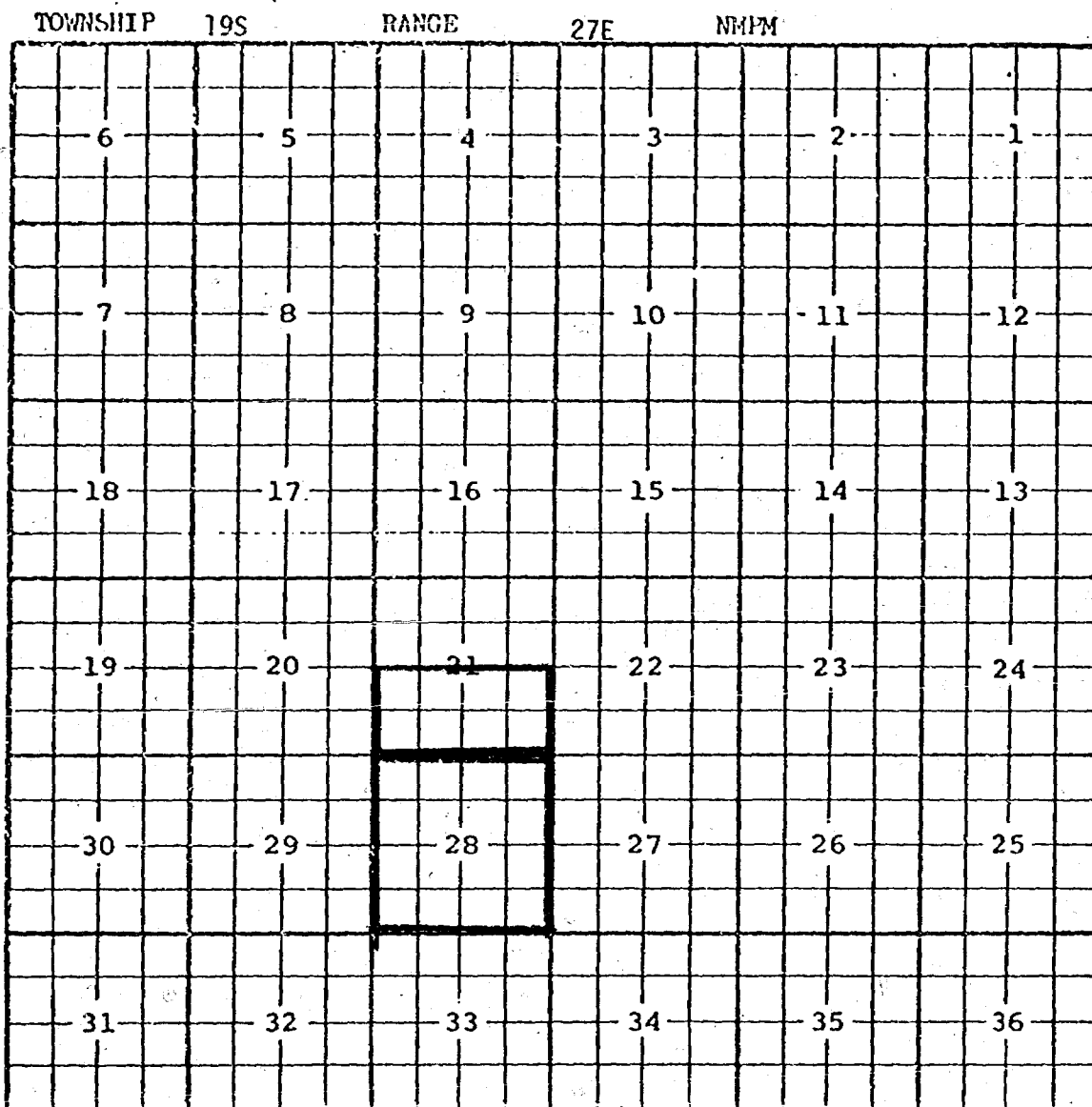
PURPOSE: One completed gas well capable of producing.

Tenneco Oil Company State LF-30 Well #1-H in Sec. 30, T16S, R34E, completed March 9, 1981, in the Atoka/Morrow formation with top perf at 12,686'.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 30: E/2

CASE NO. 7260 (x) EXTENSION OF AN EXISTING GAS POOL
 COUNTY Eddy POOL North McMillan-Morrow Gas



Purpose: One completed gas well capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form |
|-----------------------|----------------------------|-------|----------|---------|--------|
| Southland Royalty Co. | Pecos River 21 Fed. Com | 1-K | 21-19-27 | 2-26-81 | Morrow |

TOP
9910'

Pool boundary outlined in red.

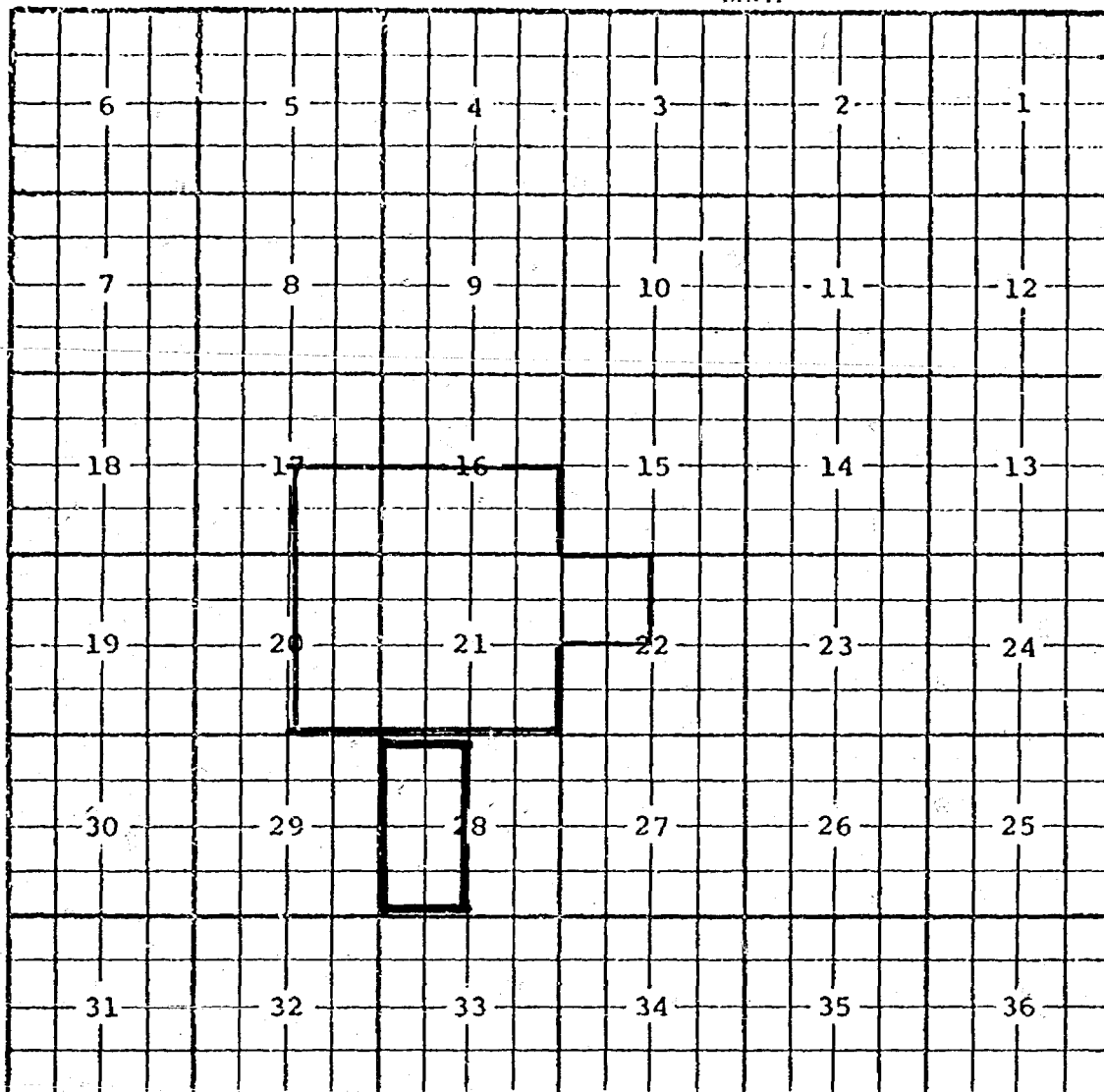
Proposed extension outlined in blue.

Section 21: S/2

CASE NO. 7260 (y) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MALJAMAR-STRAWN

TOWNSHIP 17 South RANGE 32 East NMIM



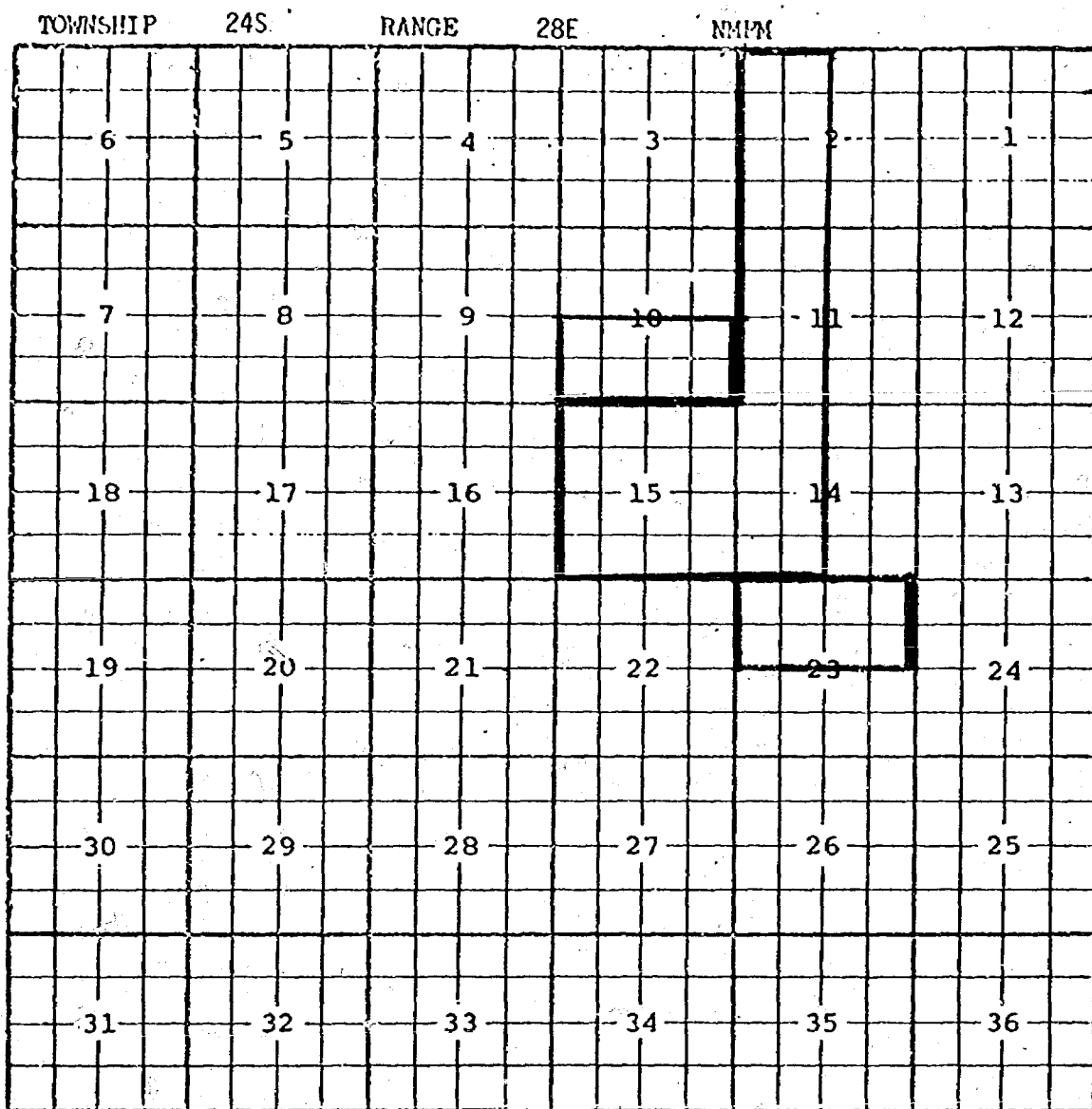
PURPOSE: One completed oil well capable of producing.

Amoco Production Company, Federal BI Well #1-N in Sec. 28, T17S, R32E, completed March 18, 1981, in the Strawn formation. Top perf 11,634 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 28: W/2

CASE NO. 7260 (z) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Malaga-Morrow Gas



Purpose: Two completed gas wells capable of producing.

| Operator | Lease | # | lt. | S.T.R. | Comp. | Form | TOP |
|---------------------|-------------|------|----------|---------|--------|-------|-----|
| Aminoil USA, Inc. | Kirkes | #1-J | 10-24-28 | 3-21-81 | Morrow | 12312 | |
| Maddox Energy Corp. | Earl Guitar | #1-G | 23-24-28 | 3-18-81 | Morrow | 12499 | |

Pool boundary outlined in red.

Proposed extension outlined in Blue.

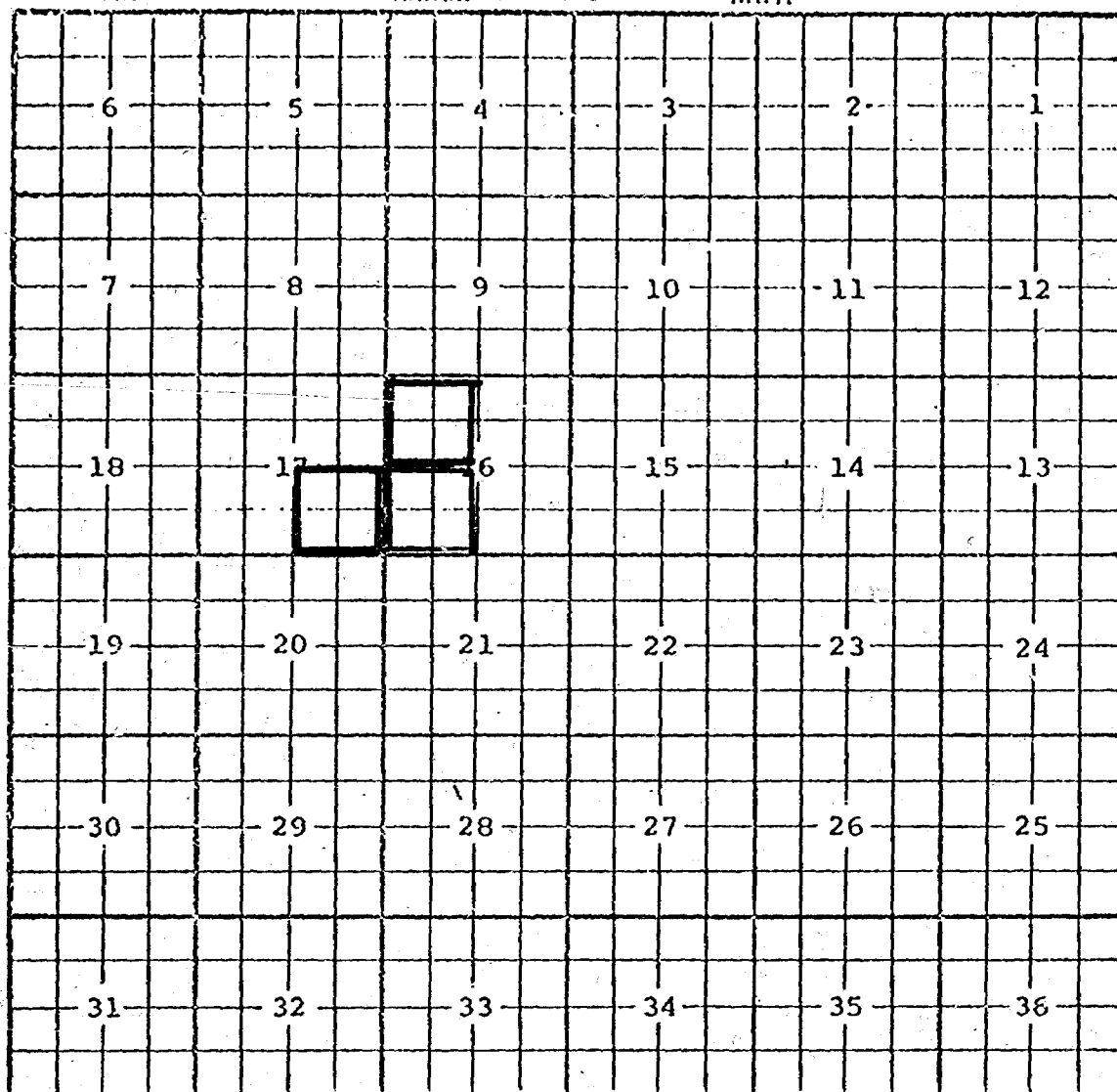
Section 10: S/2

Section 23: N/2

CASE NO. 7260 (aa) EXTENSION OF AN EXISTING OIL POOL

COUNTY ROOSEVELT POOL NORTH PETERSON-PENNSYLVANIAN

TOWNSHIP 4 South RANGE 33 East NMIM



PURPOSE: Two completed oil wells capable of producing.

Enserch Expl. Inc. Pearl Jordan Well #1-I in Sec. 17, T4S, R33E, completed March 7, 1981, in the Pennsylvanian formation. Top perf 7830 ft.

Enserch Expl. Inc. Amoco State Well #3-E in Sec. 16, T4S, R33E, completed Feb. 15, 1981, in the Pennsylvanian formation. Top perf 7834 ft.

Pool boundary outlined in red.

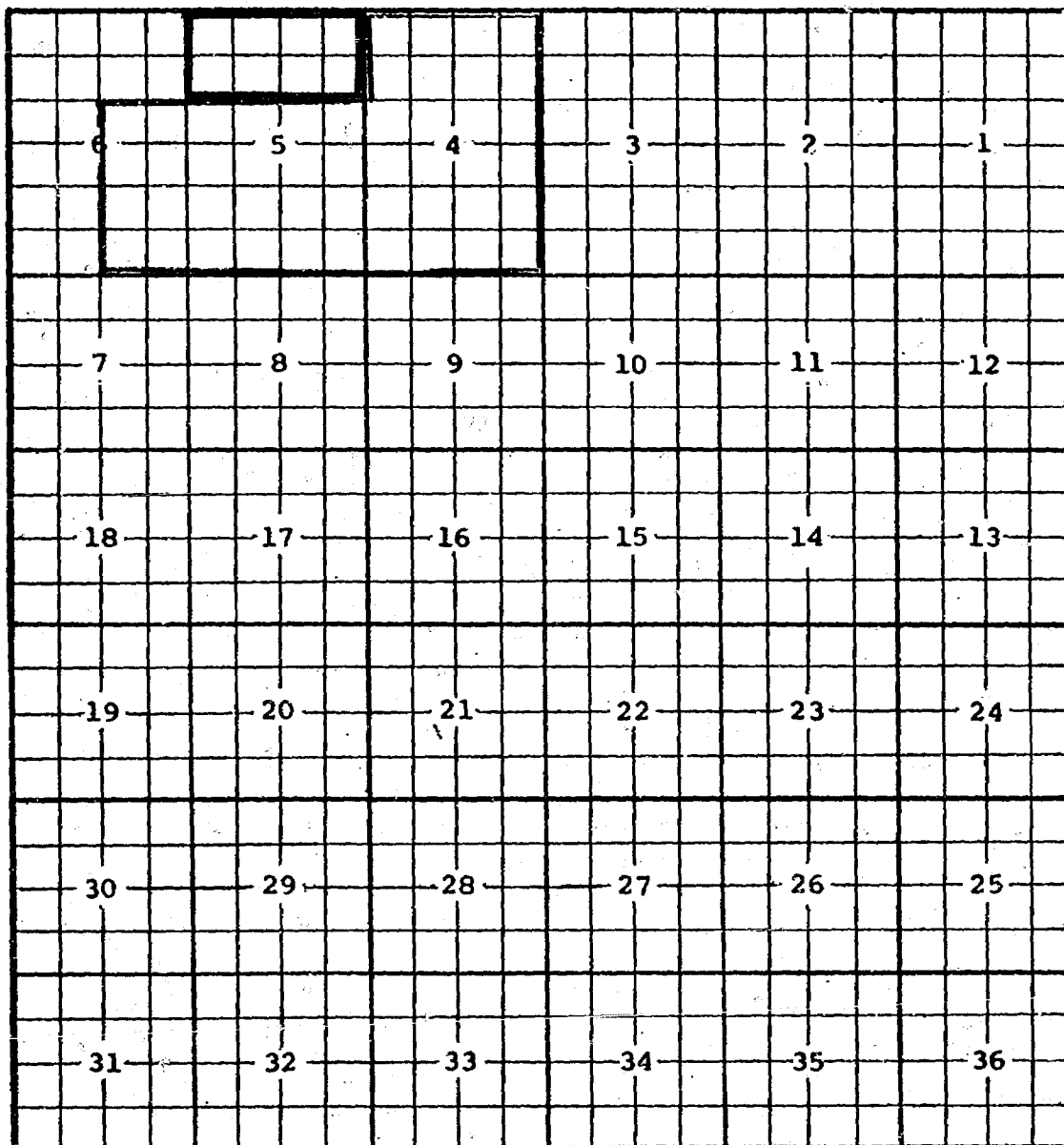
Proposed pool extension outlined in green. SECTION 17: SE/4

Addition ----- SECTION 16: NW/4

CASE NO. 7260 (bb) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH SALT LAKE-MORROW GAS

TOWNSHIP 21 South RANGE 32 East NMPM



PURPOSE: One completed gas well capable of producing.

