

CASE 5254: Southeast Nomenclature

CASE No.

5254

Application,  
Transcripts,  
Small Exhibits

ETC.

**EXAMINER HEARING**

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

**Case 5254**

**TRANSCRIPT OF HEARING**

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

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

CASE 5254

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I N D E X

Page

Direct Examination by Mr. Derryberry

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E X H I B I T S

Marked

Admitted

Commission's Exhibit A

-

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THE NYE REPORTING SERVICE  
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ULVOG-DIRECT

CASE 5254

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MR. NUTTER: We will call Case 5254.

MR. DERRYBERRY: Case 5254. Southeastern nomenclature case calling for the creation, abolishment, and extension of certain pools in Eddy and Lea Counties, New Mexico.

Mr. Examiner, I am Tom Derryberry, Attorney for the Commission and I have one Witness.

(Whereupon, the Witness was sworn.)

CARL ULVOG

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

DIRECT EXAMINATION

BY MR. DERRYBERRY:

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

A Carl Ulvog, Senior Petroleum Geologist, the Oil Conservation Commission here in Santa Fe.

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

A Yes, sir, I am.

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

A Yes, they are.

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

A Yes, the docket advertises a number of new pools, creations, and extensions, pool deletions which are described in Paragraphs (a) through (q). We are proposing here that two of these be deleted or dismissed, being essentially Paragraph (f) and Paragraph (q).

Paragraph (f) should be dismissed because of an error in the advertisement. Paragraph (q) was inadvertently omitted from the docket, therefore, this should be dismissed.

MR. NUTTER: It was in the advertisement of the case, but not on the docket?

MR. ULVOG: That is correct.

MR. NUTTER: What did Paragraph (q) call for, Mr. Ulvog?

MR. ULVOG: Paragraph (q) called for the creation of a new gas pool in Eddy County, New Mexico for the production of gas from the Morrow formation.

MR. NUTTER: That was Paragraph (f), wasn't it?

MR. ULVOG: That is correct. It would be called the Malaga-Morrow Gas Pool.

MR. NUTTER: And Paragraph (q), what did it call for?

ULVOG-DIRECT

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MR. ULVOG: Paragraph (q) called for the creation of a new pool in Eddy County, New Mexico for the production of oil from the Delaware formation, as said pool to bear the designation of the South Carlsbad Delaware Pool.

Otherwise, we propose that the other Paragraphs, (a) through (p), minus (f), be adopted.

MR. NUTTER: May I see your exhibit in this Case, Mr. Ulvog?

MR. ULVOG: Yes, sir.

MR. NUTTER: And, then the proposed extensions and abolishments and creations would be the same as shown on the docket which was distributed for this Hearing?

MR. ULVOG: That is correct.

MR. NUTTER: I see. Okay.

Are there any further questions of Mr. Ulvog.

MR. DERRYBERRY: I have no further questions.

MR. NUTTER: He may be excused.

MR. DERRYBERRY: I would like to introduce Commission Exhibit A into evidence.

MR. NUTTER: Commission Exhibit A in Case No. 5254 will be admitted into evidence.

Does anyone have anything they wish to offer in Case

5254?

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

(Whereupon, the Hearing was adjourned at  
10:55 A.M.)

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TEL. (505) 982-0366



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

I, RICHARD L. NYE, Court Reporter, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me, and the same is a true and correct record of the said proceedings, to the best of my knowledge, skill and ability.

  
RICHARD L. NYE, Court Reporter

I do hereby certify that the foregoing is a complete record of the proceedings in the Examiner hearing of Case No. 5254, heard by me on 6-5, 1974.

  
Examiner  
New Mexico Oil Conservation Commission

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

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

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

CASE NO. 5254  
Order No. R-4809

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on June 5, 1974,  
at Santa Fe, New Mexico, before Examiner, Daniel S. Nutter.

NOW, on this 18th day of June, 1974, the Commission, a  
quorum being present, having considered the testimony, the  
record, and the recommendations of the Examiner, and being  
fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new gas pool  
in Eddy County, New Mexico, for the production of gas from the  
Morrow formation, said pool to bear the designation of Forty  
Niner Ridge-Morrow Gas Pool. Said Forty Niner Ridge-Morrow Gas  
Pool was discovered by the Skelly Oil Company Forty Niner Ridge  
Unit Well No. 1, located in Unit J of Section 16, Township 23  
South, Range 30 East, NMPM. It was completed in the Morrow  
formation on December 19, 1973. The top of the perforations is  
at 13,914 feet.

(3) That there is need for the creation of a new gas pool  
in Eddy County, New Mexico, for the production of gas from the  
Morrow formation, said pool to bear the designation of Kennedy  
Farms-Morrow Gas Pool. Said Kennedy Farms-Morrow Gas Pool was  
discovered by the Hanson Oil Corporation Kennedy Farms Com Well  
No. 1, located in Unit F of Section 34, Township 17 South, Range  
26 East, NMPM. It was completed in the Morrow formation on  
November 27, 1973. The top of the perforations is at 8629 feet.

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

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Logan Draw-Wolfcamp Gas Pool. Said Logan Draw-Wolfcamp Gas Pool was discovered by the Amoco Production Company Arco Federal Gas Com Well No. 1, located in Unit L of Section 26, Township 17 South, Range 27 East, NMPM. It was completed in the Wolfcamp formation on March 15, 1974. The top of the perforations is at 6582 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Los Medanos-Morrow Gas Pool. Said Los Medanos-Morrow Gas Pool was discovered by the Belco Petroleum Corporation James Ranch Unit Well No. 3, located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. It was completed in the Morrow formation on March 7, 1972. The top of the perforations is at 13,682 feet.

(6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Los Medanos-Strawn Gas Pool. Said Los Medanos-Strawn Gas Pool was discovered by the Belco Petroleum Corporation James Ranch Unit Well No. 3, located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. It was completed in the Strawn formation on December 8, 1972. The top of the perforations is at 12,731 feet.

(7) That the proposed creation of a new pool in Section 2, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico, for the production of gas from the Morrow formation should be dismissed because of an error in advertising.

(8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Quahada Ridge-Morrow Gas Pool. Said Quahada Ridge-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 38, located in Unit C of Section 34, Township 21 South, Range 29 East, NMPM. It was completed in the Morrow formation on March 6, 1974. The top of the perforations is at 13,068 feet.

(9) That there is need for the consolidation of the Chambers-Wolfcamp Pool and the Townsend-Wolfcamp Pool, both in Lea County, New Mexico, inasmuch as both pools are producing from a common reservoir. Such consolidation to be accomplished by abolishing the Chambers-Wolfcamp Pool and extending the Townsend-Wolfcamp Pool.

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(10) That there is need for the abolishment of the Chambers-Wolfcamp Pool in Lea County, New Mexico, because it is producing from the same zone and is contiguous with the Townsend-Wolfcamp Pool. The abolished acreage will be placed in the Townsend-Wolfcamp Pool.

(11) That there is need for certain extensions to the Grayburg-Morrow Gas Pool in Eddy County, New Mexico, the Antelope Ridge-Morrow Gas Pool, the Hare-San Andres Gas Pool, the Humble City-Strawn Pool, the Sawyer-San Andres Gas Pool, the North Shoesbar-Wolfcamp Pool, the Townsend-Morrow Gas Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM  
Section 16: S/2

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

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM  
Section 34: N/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 26: SW/4

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

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

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
Section 6: W/2

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Order No. R-4809

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

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

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
Section 1: W/2

is hereby dismissed.

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

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 34: N/2

(h) That the Chambers-Wolfcamp Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
Section 26: SW/4  
Section 35: N/2 and SW/4

is hereby abolished.