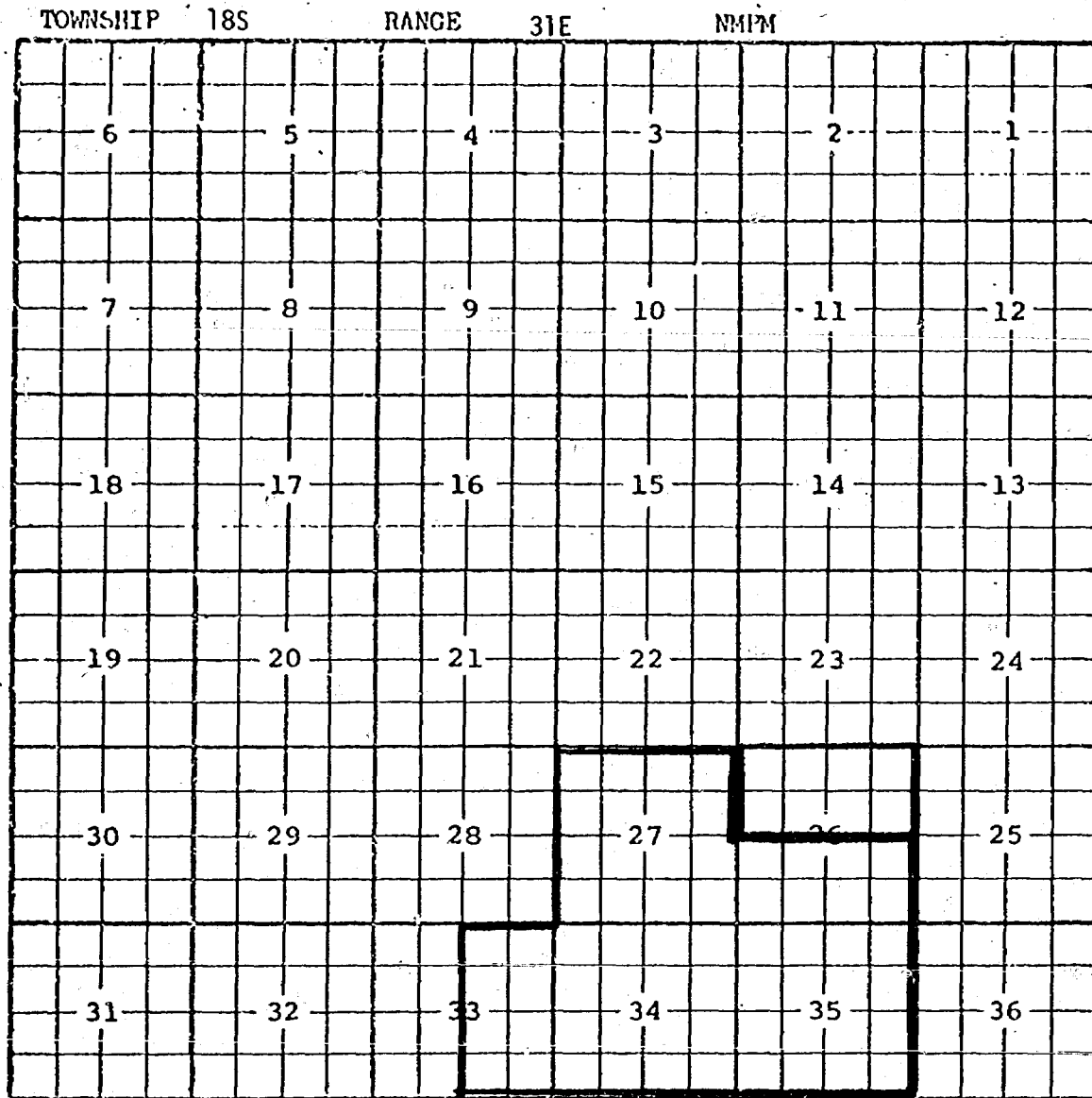
Perry R. Bass C.A. Loomis Fed Well #1-E in Sec. 5, T21S, R32E, completed March 27, 1981, in the Morrow formation. Top perf 13,672 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green.

SECTION 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

CASE NO. 7260 (cc)CONTRACTION OF VERTICAL LIMITS AND REDESIGNATION OF AN EXISTING GAS POOL
COUNTY Eddy POOL Shugart-Pennsylvanian Gas Pool to Shugart-Morrow Gas Pool



Purpose: Redesignation of the Shugart-Pennsylvanian Gas Pool to the Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval in said pool, and one completed gas well capable of producing.

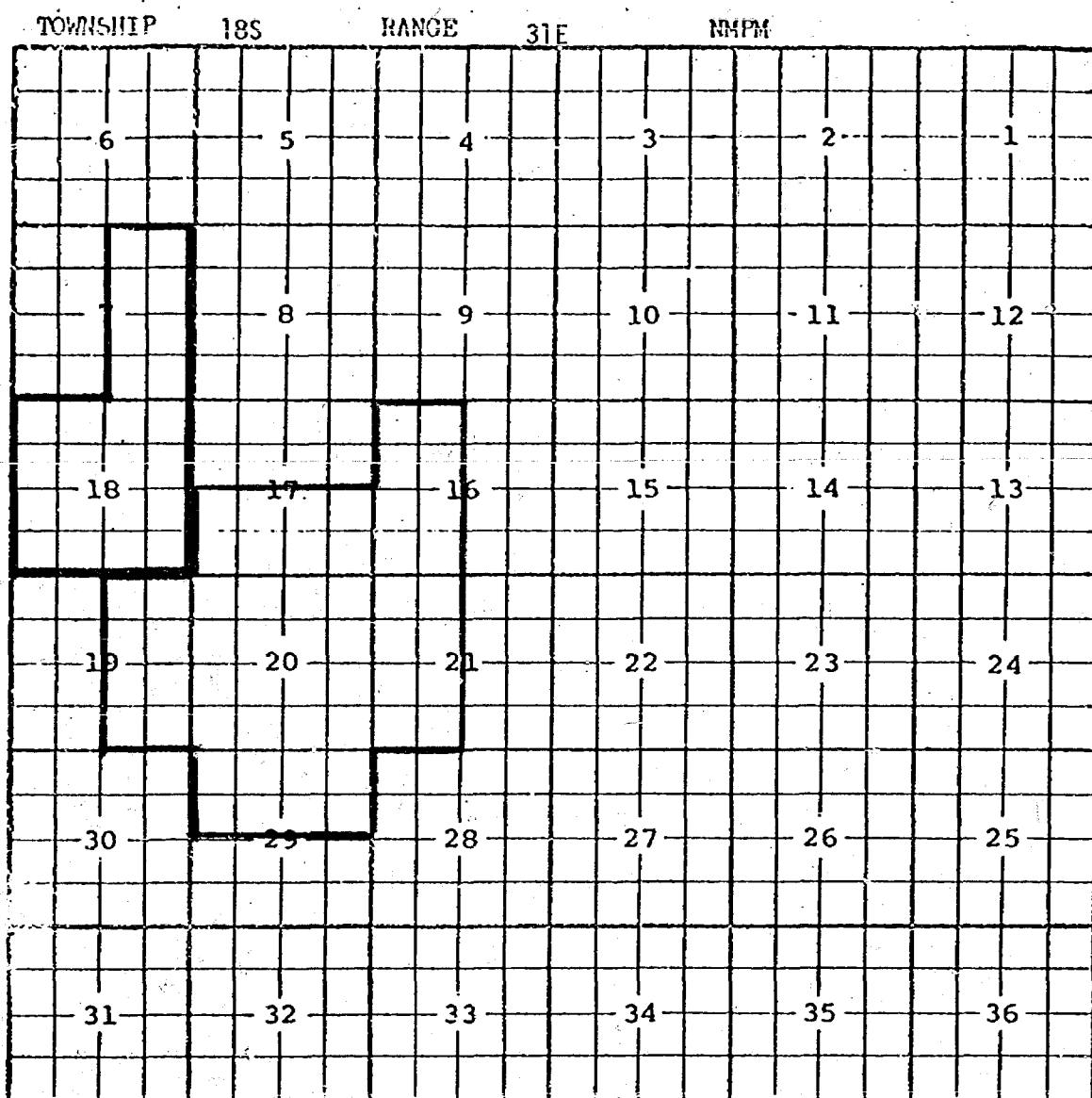
Operator Lease #&Ut. S.T.R. Comp. Form. TOP
Amoco Prod. Co. Greenwood Pre-Grayburg 1-C 26-18-31 11-2-80 Morrow 11512'
Ut. Fed. D Com

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 26: N/2

CASE NO. 7260 (dd) EXTENSION OF AN EXISTING GAS POOL
COUNTY Eddy POOL North Shugart-Morrow Gas



Purpose: Two completed gas wells capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|-------------------|------------|-------|------------------|---------|----------|----------|
| Holly Energy Inc. | Roche Fed. | 2 J | 7-18-31 | 3-15-81 | Morrow | 11498 |
| " | " | " | Canadian Kenwood | 1-F | 18-18-31 | 12 -2-80 |
| | 18 Federal | | | | Morrow | 11730 |

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 7: E/2

Section 18: ALL

CASE NO. 7260 (ee) EXTENSION OF AN EXISTING OIL POOL

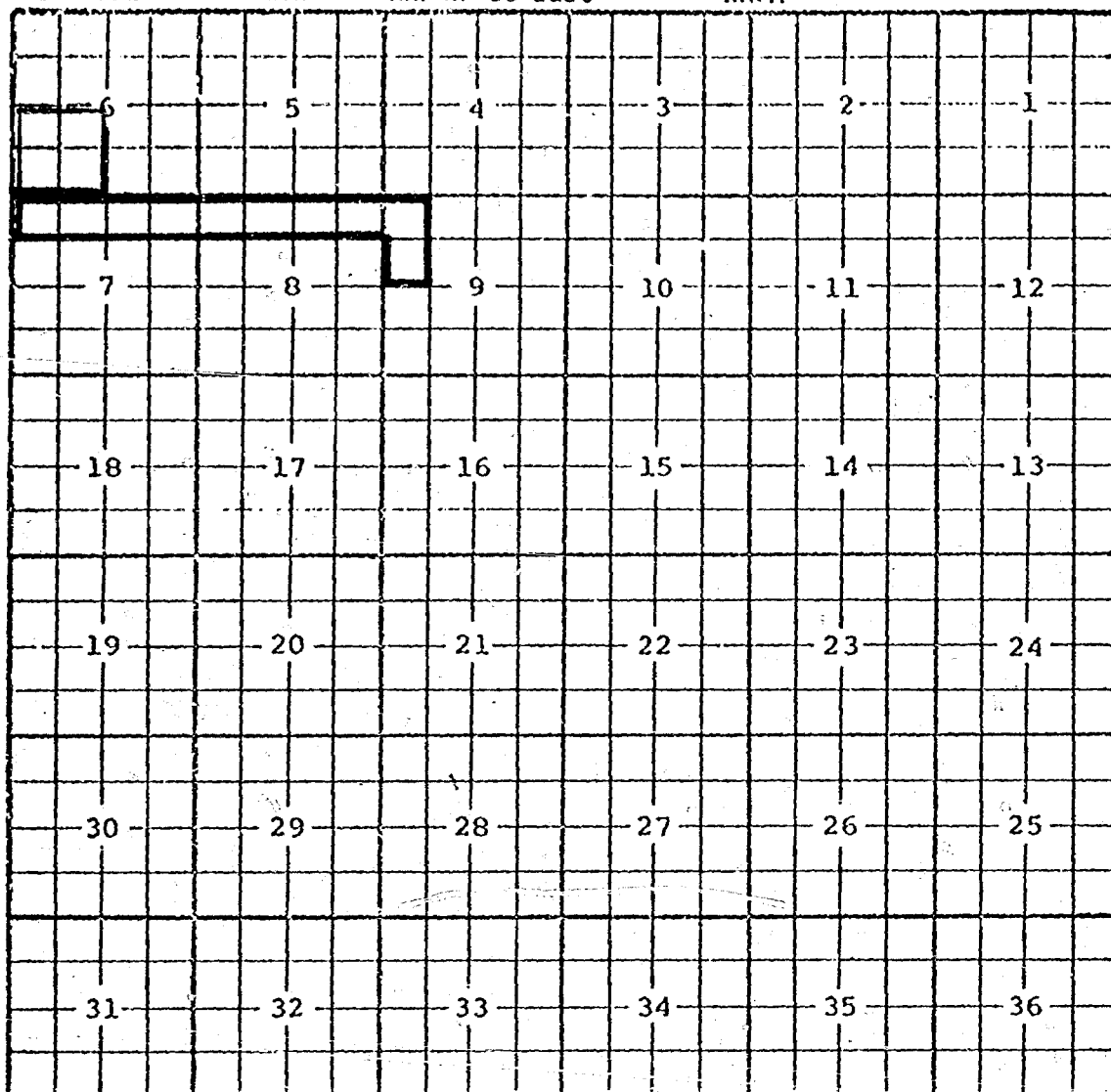
COUNTY LEA

POOL EAST WEIR -BLINEBRY

TOWNSHIP 20 South

RANGE 38 East

NMIM



PURPOSE: Two completed oil wells capable of producing.

Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept. 29, 1980, in the Blinebry formation. Top perf 5974 feet.

Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Nov. 28, 1980 in the Blinebry formation. Top perf 6036 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 7: N/2 N/2

SECTION 8: N/2 N/2

SECTION 9: W/2 NW/4

CASE 7260: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 24: N/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 3: E/2

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tannehill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM

Section 8: SE/4

- (j) ABOLISH the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPH
Section 21: S/2

- (k) ABOLISH the Carlsbad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPH
Section 15: All

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPH
Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPH
Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPH
Section 1: E/2
Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPH
Section 6: W/2
Section 7: N/2

- (m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPH
Section 30: SE/4

- (n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPH
Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPH
Section 7: NW/4 SW/4

- (o) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPH
Section 5: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPH
Section 14: N/2
Section 15: All
Section 16: E/2
Section 20: E/2
Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPH
Section 33: E/2

- (r) EXTEND the Comanche Stateline Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPH
Section 20: E/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPH
Section 6: S/2

- (t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPH
Section 22: S/2
Section 27: N/2

TO BE DISMISSED
DUE TO ERROR IN
ADVERTISING

(u) EXTEND the East Empire Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 23: NW/4 SW/4

(v) EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 21: S/2

(w) EXTEND the South Kemnitz Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

(y) EXTEND the Maljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 10: S/2
Section 23: N/2

(aa) EXTEND the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM
Section 17: SE/4
Section 16: NW/4

Addition -----

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 5: Lots 1, 2, 3, 4, 5, 6, 7,
and 8

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Gas Pool to include the Morrow formation only and redesignate said pool as Shugart-Morrow Gas Pool, and extend the horizontal limits of said pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 26: N/2

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 7: E/2
Section 18: All

(ee) EXTEND the East Weir-Blinedry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 7: N/2 N/2
Section 8: N/2 N/2
Section 9: W/2 NW/4

(i) CREATE a new pool in Roosevelt County, and designated as the East Tannehill-Cisco Pool. The discovery well is El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM

NEW POOLS

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

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

Discovery well was Monsanto Company Back Basin Well #1 located in Unit I Section 20 Township 23 Range 34 and was completed on Feb. 15, 1981. Top of perforations is at 12,620 feet.

It is recommended that a new GAS pool be created and designated as the ANTELOPE RIDGE-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 Estoril Prod. Corp. Curry Federal Well #1 located in Unit I Section 22 Township 23 Range 34 and was completed on Jan. 13, 1981. Top of perforations is at 12,049 feet.

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

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

Discovery well was Gulf Oil Corporation Lillie #1 located in Unit D Section 23 Township 24 Range 37 and was completed on Oct. 30, 1980. Top of perforations is at 8664 feet.

NEW POOLS

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

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

Discovery well was Minerals, Inc. Llano 33 State #1 located in Unit J Section 33 Township 21 Range 34 and was completed on March 13, 1981. Top of perforations is at 12,851 feet.

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

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

Discovery well was Marbob Energy Corp. State CJ Com Well #1 located in Unit G Section 24 Township 20 Range 26 and was completed on November 19, 1980. Top of perforations is at 7867 feet.

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

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

Discovery well was Jake L. Hamon Hamon-Samedan Petty Well #1 located in Unit N Section 8 Township 20 Range 36 and was completed on January 19, 1981. Top of perforations is at 8233 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the WEST PALMILLO-WOLFCAMP Pool.

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

Discovery well was Bass Enterprises Prod. Co. Palmillo State Well #1 located in Unit J Section 1 Township 19 Range 28 and was completed on June 11, 1980. Top of perforations is at 8693 feet.

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

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

Discovery well was Amoco Production Co. Federal F Gas Com Well #1 located in Unit G Section 3 Township 18 Range 27 and was completed on February 25, 1980. Top of perforations is at 9344 feet.

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

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

Discovery well was Energy Reserves Group, Inc. El Paso State Well #1 located in Unit P Section 8 Township 6 Range 34 and was completed on January 20, 1981. Top of perforations is at 7679 feet.

NEW POOLS

It is recommended that a new OIL pool be created and designated as the WEST PALMILLO-WOLFCAMP Pool.

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

Discovery well was Bass Enterprises Prod. Co. Palmillò State Well #1 located in Unit J Section 1 Township 19 Range 28 and was completed on June 11, 1980. Top of perforations is at 8693 feet.

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

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

Discovery well was Amoco Production Co. Federal F Gas Com Well #1 located in Unit G Section 3 Township 18 Range 27 and was completed on February 25, 1980. Top of perforations is at 9344 feet.

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

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

Discovery well was Energy Reserves Group, Inc. El Paso State Well #1 located in Unit P Section 8 Township 6 Range 34 and was completed on January 20, 1981. Top of perforations is at 7679 feet.