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

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
Section 26: SW/4  
Section 35: N/2 and SW/4

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 11: N/2

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM

Section 15: SE/4

Section 22: E/2 NE/4, SW/4 NE/4 and  
NE/4 SE/4

(l) 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 27: W/2

Section 28: S/2

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

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM

Section 15: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM

Section 24: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM

Section 7: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM

Section 14: All

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one

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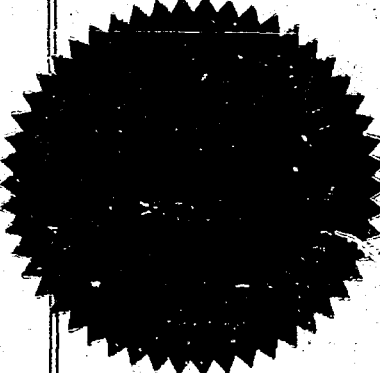
Case No. 5254  
Order No. R-4809

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

(2) That the effective date of this order and all creations, abolishments, and extensions included herein shall be July 1, 1974.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



*[Signature]*  
I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

*[Signature]*  
A. L. PORTER, Jr., Member & Secretary

S E A L

dr/



# Memo

From

W.A. GRESSETT SUPER.  
& OIL & GAS INSP.

To Dan Rutter

The attached form C-109 was ~~not~~  
sent to this office - the other required  
information was not attached.  
I thought maybe it was sent to you.

Bill



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

Form C-109  
Adopted 9-1-66

NOTE: This form is to be filed and attachments made in accordance with the provisions of Rule 509.  
If discovery is claimed for more than one zone, separate forms must be filed for each.

RECEIVED

MAY 6 1974

Operator <b>Dan L. Hannifin &amp; Joe Don Cook</b>		Address <b>P.O. Box 945, Roswell, N.M. D. C. C.</b>	
Lease Name <b>Merland</b>		Well No. <b>I</b>	County <b>Eddy</b> <span style="float: right;">ARTESIA, OFFICE</span>
Well Location Unit Letter <b>J.</b> <b>2030</b> Feet from The <b>South</b> Line and <b>1846</b> Feet From the <b>East</b> Line of Section <b>24</b> Township <b>22 South</b> Range <b>26 East</b> NMPM			
Suggested Pool Names (List in order of preference) <b>1. Jo. Carlsbad Delaware 2. Merchant Delaware 3.</b>			
Name of Producing Formation <b>Delaware</b>		Perforations <b>4454, 4455, 4458 to 4464</b>	Date of Filing Form C-104 <b>2 - 28 - 1974</b>
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool?		If Yes, Give Date of Filing	Date Well was Spudded <b>1 - 24 - 1974</b> Date Compl. Ready to Prod. <b>2 - 25 - 1974</b>
Total Depth <b>4518</b>	Plugged Back Depth	Depth Casing Shoe	Tubing Depth <b>4375</b> Elevation (Gr., DF, RKB, RT, etc.) <b>3174 Gr</b>
Oil Well Potential (Test to be taken only after all load oil has been recovered) <b>182.4</b> Bbls. Oil Per Day Based On <b>38</b> Bbls In <b>5</b> Hours; <b>None</b> Bbls Water Per Day Based On _____ Bbls In _____ Hours; Gas Production During Test: <b>145</b> MCF; Gas-Oil Ratio: <b>3815</b> Method Of Producing: <b>Flowing</b> Chk. Size <b>16/64"</b>			

NEAREST PRODUCTION TO THIS DISCOVERY (Includes past and present oil or gas producing areas and zones whether this discovery is based on horizontal or vertical separation):

Pool Name <b>So. Carlsbad Morrow</b>	Name of Producing Formation <b>Morrow</b>	Top of Pay <b>11424</b>	Bottom of Pay <b>11444</b>	Currently Producing? <b>Yes</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool <b>144 feet S.W.</b>		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool <b>6960 ft.</b>		

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

Pool Name <b>Wye - Delaware</b>	Top of Pay <b>5160</b>	Bottom of Pay <b>5230</b>	Currently Producing? <b>No</b>
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool <b>1 1/2 miles S.E.</b>			

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

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

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


NAME	ADDRESS
<b>Michael P. Grace</b>	<b>P.O. Box 1418, Carlsbad, N.M.</b>
<b>Cities Service Oil Company</b>	<b>P.O. Box 4906, Midland, Texas 79701</b>
<b>Pennzoil United</b>	
<b>Texas Oil &amp; Gas Company</b>	
<b>Gulf Oil Company</b>	
<b>Union Oil Company</b>	

Attach evidence that all of the above operators have been furnished a copy of this application. Any of said operators who intends to object to the designation of the subject well as a discovery well, eligible to receive a discovery allowable, must notify the appropriate District Office and the Santa Fe Office of the Commission of such intent in writing within ten days after receiving a copy of this application.

Remarks:
----------

**CERTIFICATION**

I hereby certify that all rules and regulations of the New Mexico Oil Conservation Commission have been complied with, with respect to the subject well, and that it is my opinion that a bona fide discovery of a hitherto unknown common source of oil supply has been made in said well. I further certify that the discovery allowable for the subject well, if authorized, will be produced from the subject zone in this well only. Further, that the information given herein and attached hereto is true and complete to the best of my knowledge and belief.

 **Joe Don Cook** Co- Owner **May 3, 1974**  
Signature Position Date

Para (a) three (9)

Dismiss (f) & (p)

Examiner Hearing - Wednesday - June 5, 1974

Docket No. 15-74

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CASE 5254: Southeastern nomenclature case calling for the creation, abolishment, and extension of certain pools in Eddy and Lea Counties, New Mexico.

✓ (a) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Forty Niner Ridge-Morrow Gas Pool. The discovery well is the Skelly Oil Company Forty Niner Ridge Unit Well No. 1 located in Unit J of Section 16, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM  
Section 16: S/2

✓ (b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Kennedy Farms-Morrow Gas Pool. The discovery well is the Hanson Oil Corporation Kennedy Farms Com Well No. 1 located in Unit F of Section 34, Township 17 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM  
Section 34: N/2

✓ (c) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Logan Draw-Wolfcamp Gas Pool. The discovery well is the Amoco Production Company Arco Federal Gas Com Well No. 1 located in Unit L of Section 26, Township 17 South, Range 27 East, NMPM. Said pool would comprise:

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
Section 26: SW/4

(d) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Los Medanos-Morrow Gas Pool. The discovery well is the Belco Petroleum Corporation James Ranch Unit Well No. 3 located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

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

✓ TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
Section 6: W/2

✓ (e) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Los Medanos-Strawn Gas Pool. The discovery well is the Belco Petroleum Corporation James Ranch Unit Well No. 3 located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. Said pool would comprise:

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

Dockets Nos. 17-74 and 18-74 are tentatively set for hearing on June 19 and July 10. Application for hearing must be filed at least 22 days in advance of hearing date.