CASE NO. 7260 (a) CREATION OF A NEW GAS POOL

COUNTY LEA POOL WEST ANTELOPE RIDGE-ATOKA GAS

TOWNSHIP 23 South

RANGE 34 East

NNMM

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

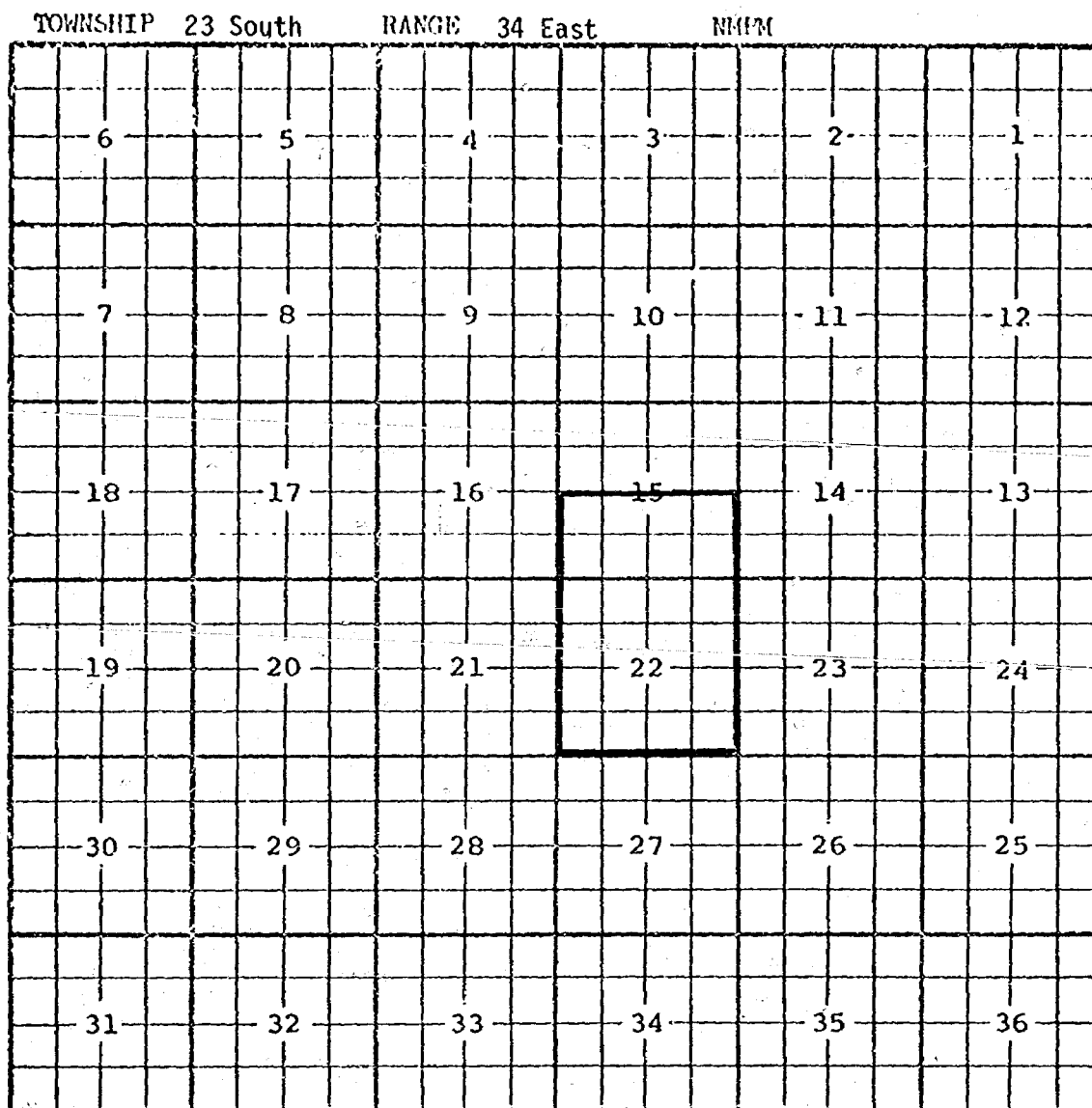
PURPOSE: One completed gas well capable of producing

DISCOVERY WELL: Monsanto Company Back Basin Well #1-1 in Sec. 20, T23S, R34E, completed Feb. 15, 1981, in the Atoka formation. Top perforation at 12,620'.

Proposed pool boundary outlined in red. SECTION 20: E/2

CASE NO.7260 (b) CREATION OF A NEW GAS POOL

COUNTY LEA POOL ANTELOPE RIDGE-STRAWN GAS



PURPOSE: Two completed gas wells capable of producing.

DISCOVERY WELL: Estoril Producing Corporation Curry Federal Well #1-1 in Sec. 22, T23S, R34E, completed January 13, 1981, in the Strawn formation.

Top perforation 12,049 feet. Also Estoril Prod.Corp.Belco Fed #1-0 in 15-23-34, completed Feb. 4, 1981, in Strawn formation. Top perf 12,178 ft.

Proposed pool boundary outlined in red. SECTION 15: S/2

Section 22: All

CASE NO. 7260 (c) CREATION OF A NEW OIL POOL

COUNTY LEA POOL FOWLER-MONTOYA

TOWNSHIP 24 South RANGE 37 East NMIM

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

PURPOSE: One completed oil well capable of producing.

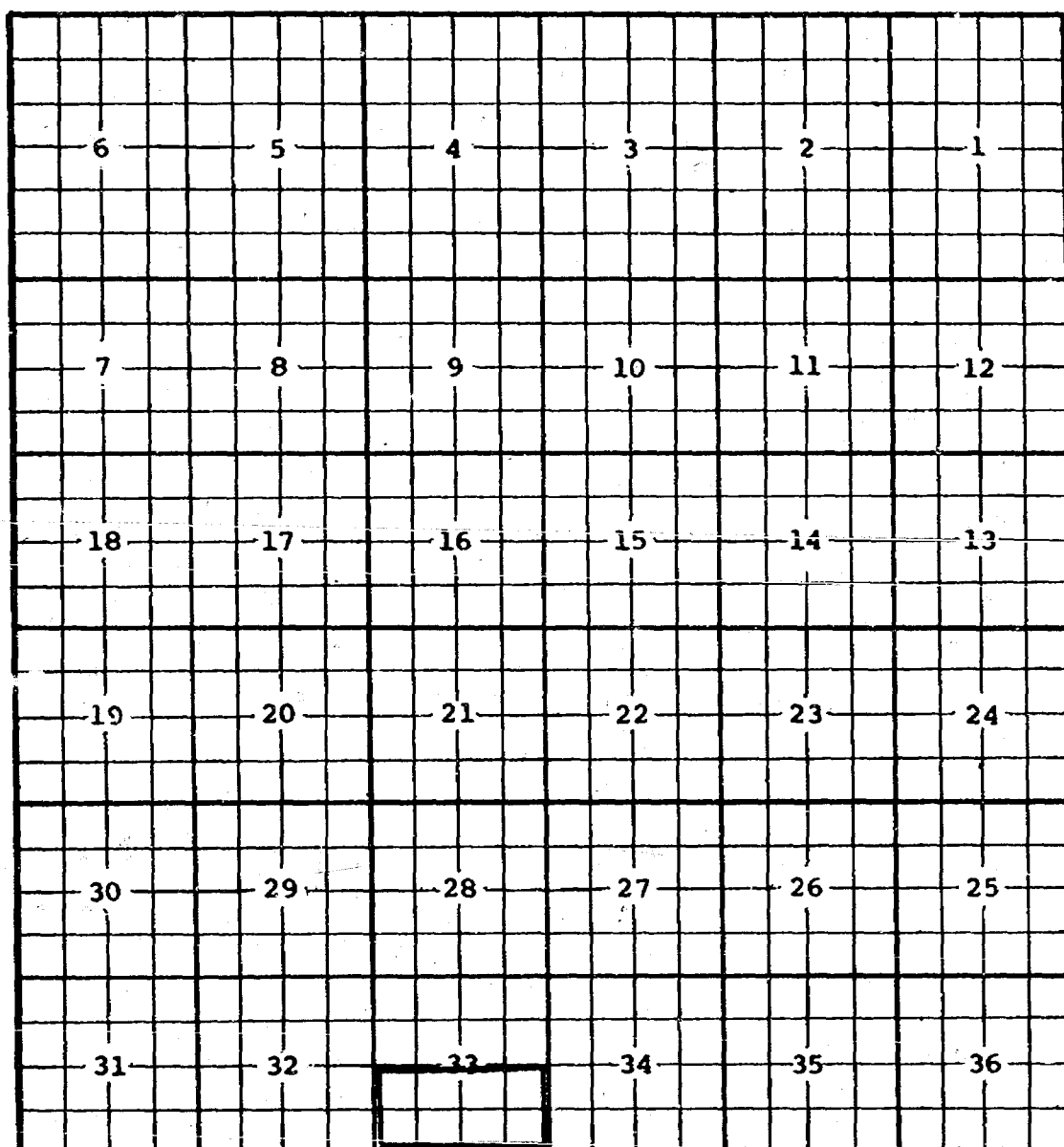
DISCOVERY WELL: Gulf Oil Corporation Lillie Well #1-D in Sec. 23, T24S, R37E, completed Oct. 30, 1980, in the Montoya formation. Top perforation 8,664 feet.

Proposed pool boundary outlined in red. SECTION 23: NW/4

CASE NO. 7260 (d) CREATION OF A NEW GAS POOL

COUNTY LEA POOL GRAMA RIDGE-ATOKA GAS

TOWNSHIP 21 SOUTH RANGE 34 EAST NMFM



PURPOSE: One completed gas well capable of producing.

DISCOVERY WELL: Minerals, Inc. Llano 33 State Well #1-J in Sec. 33, T21S, R34E, completed March 13, 1981, in the Atoka formation. Top perforation 12,851 ft.

Proposed pool boundary outlined in red. SECTION 33: S/2

CASE NO. 7260 (e) CREATION OF A NEW GAS POOL
COUNTY Eddy POOL McMillan-Wolfcamp Gas

| TOWNSHIP | | | 20S | RANGE | | | 26E | MM | | | |
|----------|--|--|-----|-------|--|--|-----|----|--|--|----|
| 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.

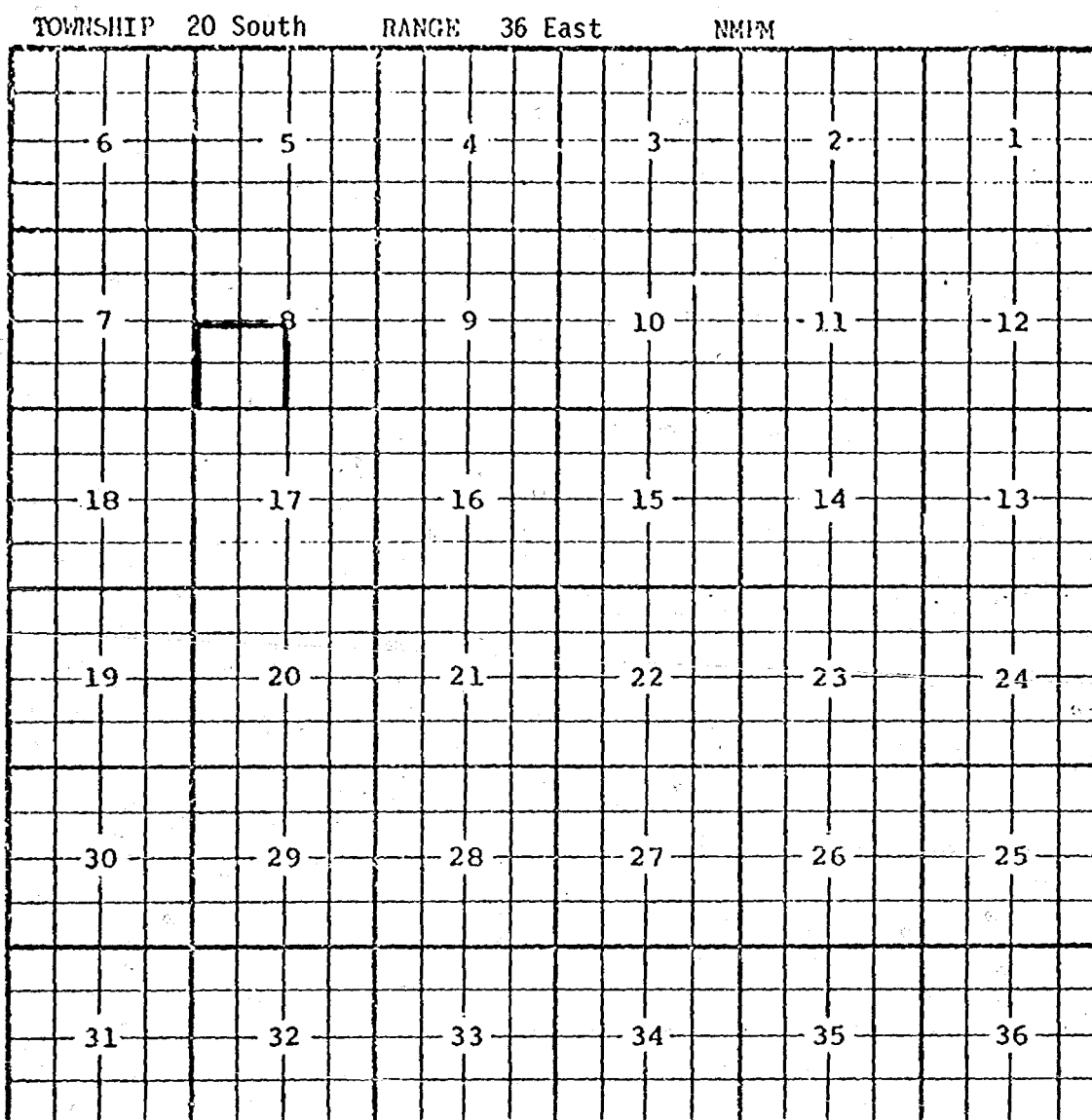
Disc. Well: Marbob Energy Corp. State C.J. Com #1-G, 24-20-26

Comp. 11-19-80, through Wolfcamp perfs, from 7867-7062.

Proposed pool boundary outlined in blue.

Section 24: N/2

CASE NO 7260 (f) CREATION OF A NEW OIL POOL
COUNTY LEA POOL NORTH OSUDO-BONE SPRING



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Jake L. Hamon, Hamon-Samedan Petty #1-N in Sec. 8, T20S, R36E, completed January 19, 1981, in the Bone Spring formation. Top perf 8233 ft.

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

CASE NO. 7260 (g) CREATION OF A NEW OIL POOL

COUNTY Eddy POOL West Palmillo-Wolfcamp Pool

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

Purpose: One completed oil well capable of producing.

Disc. Well: Bass Enterprises Prod. Co. Palmillo St. #1-J, 1-19-28

Completed 6-11-80, through Wolfcamp perfs 8693-8795'

Proposed pool boundary outlined in blue.

Section 1: NW/4 SE/4

CASE NO. 7260 (h) CREATION OF A NEW GAS POOL
COUNTY Eddy POOL Scoggin Draw-Atoka Gas

| TOWNSHIP | | | RANGE | | | NMIM | | |
|----------|----|----|-------|----|----|------|--|--|
| 18S | | | 27E | | | | | |
| 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: Amoco Prod. Co, Federal F Gas Com #1-G, 3-18-27

Comp. 2-25-80, through Atoka perfs, 9344-56'

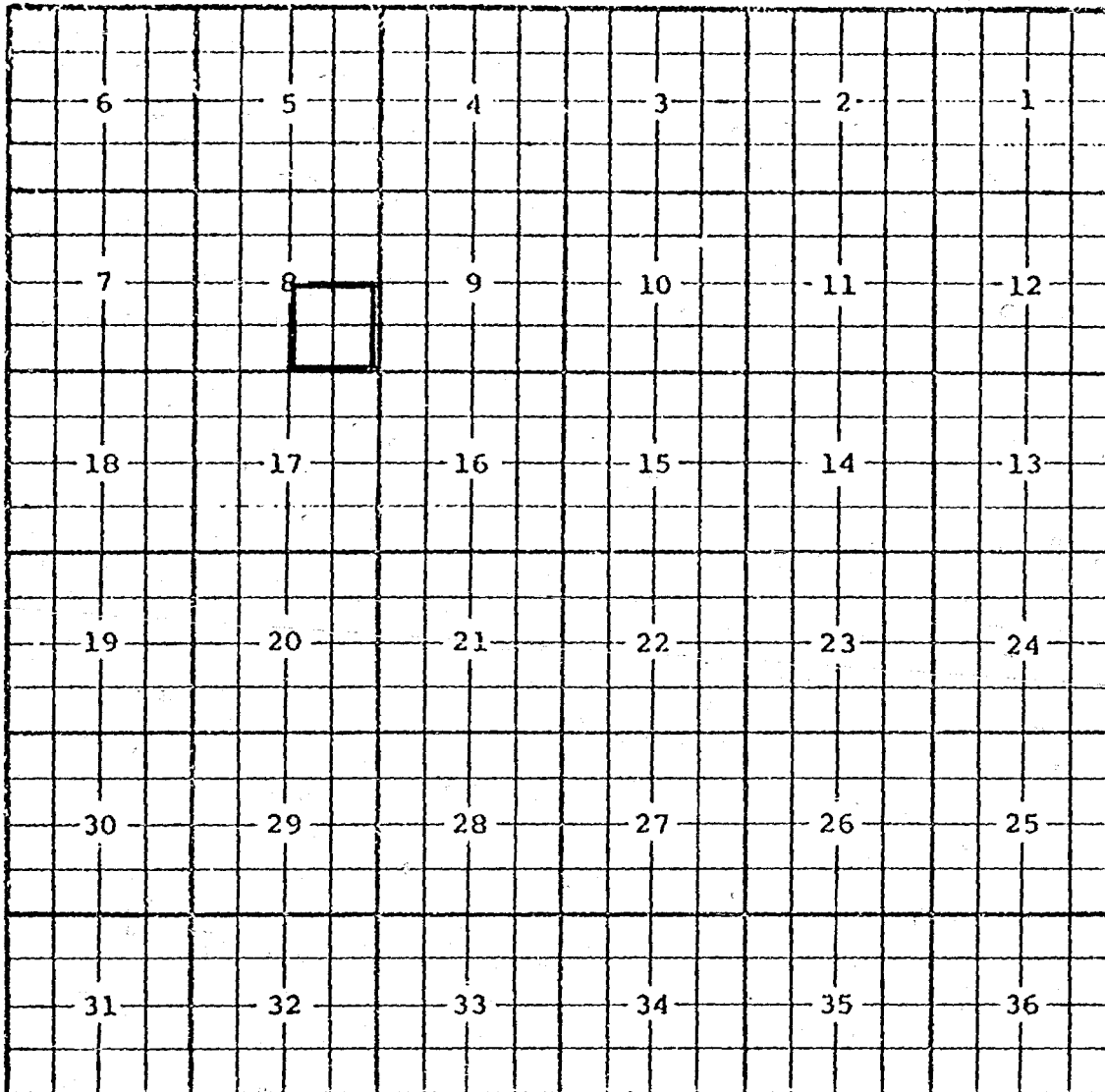
Proposed pool boundary outlined in blue.

Section 3: E/2

CASE NO. 7260 (i) CREATION OF A NEW OIL POOL

COUNTY ROOSEVELT POOL EAST TANNEYHILL-CISCO

TOWNSHIP 6 South RANGE 34 East



PURPOSE: One completed oil well capable of producing.

DISCOVERY WELL: Energy Reserves Group, Inc. El Paso State Well #1-P in Sec. 8, T6S, R34E, completed January 20, 1981, in the Cisco formation.

Top perf 7679 ft.

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

CASE NO. 7260 (j) ABOLISHMENT OF AN EXISTING GAS POOL

COUNTY Eddy POOL Carlsbad-Canyon Gas

TOWNSHIP 22S RANGE 27E NMIM

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

Purpose: Abolish the Carlsbad-Canyon Gas Pool, said acreage to be included in the East Carlsbad-Wolfcamp Gas Pool.

Pool boundary outlined in Red.

Section 21; S/2

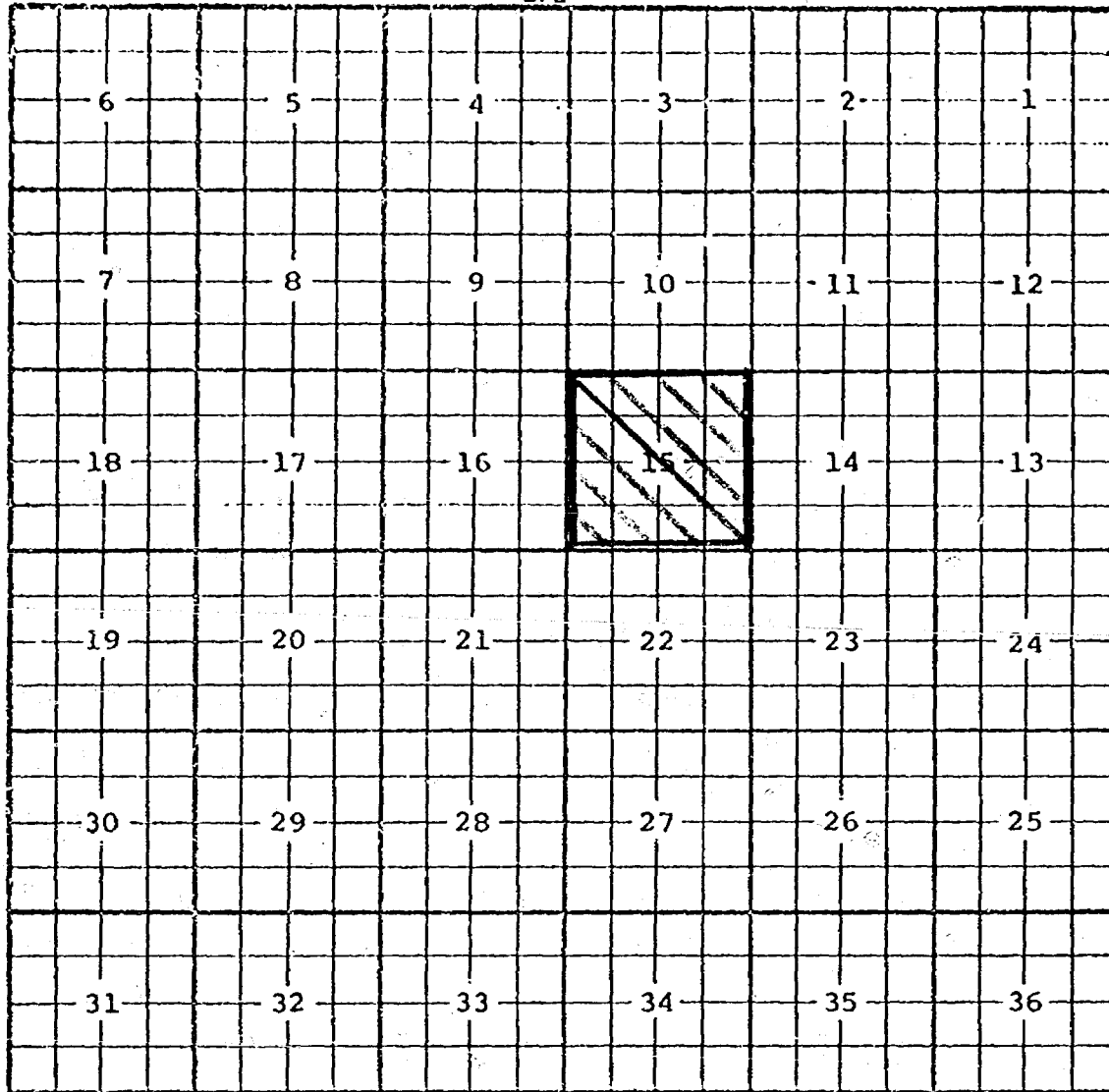
Proposed abolishment hachured in blue.

Section 21; S/2

CASE NO. 7260 (k) ABOLISHMENT OF AN EXISTING GAS POOL

COUNTY Eddy POOL Carlsbad-Permo-Pennsylvania Gas Pool

TOWNSHIP 22S RANGE 27E NM1M



Purpose: Abolish the Carlsbad-Permo-Penn. Gas Pool

Said acreage to be included in the East Carlsbad-Wolfcamp Gas Pool.

Pool boundary outlined in red.

Section 15: ALL

Proposed abolishment hachured in blue.

Section 15: ALL

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL (page 1 of 4 pages)

COUNTY Eddy POOL Baldrige Canyon-Morrow Gas

| TOWNSHIP | 23S | RANGE | 24E | MMPM |
|----------|-----|-------|-----|------|
| 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: Five completed gas wells capable of producing

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|----------------|-----------|-------|----------|----------|--------|--------|
| Amoco Prod.Co. | St.IH Com | #1-J | 36-23-24 | 10-20-80 | Morrow | 10207' |
| " | St.IB Com | #1-N | 31-23-25 | 12-13-80 | " | 10496' |
| " | St.IN Com | #1-G | 1-24-24 | 11-17-80 | " | 10535' |
| " | St.HK Com | #1-L | 6-24-25 | 2 -5-80 | " | 10640' |
| " | St.IC Com | #1-C | 7-24-25 | 7-30-80 | " | 10830' |

Pool boundary outlined in red,

Proposed extensions outlined in Blue.

Section 36: S/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 2 of 4 pages)

COUNTY Eddy

POOL Baldrige Canyon-Morrow Gas

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

Purpose: See Exhibit I.

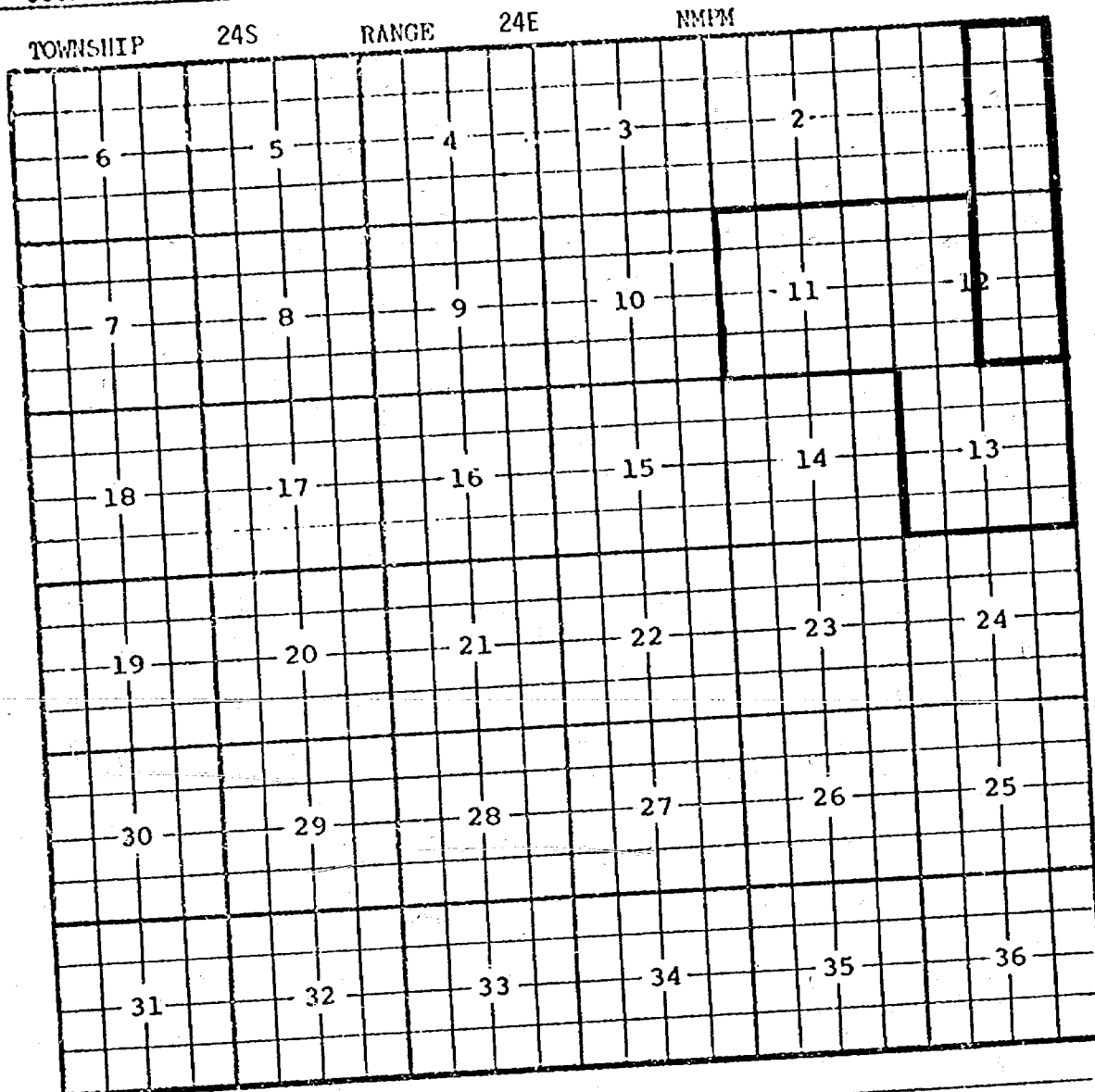
Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 31: S/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. (Page 3 of 4 Pages)

COUNTY Eddy POOL Baldrige Canyon-Morrow Gas



Purpose: See Exhibit I.

Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 1: E/2

Section 12: E/2

CASE NO. 7260 (1) EXTENSION OF AN EXISTING GAS POOL Contd. Page 4 of 4 pages

COUNTY Eddy POOL Baldrige Canyon-Morrow Gas

| TOWNSHIP | 24S | RANGE | 25E | NM1M | |
|----------|-----|-------|-----|------|----|
| | 5 | 4 | 3 | 2 | 1 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 18 | 17 | 16 | 15 | 14 | 13 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 30 | 29 | 28 | 27 | 26 | 25 |
| 31 | 32 | 33 | 34 | 35 | 36 |

Purpose: See Exhibit I

Pool boundary outlined in Red.

Proposed extension outlined in Blue.

Section 6: W/2

Section 7: N/2

CASE NO. 7260

(m) EXTENSION OF AN EXISTING OIL POOL

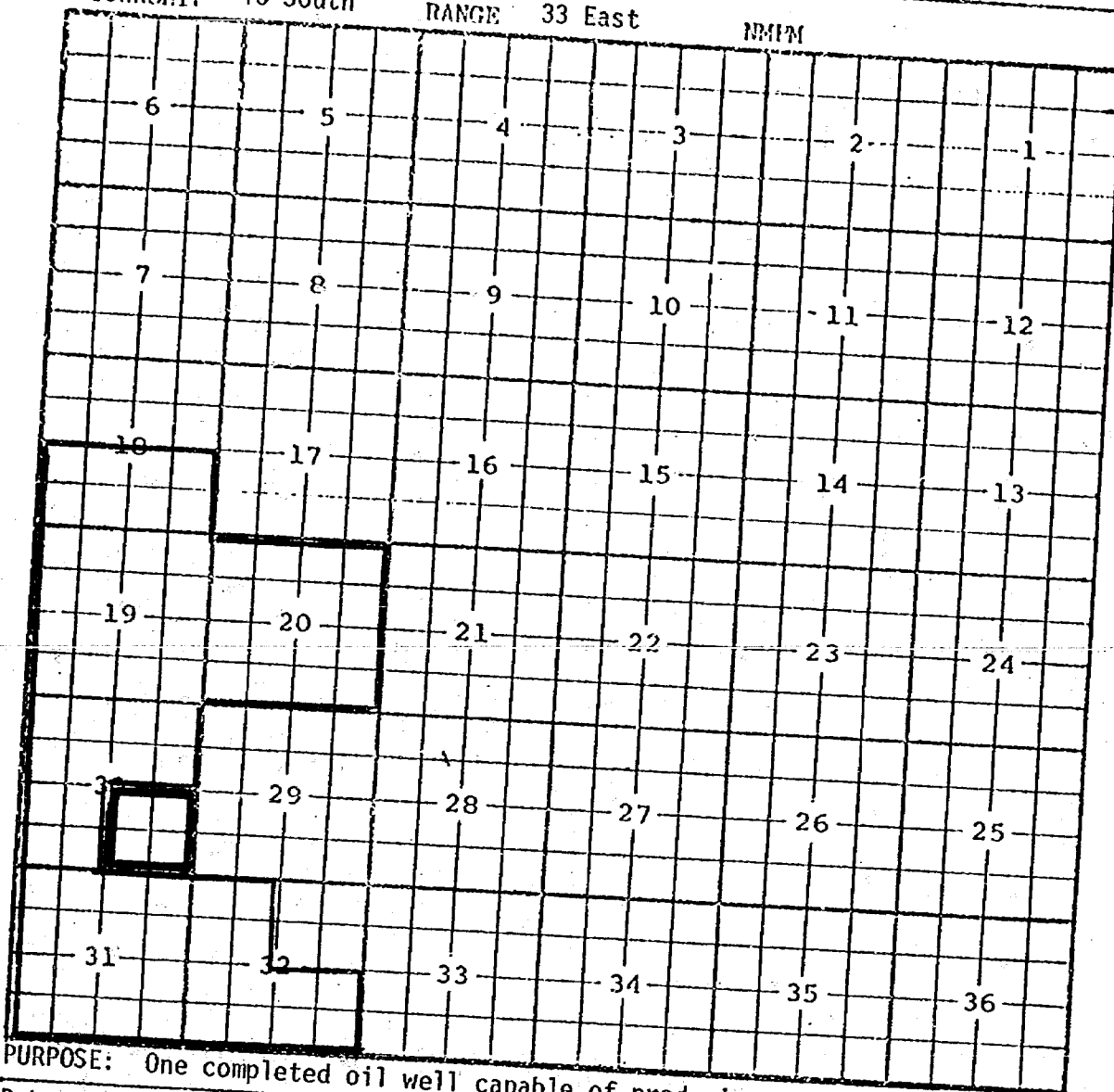
COUNTY LEA

POOL BAUM-UPPER PENNSYLVANIAN

TOWNSHIP 13 South

RANGE 33 East

NMPM



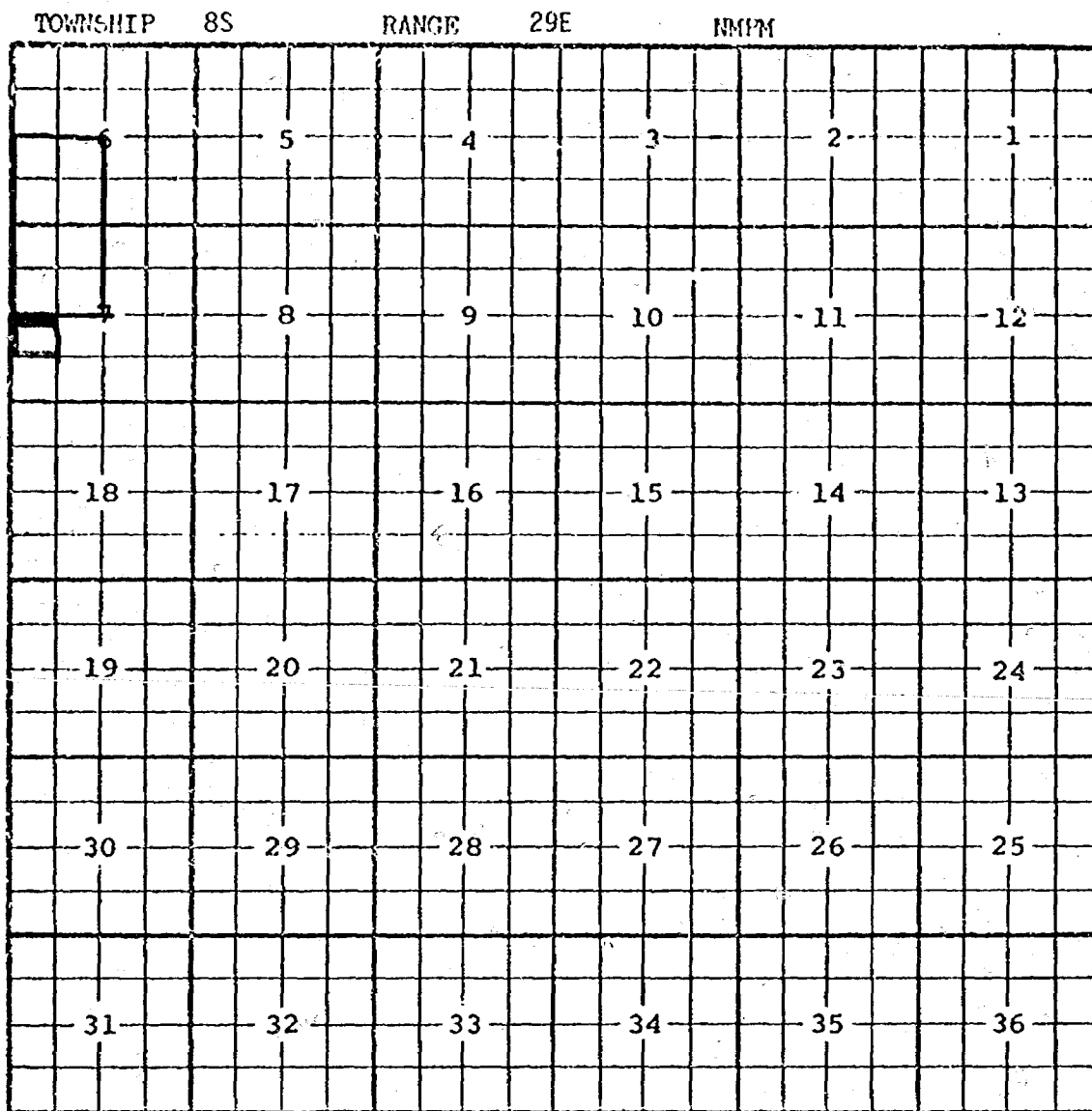
PURPOSE: One completed oil well capable of producing.

R.L. Burns Corporation State 30 Com Well #3-0 in Sec. 30, T13S, R33E,
completed Feb. 18, 1981, in the Upper Pennsylvanian formation. Top perf
9710 ft.

Pool boundary outlined in red.

Proposed Pool extension outlined in green. SECTION 30: SE/4

COUNTY Chaves POOL Bull's Eye-San Andres



Purpose: See Exhibit I

TO BE DISMISSED DUE TO ERROR IN ADVERTISING.

Pool boundary outlined in red.

Proposed extension outlined in Blue.

Section 7: NW/4 SW/4

COUNTY Chaves POOL Bull's Eye-San Andres

TOWNSHIP 8S RANGE 28E NMM

| | | | | | |
|----|----|----|----|----|----|
| 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 oil wells capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form | TOP |
|------------------|------------------|-------|---------|---------|------|-------|
| The Harlow Corp. | Bar | #1-I | 12-8-28 | 2 -3-81 | SA | 2718' |
| The Harlow Corp. | O'Brien Lightcap | #1-L | 7-8-29 | 2-13-81 | SA | 2701' |

Pool boundary outlined in red.

Proposed extension outlined in blue.

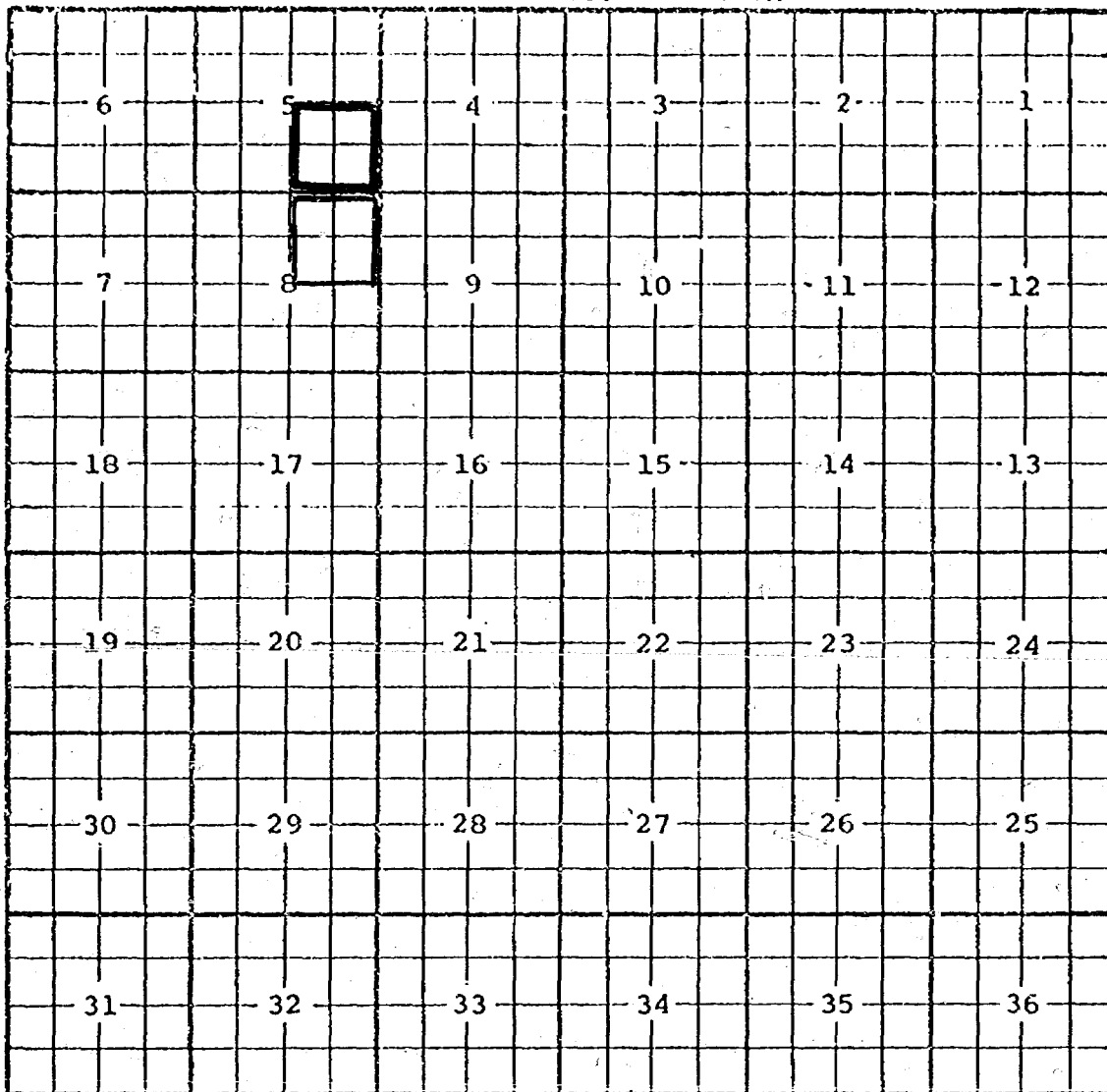
Section 12: N/2 SE/4

TO BE DISMISSED DUE TO AN ERROR IN ADVERTISING.

CASE NO. 7260 (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH CAPROCK-MISSISSIPPIAN

TOWNSHIP 12 South RANGE 32 East NMIM



PURPOSE: One completed oil well capable of producing.

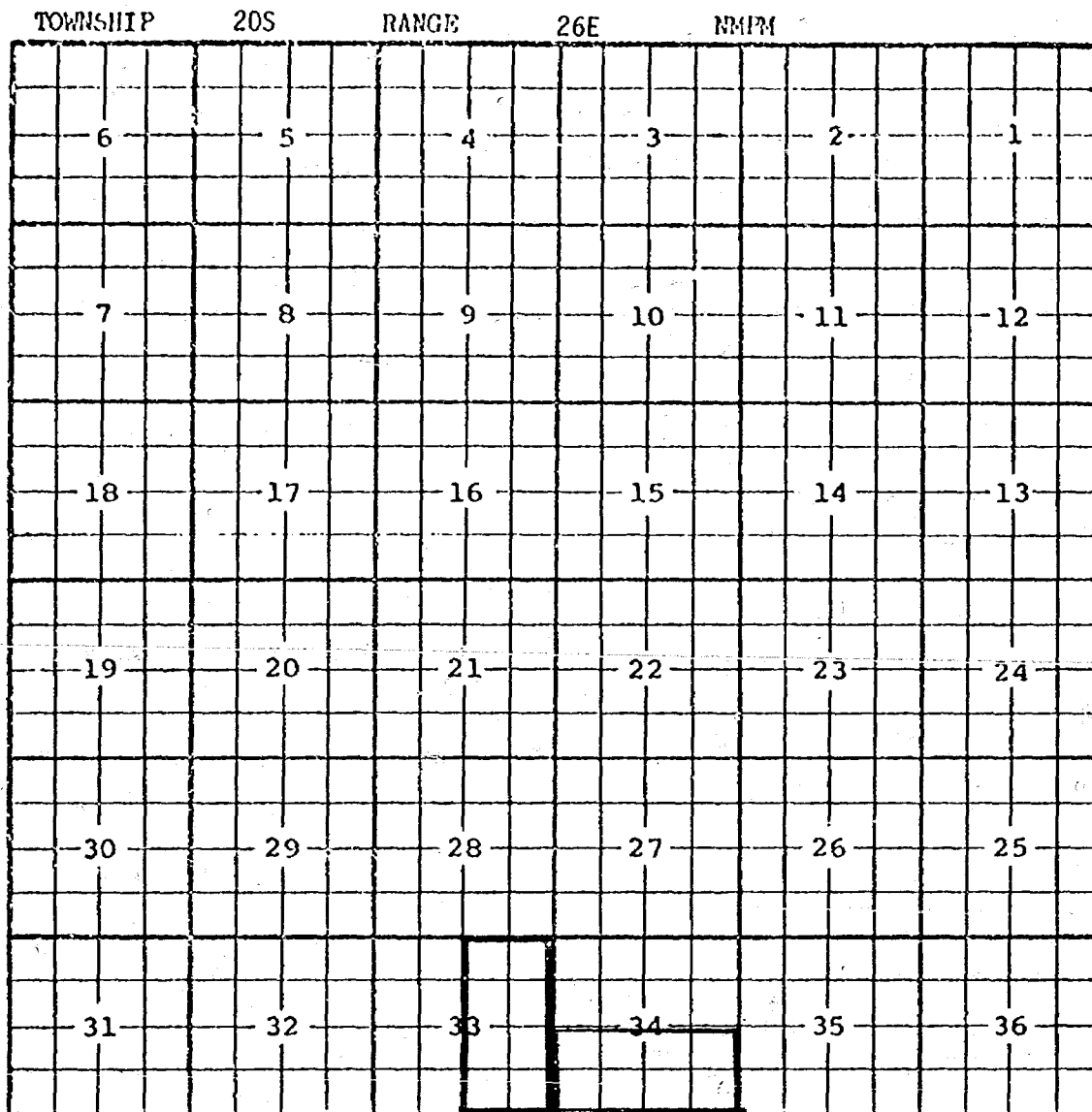
Morris R. Antweil Lucky Larry Well #1 located in Unit 0, Sec. 5, T12S, R32E, completed June 25, 1980, in the Mississippian formation. Top perf 11,112 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green SECTION 5: SE/4

CASE NO. 7260 (q) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Catclaw Draw-Morrow Gas



Purpose: One completed gas well capable of producing.

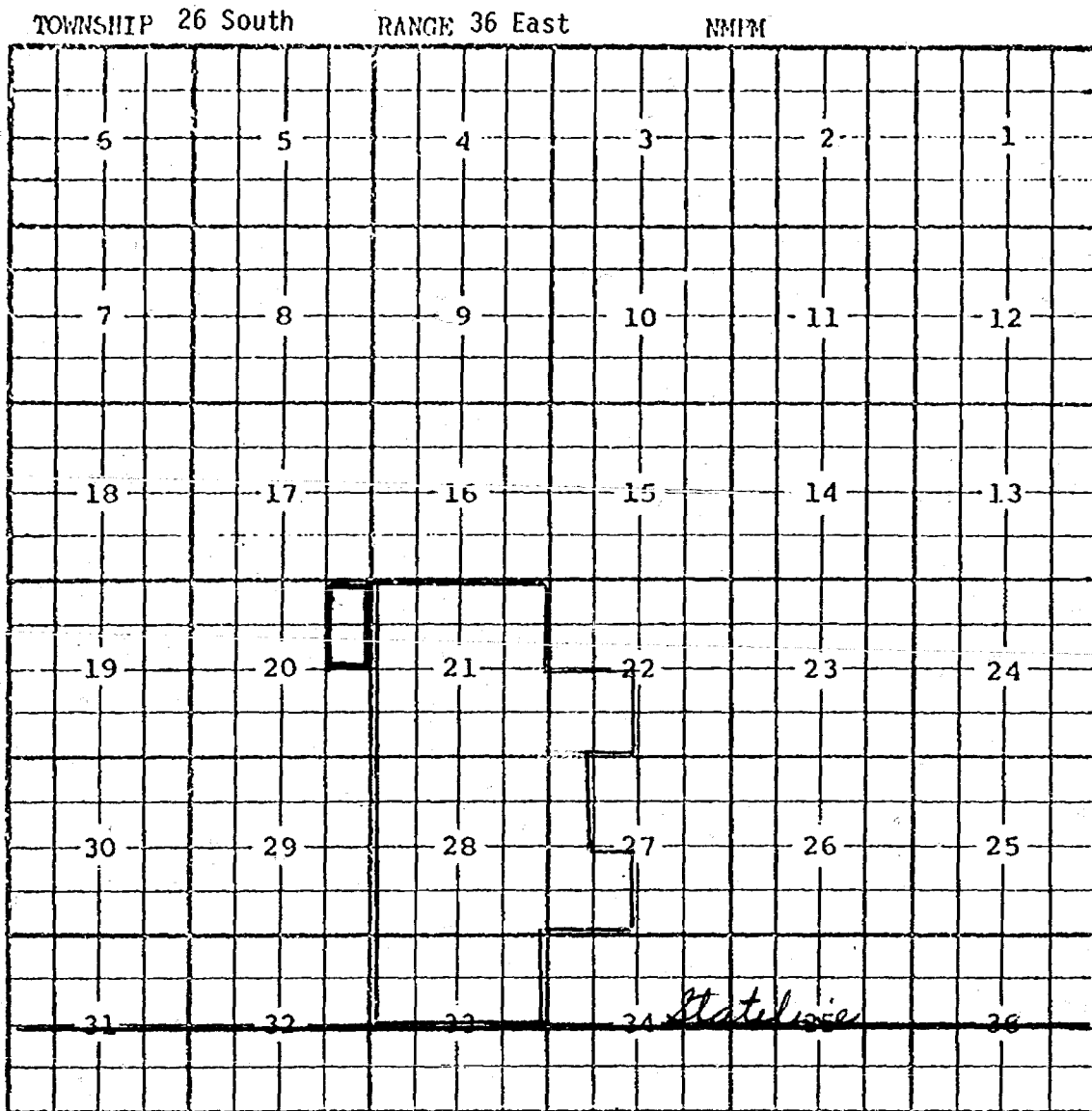
| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|---------------|---------|-------|----------------|---------|--------|-------|
| Jake L. Hamon | Fed. 33 | 1-I | 33 32-20-26 | 2-10-81 | Morrow | 10021 |

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 33: E/2

CASE NO.7260 (r) EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL COMANCHE STATELINE-TANSILL-YATES-SR-QUEEN



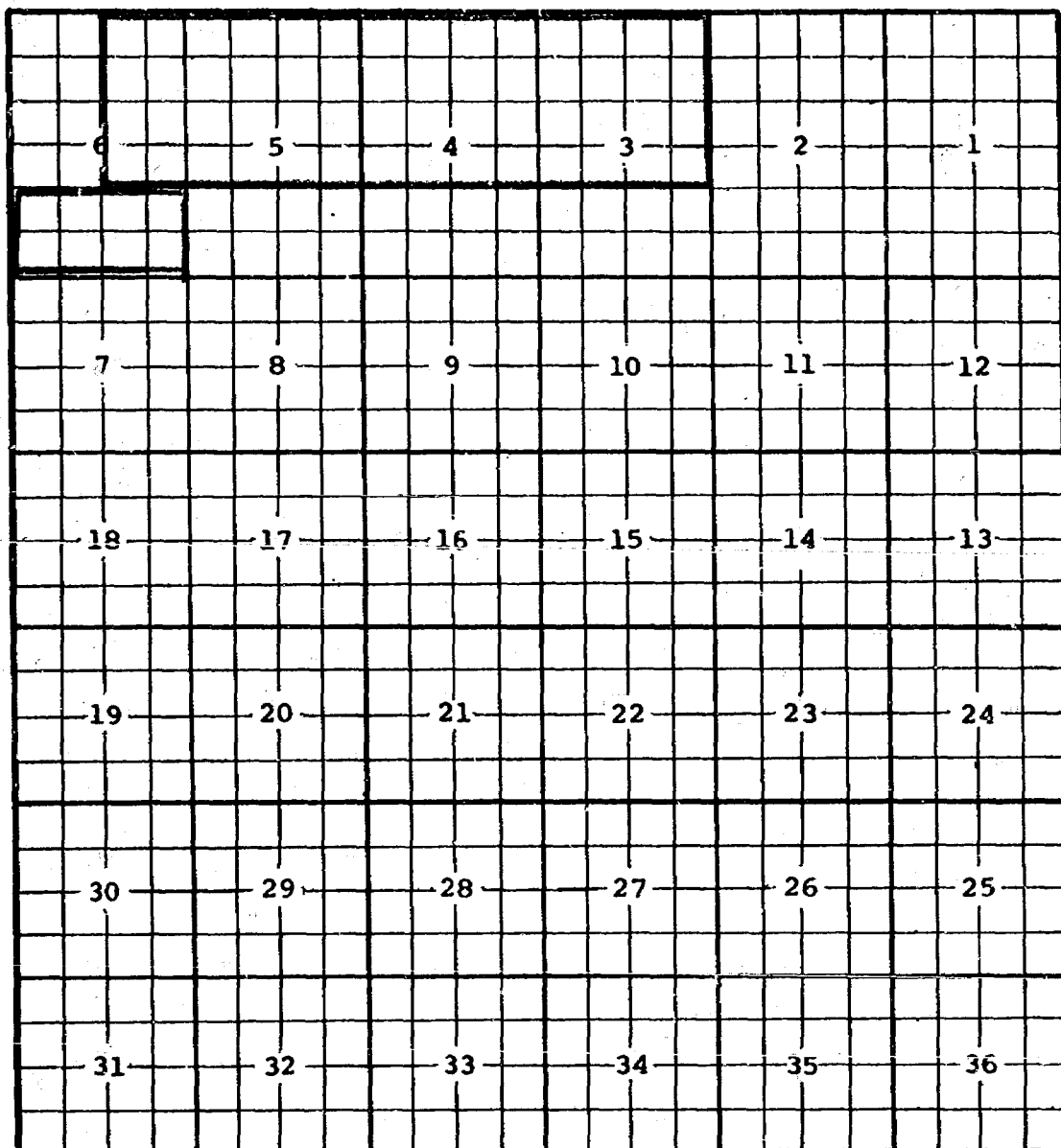
PURPOSE: One completed oil well capable of producing.
BTA Oil Producers Lea 20 7426 JV-S #2-A in Sec. 20, T26S,R36E, completed
March 1, 1981, in the Tansill-Yates formation. Top perf 3176 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 20: E/2 NE/4

CASE NO. 7260 (s) EXTENSION OF AN EXISTING GAS POOL

COUNTY EDDY POOL DIAMOND MOUND-MORROW GAS
TOWNSHIP 16 South RANGE 28 East NMFM



PURPOSE: One completed gas well capable of producing.

| Operator | LEASE | #&Ut | S-T-R | COMP. | FORM. | TOP |
|----------------|--------------|------|---------|---------|--------|-------|
| Gulf Oil Corp. | Callaway Fed | 3-S | 6-16-28 | 3-14-81 | Morrow | 8939' |

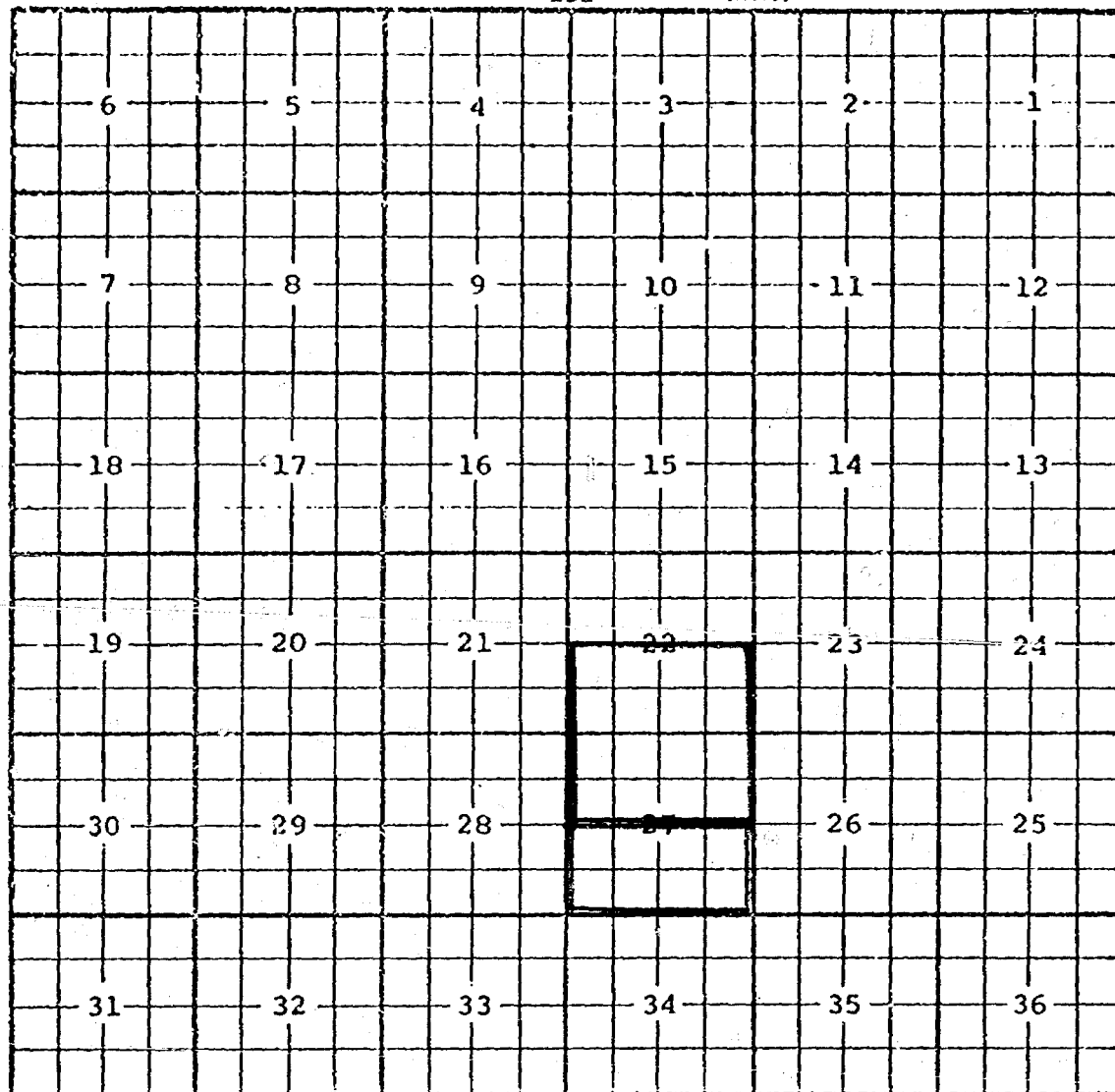
Pool boundary outlined in red

Proposed pool extension outlined in blue. Section 6: S/2

CASE NO. 7260 (t) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL, Dublin Ranch-Atoka Gas

TOWNSHIP 22S RANGE 28E NMIM



Purpose: One completed gas well capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form | TOP |
|-----------------|-----------|-------|----------|---------|-------|--------|
| Dinero Opr. Co. | Big Chief | 2-N | 22-22-28 | 3-16-81 | Atoka | 11417' |

Pool boundary outlined in red.

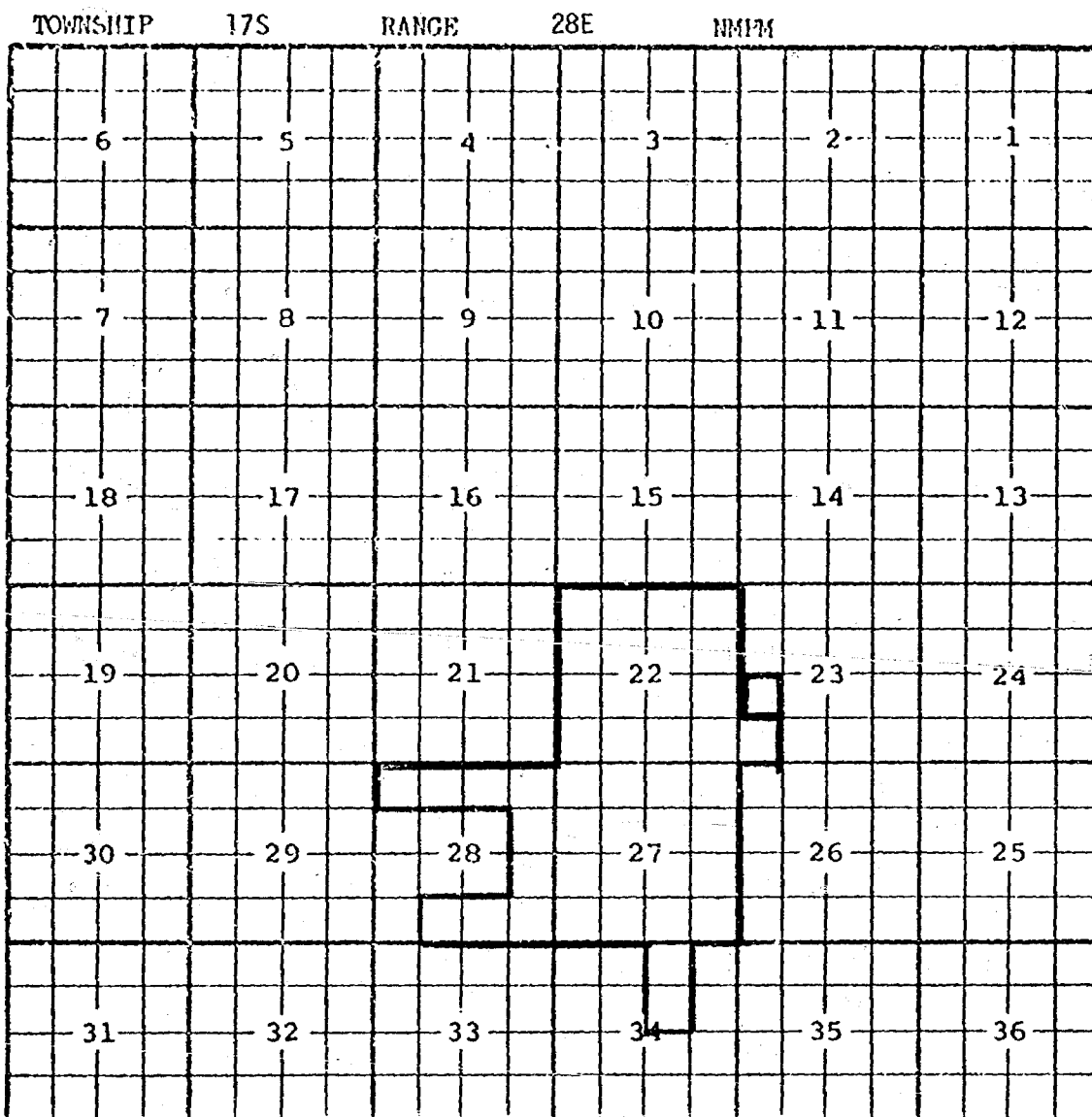
Proposed extension outlined in blue.

Section 22: S/2

Section 27: N/2

CASE NO. 7260 (u) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL East Empire-Yates SR



Purpose: One completed oil well capable of producing.

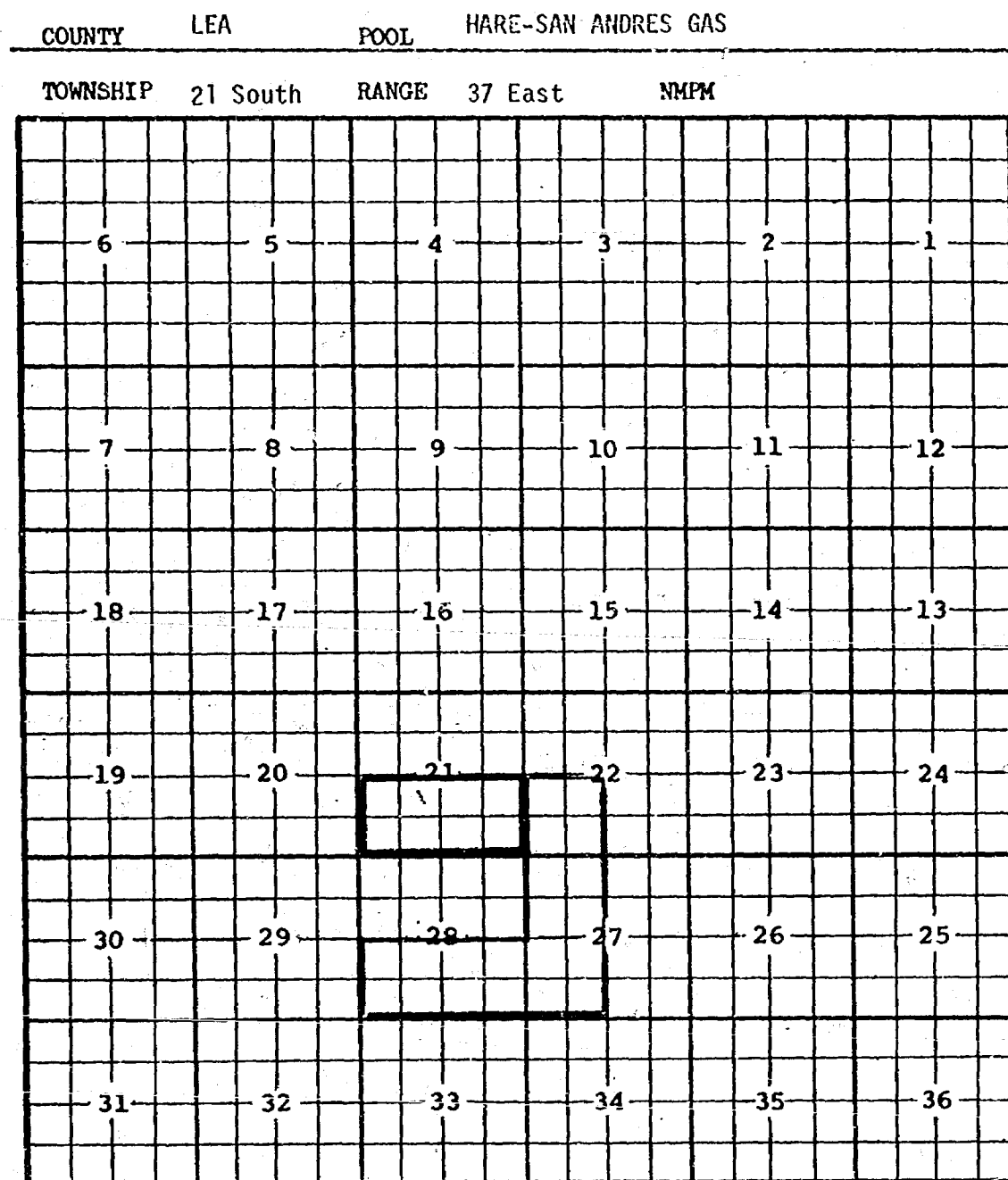
| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|--------------------|----------|-------|----------|---------|-------|------|
| W.A. Moncrief, Jr. | State 23 | 1-1 | 23-17-28 | 1-21-81 | SR | 774' |

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 23: NW/4 SW/4

CASE NO. 7260 (v) EXTENSION OF AN EXISTING GAS POOL



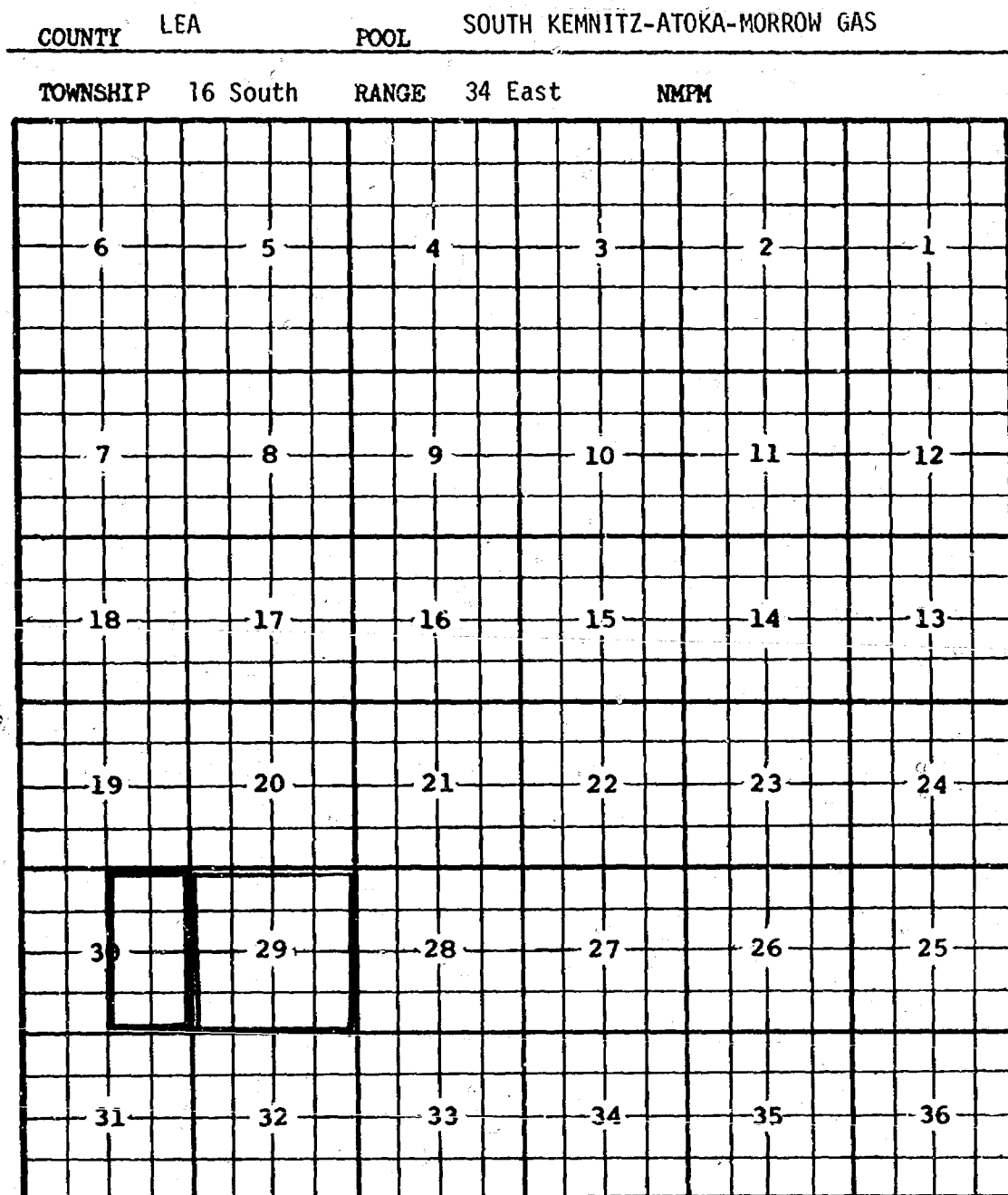
PURPOSE: One completed gas well capable of producing.

Alpha-Twenty-One Prod.Co. Lansford Well #1-N in Sec. 21, T21S, R37E, completed Feb 17, 1981, in the San Andres formation. Top perf 4015 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 21: S/2

CASE NO. 7260 (w) EXTENSION OF AN EXISTING GAS POOL



PURPOSE: One completed gas well capable of producing.

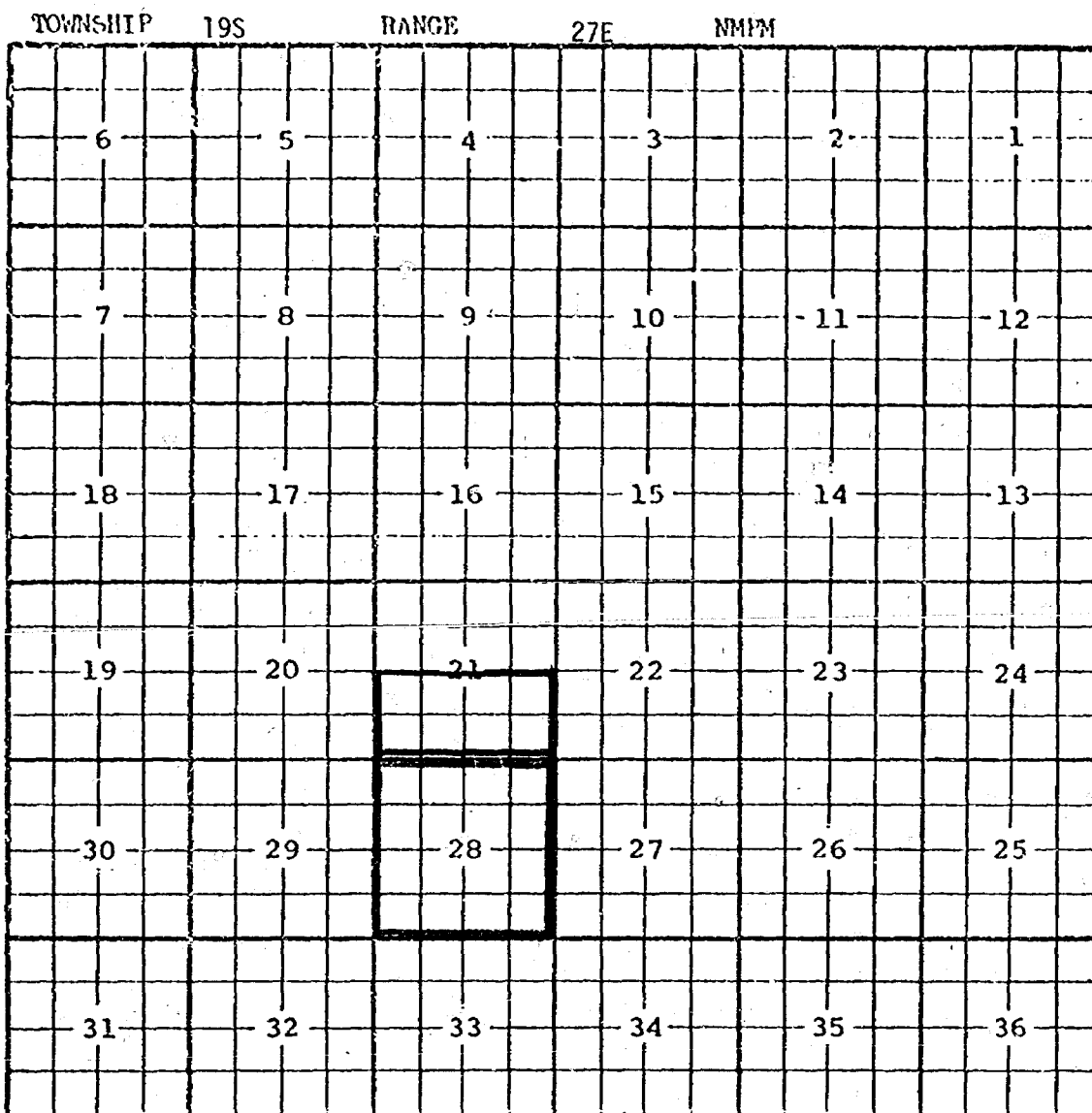
Tenneco Oil Company State LF-30 Well #1-H in Sec. 30, T16S,R34E, completed March 9, 1981, in the Atoka/Morrow formation with top perf at 12,686'.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 30: E/2

CASE NO. 7260 (x) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL North McMillan-Morrow Gas



Purpose: One completed gas well capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form |
|-----------------------|----------------------------|-------|----------|---------|--------|
| Southland Royalty Co. | Pecos River 21 Fed. Com | 1-K | 21-19-27 | 2-26-81 | Morrow |

TOP
9910'

Pool boundary outlined in red.

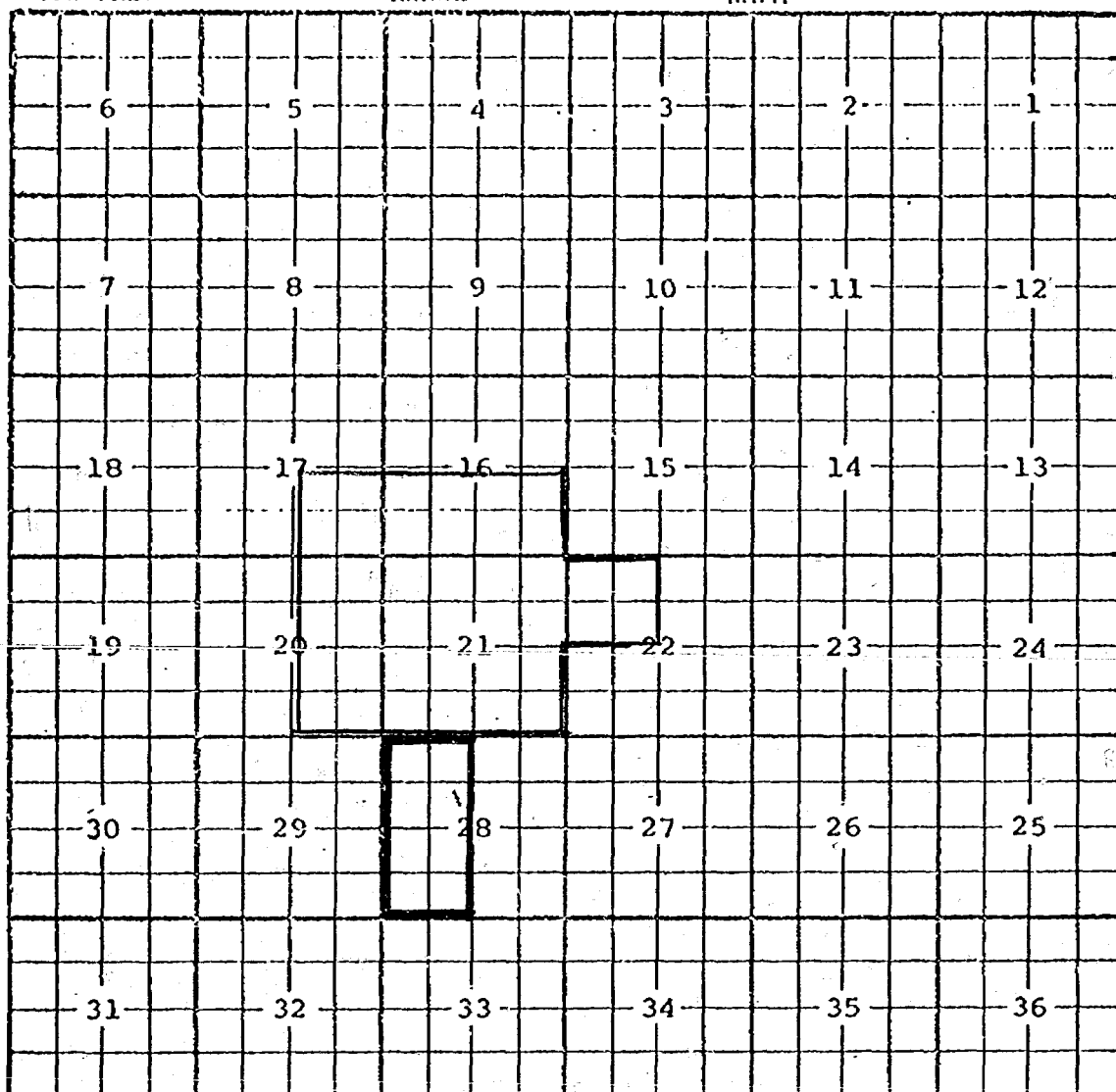
Proposed extension outlined in blue.

Section 31: S/2

CASE NO. 7260 (y) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL MALJAMAR-STRAWN

TOWNSHIP 17 South RANGE 32 East NMIM



PURPOSE: One completed oil well capable of producing.

Amoco Production Company, Federal BI Well #1-N in Sec. 28, T17S, R32E, completed March 18, 1981, in the Strawn formation. Top perf 11,634 ft.

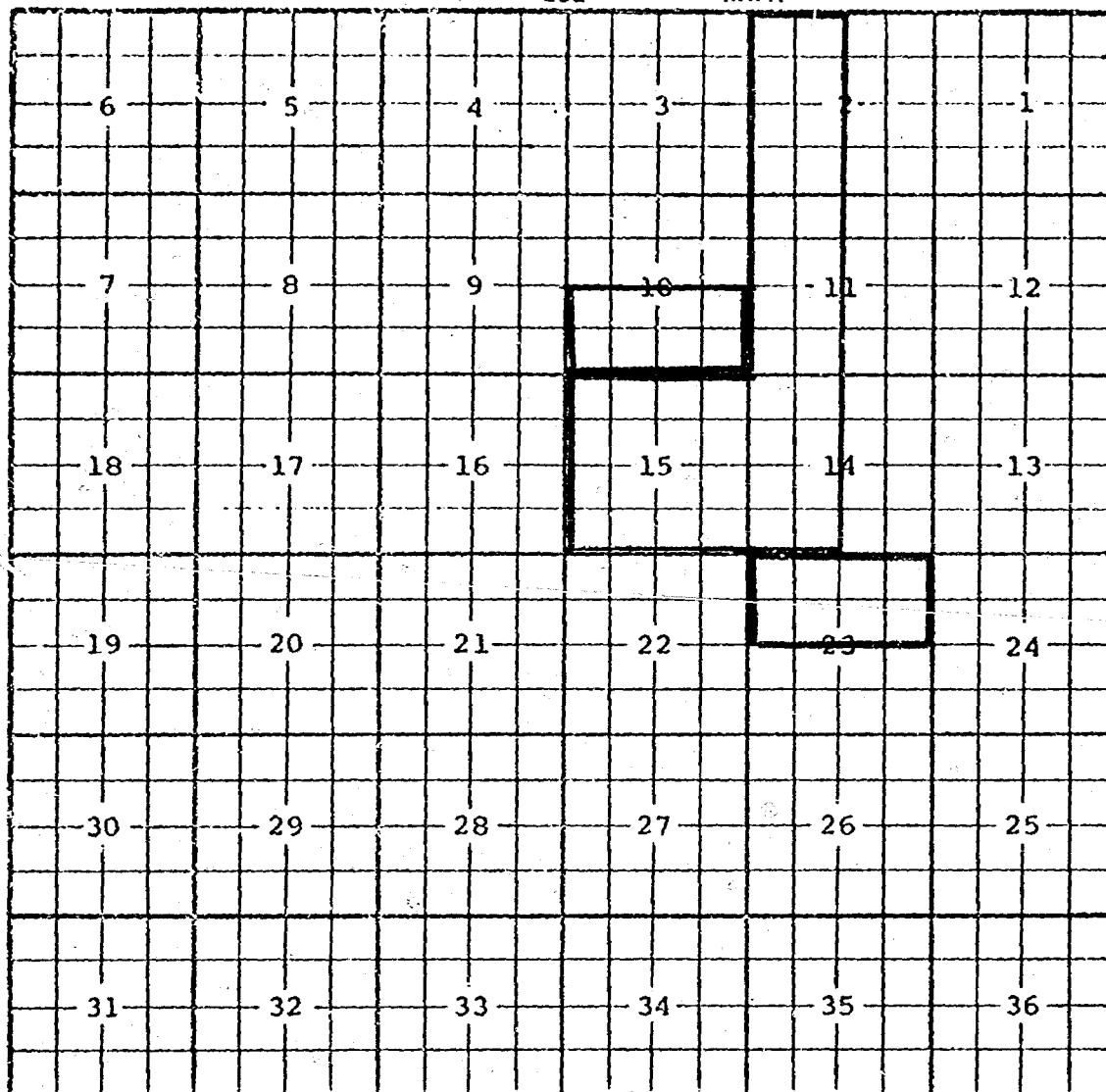
Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 28: W/2

CASE NO. 7260 (z) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Malaga-Morrow Gas

TOWNSHIP 24S RANGE 28E NMM



Purpose: Two completed gas wells capable of producing.

| Operator | Lease | #<lt. S.T.R. | Comp. | Form | TOP |
|---------------------|-------------|-----------------|---------|--------|-------|
| Aminoil USA, Inc. | Kirkes | #1-J 10-24-28 | 3-21-81 | Morrow | 12312 |
| Maddox Energy Corp. | Earl Guitar | #1-G 23-24-28 | 3-18-81 | Morrow | 12499 |

Pool boundary outlined in red.

Proposed extension outlined in Blue.

Section 10: S/2

Section 23: N/2

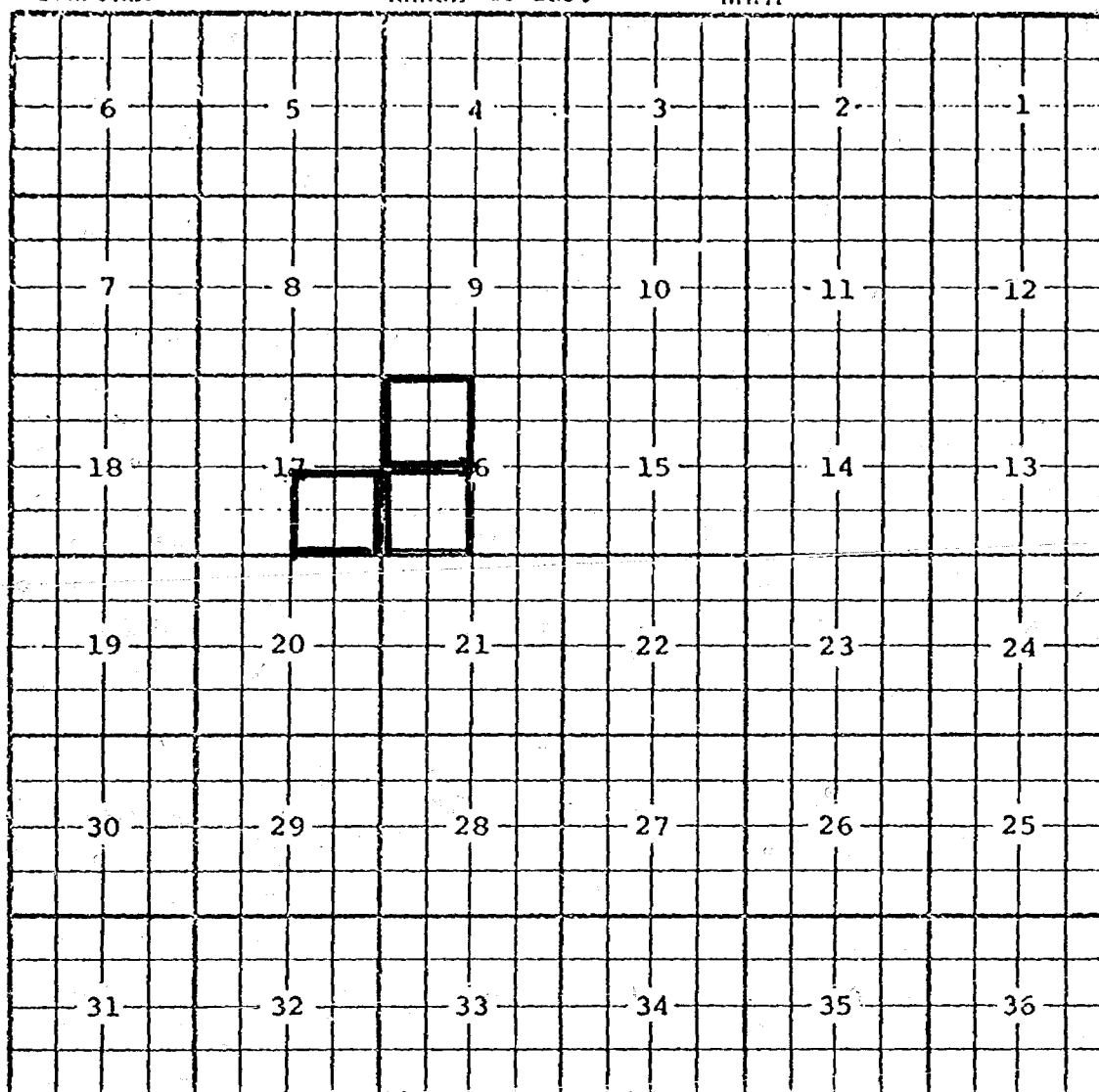
CASE NO. 7260 (aa) EXTENSION OF AN EXISTING OIL POOL

COUNTY ROOSEVELT POOL NORTH PETERSON-PENNSYLVANIAN

TOWNSHIP 4 South

RANGE 33 East

NMIM



PURPOSE: Two completed oil wells capable of producing.

Enserch Expl. Inc. Pearl Jordan Well #1-I in Sec. 17, T4S, R33E, completed March 7, 1981, in the Pennsylvanian formation. Top perf 7830 ft.

Enserch Expl. Inc. Amoco State Well #3-E in Sec. 16, T4S, R33E, completed Feb. 15, 1981, in the Pennsylvanian formation. Top perf 7834 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 17: SE/4

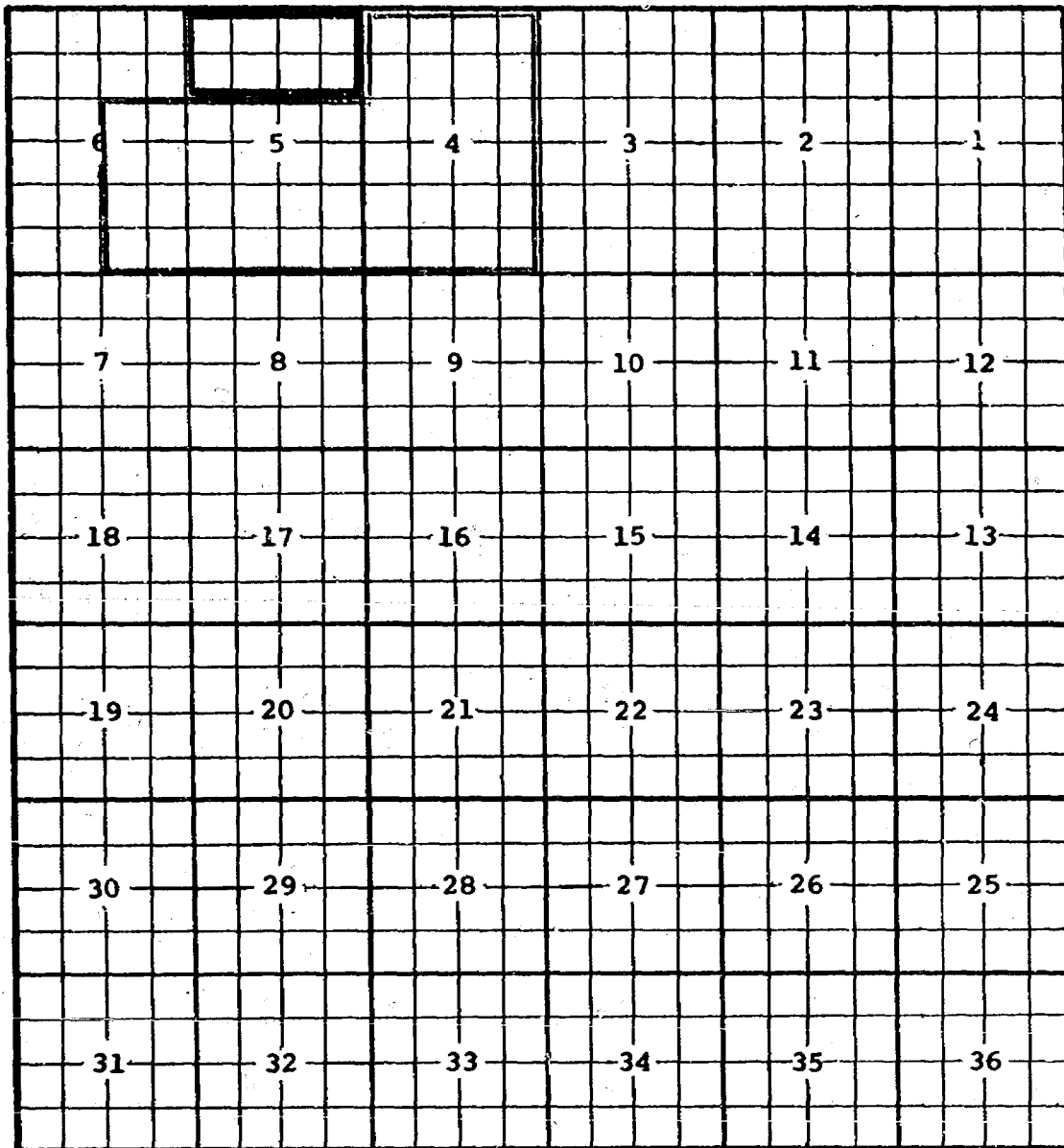
Addition

SECTION 16: NW/4

CASE NO. 7260 (bb) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SOUTH SALT LAKE-MORROW GAS

TOWNSHIP 21 South RANGE 32 East NMPM



PURPOSE: One completed gas well capable of producing.

Perry R. Bass C.A. Loomis Fed Well #1-E in Sec. 5, T21S,R32E, completed March 27, 1981, in the Morrow formation. Top perf 13,672 ft.

Pool boundary outlined in red.

Proposed pool extension outlined in green.

SECTION 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

COUNTY Eddy POOL Shugart-Pennsylvanian Gas to Shugart-Morrow Gas POOL

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a boustrophedon pattern, starting from the top right (1) and ending at the bottom left (36). A thick black line highlights a path that starts at cell 27, moves right to cell 28, then down to cell 33, and finally left to cell 34.

Purpose: Redesignation of the Shugart-Pennsylvania Gas Pool to the Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval in said pool, and one completed gas well capable of producing.

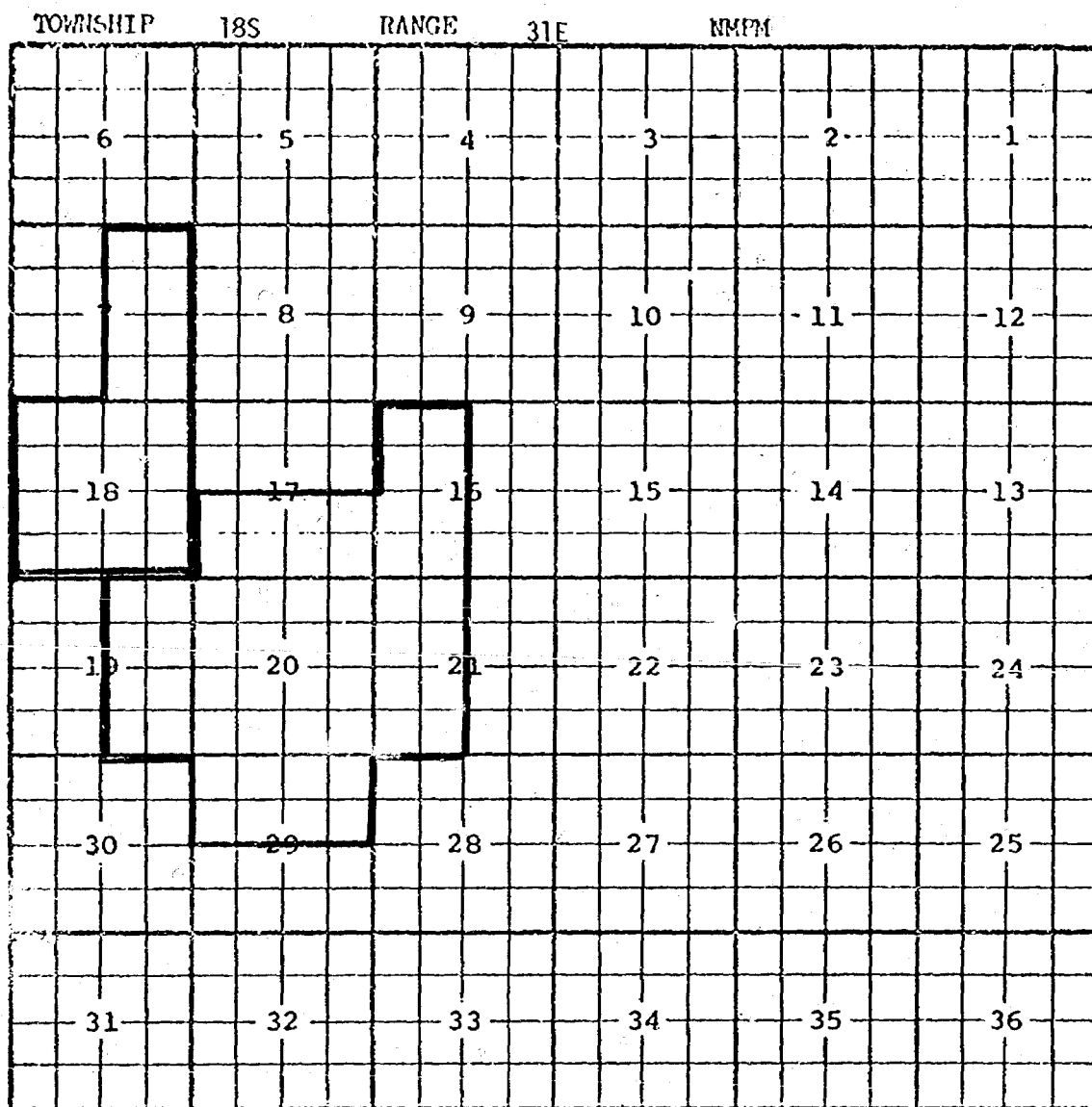
| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP |
|-----------------|------------------------|-------|----------|---------|--------|--------|
| Amoco Prod. Co. | Greenwood Pre-Grayburg | 1-C | 26-18-31 | 11-2-80 | Morrow | 11512' |
| | Ut. Fed. D Com | | | | | |

Pool boundary outlined in red.

Proposed extension outlined in blue.

Section 26: N/2

CASE NO. 7260 (dd) EXTENSION OF AN EXSITING GAS POOL
COUNTY Eddy POOL, North Shugart-Morrow Gas



Purpose: Two completed gas wells capable of producing.

| Operator | Lease | #&Ut. | S.T.R. | Comp. | Form. | TOP | |
|-------------------|------------|-------|------------------|---------|----------|----------|--------|
| Holly Energy Inc. | Roche Fed. | 2 J | 7-18-31 | 3-15-81 | Morrow | 11498 | |
| " | " | " | Canadian Kenwood | 1-F | 18-18-31 | 12 -2-80 | Morrow |
| | 18 Federal | | | | | | 11730 |

Pool boundary outlined in red.

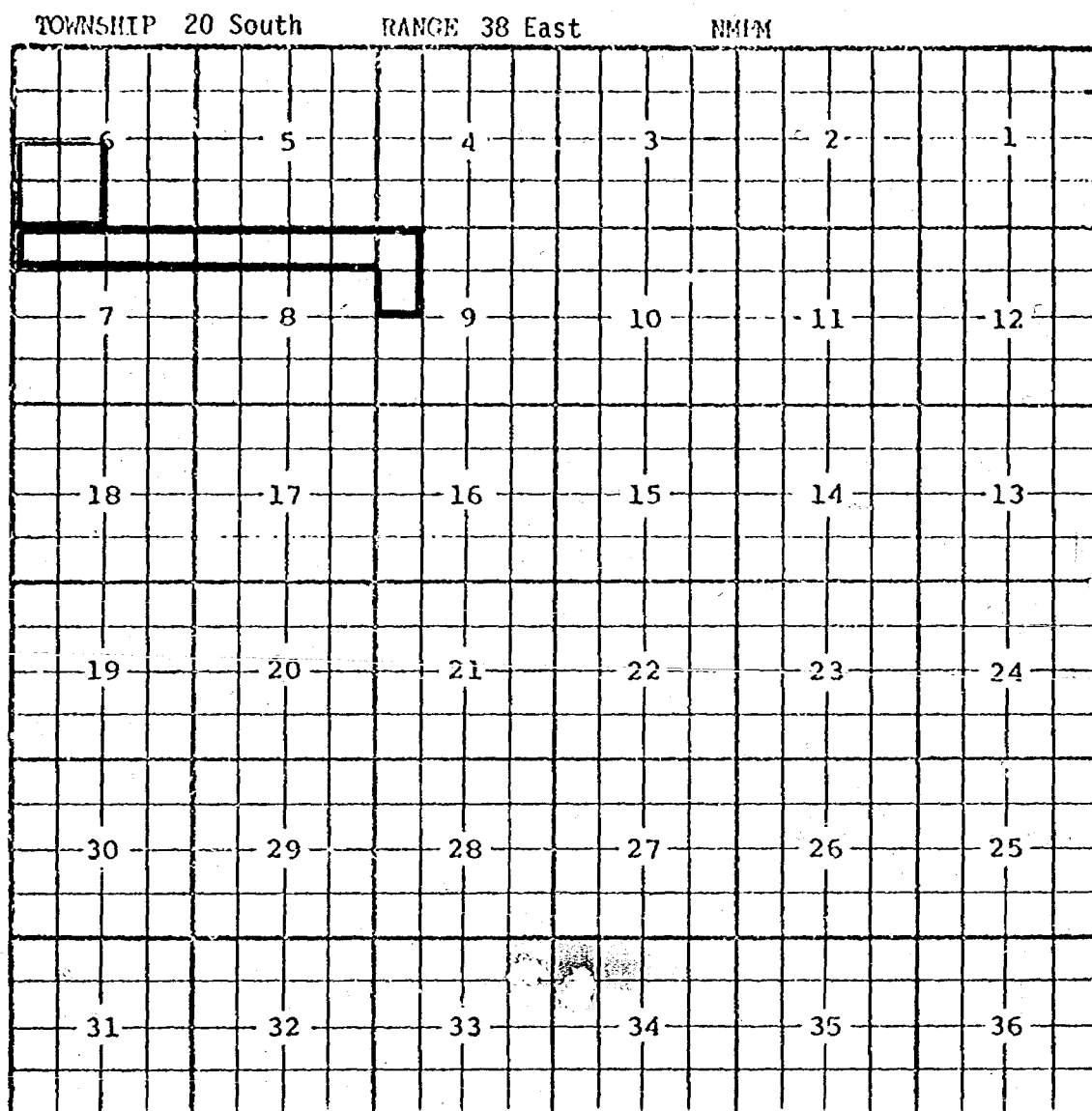
Proposed extension outlined in blue.

Section 7: E/2

Section 18: ALL

CASE NO. 7260 (ee) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL EAST WEIR -BLINEBRY



PURPOSE: Two completed oil wells capable of producing.

Morris R. Antweil Albert Well #1-B in Sec. 8, T20S, R38E, completed Sept. 29, 1980, in the Blinebry formation. Top perf 5974 feet.

Tamarack Pet. Co. Inc. Depew Well #1-E in Sec. 9, T20S, R38E, completed Nov. 28, 1980 in the Blinebry formation. Top perf 6036 feet.

Pool boundary outlined in red.

Proposed pool extension outlined in green. SECTION 7: N/2 N/2

SECTION 8: N/2 N/2

SECTION 9: W/2 NW/4

CASE 7225: (Continued from April 22, 1981, Examiner Hearing)

Application of Knox Industries, Inc. for an unorthodox gas well location, Lea County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox Morrow location of its Maddox Well No. 1 to be drilled 1980 feet from the South line and 660 feet from the West line of Section 12, Township 23 South, Range 34 East, Northeast Antelope Ridge Field, the S/2 of said Section 12 to be dedicated to the well.

CASE 7258: Application of HNC Oil Company for compulsory pooling, Lea County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Wolfcamp and Pennsylvanian formations underlying the S/2 of Section 32, Township 21 South, Range 35 East, to be dedicated to a well to be drilled at a standard location thereon. Also to be considered will be the cost of drilling and completing said well and the allocation of the cost thereof as well as actual operating costs and charges for supervision, designation of applicant as operator of the well, and a charge for the risk involved in drilling said well.

CASE 7086: (Continued from April 8, 1981, Examiner Hearing)

Application of Blackwood & Nichols Company, Ltd. for designation of a tight formation, San Juan and Rio Arriba Counties, New Mexico. Applicant, in the above-styled cause, seeks the designation of the Pictured Cliffs formation underlying portions of Townships 30 and 31 North, Ranges 6, 7, and 8 West, containing 33,500 acres, more or less, as a tight formation pursuant to Section 107 of the Natural Gas Policy Act and 18 CFR Section 271.701-705.

CASE 7259: In the matter of the hearing called by the Oil Conservation Division on its own motion to permit New Mexico State University and Fireman's Fund Insurance Company to appear and show cause why two certain geothermal wells, being the New Mexico State University Well No. TG-3 and Well No. DT-4, both located in the NW/4 SE/4 of Section 14, Township 29 South, Range 8 West, Luna County, New Mexico, should not be ordered plugged and abandoned in accordance with a Division-approved plugging program.

CASE 7260: In the matter of the hearing called by the Oil Conservation Division on its own motion for an order creating, abolishing, contracting vertical limits, and extending horizontal limits of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico:

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

NOMENCLATURE ADVERTISEMENT FOR MAY 1981
CASE NO. 7260

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

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM ✓
Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM ✓
Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM ✓
Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM ✓
Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM ✓
Section 24: N/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon, Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM ✓
Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM ✓
Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. Said Pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM ✓
Section 3: E/2

Nomenclature Advertisement for May 1981

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tanneyhill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM ✓
Section 8: SE/4

(j) ABOLISH the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM ✓
Section 21: S/2

(k) ABOLISH the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM ✓
Section 15: All

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM ✓
Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM ✓
Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM ✓
Section 1: E/2
Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM ✓
Section 6: W/2
Section 7: N/2

(m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM ✓
Section 30: SE/4

(n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM ✓
Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM ✓
Section 7: NW/4 SW/4

(o) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM ✓
Section 5: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM ✓
Section 14: N/2
Section 15: All
Section 16: E/2
Section 20: E/2
Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM ✓
Section 33: E/2

(r) EXTEND the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM ✓
Section 20: E/2 NE/4

Nomenclature Advertisement for May 1981

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM ✓
Section 6: S/2

(t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM ✓
Section 22: S/2
Section 27: N/2

(u) EXTEND the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM ✓
Section 23: NW/4 SW/4

(v) EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM ✓
Section 21: S/2

(w) EXTEND the South Kemnitz-Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM ✓
Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM ✓
Section 21: S/2

(y) EXTEND the Maljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM ✓
Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM ✓
Section 10: S/2
Section 23: N/2

(aa) EXTEND the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM ✓
Section 17: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8 ✓

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Gas Pool to the Morrow formation only and redesignate said pool to Shugart-Morrow Gas Pool, and extend horizontal limits of said pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM ✓
Section 26: N/2

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM ✓
Section 7: E/2
Section 18: All

(ee) EXTEND the East Weir-Blinebry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM ✓
Section 7: N/2 N/2
Section 8: N/2 N/2
Section 9: W/2 NW/4

NOMENCLATURE ADVERTISEMENT FOR MAY 1981
CASE NO. 7260

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

(a) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the West Antelope Ridge-Atoka Gas Pool. The discovery well is Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

(b) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Strawn production and designated as the Antelope Ridge-Strawn Gas Pool. The discovery well is Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

(c) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Montoya production and designated as the Fowler-Montoya Pool. The discovery well is Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. Said pool would comprise:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

(d) CREATE a new pool in Lea County, New Mexico, classified as a gas pool for Atoka production and designated as the Grama Ridge-Atoka Gas Pool. The discovery well is Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

(e) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan-Wolfcamp Gas Pool. The discovery well is Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 24: N/2

(f) CREATE a new pool in Lea County, New Mexico, classified as an oil pool for Bone Spring production and designated as the North Osudo-Bone Spring Pool. The discovery well is Jake L. Hamon, Hamon-Samedan-Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. Said pool would comprise:

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 8: SW/4

(g) CREATE a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp Pool. The discovery well is Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 1: NW/4 SE/4

(h) CREATE a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka Gas Pool. The discovery well is Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. Said Pool would comprise:

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 3: E/2

Nomenclature Advertisement for May 1981

(i) CREATE a new pool in Roosevelt County, New Mexico, classified as an oil pool for Cisco production and designated as the East Tanneyhill-Cisco Pool. The discovery well is Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM
Section 8: SE/4

(j) ABOLISH the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

(k) ABOLISH the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, described as: (acreage to be added to East Carlsbad-Wolfcamp Gas Pool)

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 15: All

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM
Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM
Section 1: E/2
Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM
Section 6: W/2
Section 7: N/2

(m) EXTEND the Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
Section 30: SE/4

(n) EXTEND the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM
Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM
Section 7: NW/4 SW/4

(o) EXTEND the North Caprock-Mississippian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM
Section 5: SE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 14: N/2
Section 15: All
Section 16: E/2
Section 20: E/2
Section 21: All

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 33: E/2

(r) EXTEND the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM
Section 20: E/2 NE/4

Nomenclature Advertisement for May 1981

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 6: S/2

(t) EXTEND the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 22 SOUTH, RANGE 28 EAST, NMPM
Section 22: S/2
Section 27: N/2

(u) EXTEND the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 23: NW/4 SW/4

(v) EXTEND the Hare-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 21: S/2

(w) EXTEND the South Kemnitz-Atoka-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

(y) EXTEND the Maljamar-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 10: S/2
Section 23: N/2

(aa) EXTEND the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM
Section 17: SE/4

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

TOWNSHIP 21 SOUTH, RANGE 32 EAST, NMPM
Section 5: Lots 1, 2, 3, 4, 5, 6, 7, and 8

(cc) CONTRACT the vertical limits of the Shugart-Pennsylvanian Gas Pool to the Morrow formation only and redesignate said pool to Shugart-Morrow Gas Pool, and extend horizontal limits of said pool to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 26: N/2

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 7: E/2
Section 18: A11

(ee) EXTEND the East Weir-Blinbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 7: N/2 N/2
Section 8: N/2 N/2
Section 9: W/2 NW/4

OIL CONSERVATION DIVISION
ARTESIA, NEW MEXICO
DISTRICT II

RECEIVED
APR 22 1981
OIL CONSERVATION DIVISION
SANTA FE

NOMENCLATURE ADVERTISEMENT FOR MAY, 1981

- (a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the McMillan Wolfcamp-Gas pool. The discovery well is Marbob Energy Corp. State CJ Com #1 located in Unit G of Section 24, Township 20 South, Range 26 East NMPM.
Said pool would comprise:
Township 20 South, Range 26 East, NMPM.
Section 24: N/2
- (b) Create a new pool in Eddy County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the West Palmillo-Wolfcamp oil pool. The discovery well is Bass Enterprises Prod. Co. Palmillo State #1 located in Unit J of Section 1, Township 19 South, Range 28 East NMPM.
Said pool would comprise:
Township 19 South, Range 28 East, NMPM.
Section 1: NW/4 SE/4
- (c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Scoggin Draw-Atoka gas pool. The discovery well is Amoco Production Co. Federal F Gas Com #1 located in Unit G of Section 3, Township 18 South, Range 27 East NMPM.
Said pool would comprise:
Township 18 South, Range 27 East, NMPM.
Section 3: E/2
- (d) Extend the Baldrige Canyon-Morrow Gas Pool in Eddy County, New Mexico to include therein:
Township 23 South, Range 24 East, NMPM.
Section 36: S/2

Township 23 South, Range 25 East, NMPM.
Section 31: S/2

Township 24 South, Range 24 East, NMPM.
Section 1: E/2
Section 12: E/2

Township 24 South, Range 25 East, NMPM.
Section 6: W/2
Section 7: N/2
- (e) Extend the Bull's Eye-San Andres Pool in Eddy County, New Mexico, to include therein:
Township 8 South, Range 28 East, NMPM.
Section 12: N/2 SE/4

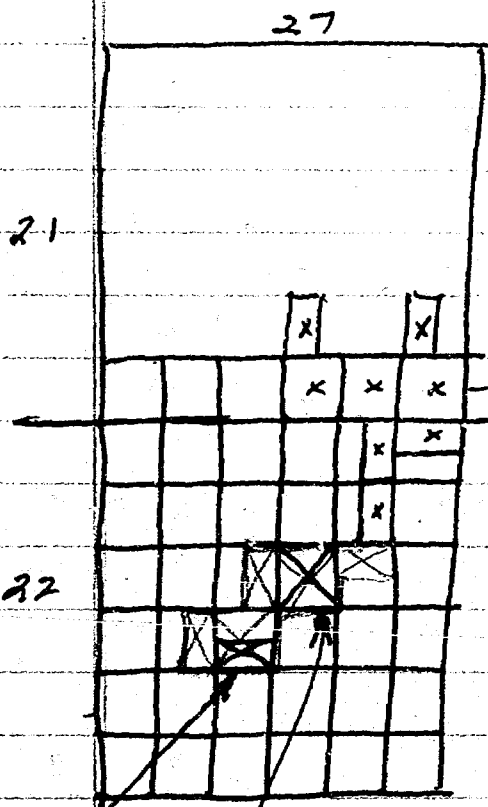
Township 8 South, Range 29 East, NMPM.
Section 7: NW/4 SW/4
- (f) Abolish the Carlsbad-Permo-Pennsylvanian and Carlsbad-Canyon Gas Pools and extend the horizontal limits of the East Carlsbad-Wolfcamp Gas Pool to correctly reflect the producing interval of existing wells to include therein:
Township 22 South, Range 27 East, Eddy County, NMPM.
Section 14: N/2
Section 15: ALL
Section 16: E/2
Section 20: E/2
Section 21: ALL

- Draw*
- (g) Extend the Catclaw-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
Township 20 South, Range 26 East, NMPM.
Section 33: E/2
 - (h) Extend the Diamond Mound-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
Township 16 South, Range 28 East, NMPM.
Section 6: ~~lots 1, 2, 7, 8, 9, 10, 15 & 16~~ S/2
 - (i) Extend the Dublin Ranch-Atoka Gas Pool in Eddy County, New Mexico, to include therein:
Township 22 South, Range 28 East, NMPM.
Section 22: S/2
Section 27: N/2
 - (j) Extend the East Empire-Yates-Seven Rivers Pool in Eddy County, New Mexico, to include therein:
Township 17 South, Range 28 East, NMPM.
Section 23: NW/4 SW/4
 - (k) Extend the North McMillan Morrow-Gas Pool in Eddy County, New Mexico, to include therein:
Township 19 South, Range 27 East, NMPM.
Section 21: S/2
 - (l) Extend the Malaga Morrow Gas Pool in Eddy County, New Mexico, to include therein:
Township 24 South, Range 28 East, NMPM.
Section 10: S/2
Section 23: N/2
 - (m) Redesignate the Shugart-Pennsylvanian Gas Pool to the Shugart-Morrow Gas Pool, in order to correctly reflect the producing interval in said pool, and extend the horizontal limits to include therein:
Township 18 South, Range 31 East, NMPM.
Section 26: N/2
 - (n) Extend the North Shugart-Morrow Gas Pool in Eddy County, New Mexico, to include therein:
Township 18 South, Range 31 East, NMPM.
Section 7: E/2
Section 18: ALL

April 20, 1981

Xc: Carl Ulvog
Santa Fe, NM

Hobbs, OCD



Cbd Canyon
Gas Pool
(2 1/2 of 21)

Cbd Permian Perm
Gas Pool
(all of 15)

x =
E Cbd WC Gas Pool

x = extension
of E Cbd WC Gas Pool

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

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

CASE NO. 7260
ORDER NO. R-6698

THE APPLICATION OF THE OIL CONSERVATION
DIVISION UPON ITS OWN MOTION FOR AN ORDER
CREATING, ABOLISHING, CONTRACTING VERTICAL
LIMITS, AND EXTENDING HORIZONTAL LIMITS OF
CERTAIN EXISTING POOLS IN EDDY, LEA, AND
ROOSEVELT COUNTIES, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9:00 a.m. on May 20, 1981, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

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

FINDS:

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

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of West Antelope Ridge-Atoka Gas Pool. Said West Antelope Ridge-Atoka Gas Pool was discovered by the Monsanto Company Back Basin Well No. 1 located in Unit I of Section 20, Township 23 South, Range 34 East, NMPM. It was completed in the Atoka formation on February 15, 1981. The top of the perforations is at 12,620 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Antelope Ridge-Strawn Gas Pool. Said Antelope Ridge-Strawn Gas Pool was discovered by the Estoril Production Corporation Curry Federal Well No. 1 located in Unit I of Section 22, Township 23 South, Range 34 East, NMPM. It was completed in the Strawn formation on January 13, 1981. The top of the perforations is at 12,049 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Montoya formation, said pool to bear the designation of Fowler-Montoya Pool. Said Fowler-Montoya Pool was discovered by the Gulf Oil Corporation Lillie Well No. 1 located in Unit D of Section 23, Township 24 South, Range 37 East, NMPM. It was completed in the Montoya formation on October 30, 1980. The top of the perforations is at 8664 feet.

(5) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Grama Ridge-Atoka Gas Pool. Said Grama Ridge-Atoka Gas Pool was discovered by the Minerals, Inc. Llano 33 State Well No. 1 located in Unit J of Section 33, Township 21 South, Range 34 East, NMPM. It was completed in the Atoka formation on March 13, 1981. The top of the perforations is at 12,851 feet.

(6) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of McMillan-Wolfcamp Gas Pool. Said McMillan-Wolfcamp Gas Pool was discovered by the Marbob Energy Corporation State CJ Com Well No. 1 located in Unit G of Section 24, Township 20 South, Range 26 East, NMPM. It was completed in the Wolfcamp formation on November 19, 1980. The top of the perforations is at 7867 feet.

(7) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Bone Spring Formation, said pool to bear the designation of North Osudo-Bone Spring Pool. Said North Osudo-Bone Spring Pool was discovered by the Jake L. Hamon Hamon-Samedan Petty Well No. 1 located in Unit N of Section 8, Township 20 South, Range 36 East, NMPM. It was completed in the Bone Spring formation on January 19, 1981. The top of the perforations is at 8233 feet.

(8) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of oil from the Wolfcamp formation, said pool to bear the designation of West Palmillo-Wolfcamp Pool. Said West Palmillo-Wolfcamp Pool was discovered by the Bass Enterprises Production Company Palmillo State Well No. 1 located in Unit J of Section 1, Township 19 South, Range 28 East, NMPM. It was completed in the Wolfcamp formation on June 11, 1980. The top of the perforations is at 8693 feet.

(9) That there is need for the creation of a new pool in Eddy County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of Scoggin Draw-Atoka Gas Pool. Said Scoggin Draw-Atoka Gas Pool was discovered by the Amoco Production Company Federal F Gas Com Well No. 1 located in Unit G of Section 3, Township 18 South, Range 27 East, NMPM. It was completed in the Atoka formation on February 25, 1980. The top of the perforations is at 9344 feet.

(10) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of oil from the Cisco formation, said pool to bear the designation of East Tanneyhill-Cisco Pool. Said East Tanneyhill-Cisco Pool was discovered by the Energy Reserves Group, Inc. El Paso State Well No. 1 located in Unit P of Section 8, Township 6 South, Range 34 East, NMPM. It was completed in the Cisco formation on January 20, 1981. The top of the perforations is at 7679 feet.

(11) That there is need for the abolishment of the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Gas Pool.

(12) That there is need for the abolishment of the Carlsbad-Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, in order that the acreage may be included in the East Carlsbad-Wolfcamp Pool.

(13) That there is need for the contraction of the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy County, New Mexico, to Morrow formation only and the redesignation of said pool to Shugart-Morrow Gas Pool. *Further,*

that the Amoco Production Company Greenwood Unit Well No. 2, located in Unit G of Section 34, Township 18 South, Range 31 East, NMPM, which has been completed in and producing from both the Atoka and Morrow formations since 1958, should be permitted to continue to be produce as comingled Shugart-Morrow and undesignated Atoka but for statistical purposes should be considered to be producing from the Shugart-Morrow Gas Pool only.

(14) That there is need for certain extensions to the Baldrige Canyon-Morrow Gas Pool, the East Carlsbad-Wolfcamp Gas Pool, the Catclaw Draw-Morrow Gas Pool, the Diamond Mount-Morrow Gas Pool, the Dublin Ranch-Atoka Gas Pool, the East Empire-Yates-Seven Rivers Pool, the North McMillan-Morrow Gas Pool, the Malaga-Morrow Gas Pool, the Shugart-Morrow Gas Pool, and the North Shugart-Morrow Gas Pool, all in Eddy County, New Mexico, and the Baum-Upper Pennsylvanian Pool, the North Caprock-Mississippian Pool, the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool, the Hare-San Andres Gas Pool, the South Kemnitz-Atoka-Morrow Gas Pool, the Maljamar-Strawn Pool, the South Salt Lake-Morrow Gas Pool, and the East Weir-Blinbry Pool, all in Lea County, New Mexico, and the North Peterson-Pennsylvanian Pool in Roosevelt County, New Mexico.

(15) That there is need to dismiss the proposed extension to the Bull's Eye-San Andres Pool in Chaves County, New Mexico, due to an error in advertising.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 20: E/2

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

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM
Section 15: S/2
Section 22: All

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
Section 23: NW/4

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

TOWNSHIP 21 SOUTH, RANGE 34 EAST, NMPM
Section 33: S/2

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

TOWNSHIP 20 SOUTH, RANGE 26 EAST, NMPM
Section 24: N/2

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

TOWNSHIP 20 SOUTH, RANGE 36 EAST, NMPM
Section 8a SW/4

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

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
Section 1: NW/4 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 27 EAST, NMPM
Section 3: E/2

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

TOWNSHIP 6 SOUTH, RANGE 34 EAST, NMPM
Section 8: SE/4

(j) That the Carlsbad-Canyon Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

is hereby abolished.

(k) That the Carlsbad Permo-Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM
Section 15: All

is hereby abolished.

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

TOWNSHIP 23 SOUTH, RANGE 24 EAST, NMPM
Section 36: S/2

TOWNSHIP 23 SOUTH, RANGE 25 EAST, NMPM
Section 31: S/2

TOWNSHIP 24 SOUTH, RANGE 24 EAST, NMPM
Section 1: E/2
Section 12: E/2

TOWNSHIP 24 SOUTH, RANGE 25 EAST, NMPM
Section 6: W/2
Section 7: N/2

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
Section 30: SE/4

(n) That the proposed extension to the Bull's Eye-San Andres Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 8 SOUTH, RANGE 28 EAST, NMPM
Section 12: N/2 SE/4

TOWNSHIP 8 SOUTH, RANGE 29 EAST, NMPM
Section 7: NW/4 SW/4

is hereby dismissed.

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

TOWNSHIP 12 SOUTH, RANGE 32 EAST, NMPM
Section 5: SE/4

(p) 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 22 SOUTH, RANGE 27 EAST, NMPM
Section 14: N/2
Section 15: All
Section 16: E/2
Section 20: E/2
Section 21: All

(q) 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 20 SOUTH, RANGE 26 EAST, NMPM
Section 33: E/2

(r) That the Comanche Stateline-Tansill-Yates-Seven Rivers-Queen Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 26 SOUTH, RANGE 36 EAST, NMPM
Section 20: E/2 NE/4

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

TOWNSHIP 16 SOUTH, RANGE 28 EAST, NMPM
Section 6: S/2

(t) That the Dublin Ranch-Atoka Gas 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 22: S/2
Section 27: N/2

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

TOWNSHIP 17 SOUTH, RANGE 28 EAST, NMPM
Section 23: NW/4 SW/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM
Section 21: S/2

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

TOWNSHIP 16 SOUTH, RANGE 34 EAST, NMPM
Section 30: E/2

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

TOWNSHIP 19 SOUTH, RANGE 27 EAST, NMPM
Section 21: S/2

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

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM
Section 28: W/2

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM
Section 10: S/2
Section 23: N/2

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

TOWNSHIP 4 SOUTH, RANGE 33 EAST, NMPM
Section 17: SE/4
Section 16: NW/4

Addition -----

(bb) 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 5: Lots 1, 2, 3, 4, 5, 6, 7,
and 8

(cc) That the vertical limits of the Shugart-Pennsylvanian Gas Pool in Eddy, County, New Mexico, as heretofore classified, defined, and described, are hereby contracted to the Morrow formation only and said pool redesignated to Shugart-Morrow Gas Pool, and horizontal limits of said Shugart-Morrow Gas Pool extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM
Section 26: N/2

Provided however, that the Amoco Production Company Greenwood Unit Well No. 2, located in Unit G of Section 34, Township 18 South, Range 31 East, NMPM, is hereby authorized to commingle undesignated Atoka and Shugart-Morrow production in the well-bore and to report all of said production as Shugart-Morrow Gas Pool production.

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

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM

Section 7: E/2

Section 18: All

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 7: N/2 N/2

Section 8: N/2 N/2

Section 9: W/2 NW/4

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IT IS FURTHER ORDERED:

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

(2) That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be June 1, 1981.

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

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

JOE D. RAMEY
Director

S E A L