DOCKET: EXAMINER HEARING - WEDNESDAY - JUNE 5, 1974

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

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

- CASE 5249: Application of Read & Stevens, Inc., for Pool Extension, Eddy County, New Mexico. Applicants, in the above-styled cause, seek the extension of the Cemetery-Morrow Gas Pool to include therein all of Sections 20, 29, and 30, Township 20 South, Range 25 East, Eddy County, New Mexico.
- CASE 5250: Application of Penroc Oil Corporation for a dual completion, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the dual completion (conventional) of its Allied "A" Com Well No. 1 located in Unit N of Section 22, Township 20 South, Range 27 East, Eddy County, New Mexico, in such a manner as to produce oil from the Bone Spring formation through the tubing and gas from the Morrow formation through the casing-tubing annulus by means of a cross-over assembly.
- CASE 5251: Application of Pierce & Dehlinger for the Amendment of Order No. R-4560, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-4560 to provide for an extension of time in which to comply with the schedule set forth in said order for the drilling and completion of the third well covered by said order, to be located in the NE/4 of Section 24, Township 9 South, Range 33 East, Vada-Pennsylvanian Pool, Lea County, New Mexico.
- CASE 5252: Application of Roger C. Hanks for the Amendment of Order No. R-4158, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks the Amendment of Order No. R-4158 which authorized use of applicant's Foster Well No. 1, located in Unit D of Section 5, Township 20 South, Range 25 East, Eddy County, New Mexico, as a salt water disposal well with injection through 2 3/8-inch plastic lined tubing set in a packer at 10,000 feet. Applicant seeks authority to dispose through 2 7/8-inch non-plastic lined tubing set in a packer at 10,000 feet.
- CASE 5253: Application of The Petroleum Corporation for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks approval for the unorthodox gas well location of its Superior Federal Well No. 3 to be drilled to the Morrow formation at a point 660 feet from the South and West lines of Section 4, Township 20 South, Range 29 East, Eddy County, New Mexico.

(m) Extend the Humble City-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM  
Section 15: NE/4

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
Section 24: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 7: SE/4

(p) Extend the Townsend-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
Section 14: All

~~Electricity Generating Operations~~  
Operating Costs of Electrical Generating Plants

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
Section 1: W/2

✓ (g) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Quahada Ridge-Morrow Gas Pool. The discovery well is the Perry R. Bass Big Eddy Unit Well No. 38 located in Unit C of Section 34, Township 21 South, Range 29 East, NMPM. Said pool would comprise:

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
Section 34: N/2

(h) Abolish the Chambers-Wolfcamp Pool in Lea County, New Mexico, described as:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
Section 26: SW/4  
Section 35: N/2 and SW/4

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

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
Section 26: SW/4  
Section 35: N/2 and SW/4

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
Section 11: N/2

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
Section 15: SE/4  
Section 22: E/2 NE/4, SW/4 NE/4 and  
NE/4 SE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
Section 27: W/2  
Section 28: S/2

NOMENCLATURE ADVERTISEMENT FOR JULY, 1974  
CASE \_\_\_\_\_

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Eddy and Lea Counties, New Mexico, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

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

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

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

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

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

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

d) EXTEND the Hat Mesa-Morrow Gas Pool in Lea County, New Mexico, to include therein:

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

e) EXTEND the Townsend-Strawn Pool in Lea County, New Mexico, to include therein:

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

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

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

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

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

NOMENCLATURE ADVERTISEMENT FOR JUNE, 1974  
CASE 5254

OK-24

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

a) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Forty Niner Ridge-Morrow Gas Pool. The discovery well is Skelly Oil Company, Forty Niner Ridge Unit Well No. 1 located in Unit J of Section 16, Township 23 South, Range 30 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: S/2

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Kennedy Farms-Morrow Gas Pool. The discovery well is Hanson Oil Corporation, Kennedy Farms Com Well No. 1 located in Unit F of Section 34, Township 17 South, Range 26 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM  
SECTION 34: N/2

c) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Wolfcamp production and designated as the Logan Draw-Wolfcamp Gas Pool. The discovery well is Amoco Production Company, Arco Federal Gas Com Well No. 1 located in Unit L of Section 26, Township 17 South, Range 27 East, NMPM. Said pool ~~described as:~~ *would comprise:*

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
SECTION 26: SW/4

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Los Medanos-Morrow Gas Pool. The discovery well is Belco Petroleum Corporation, James Ranch Unit Well No. 3 located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. Said pool ~~described as:~~ *would comprise:*

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

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 6: W/2

e) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Strawn production and designated as the Los Medanos-Strawn Gas Pool. The discovery well is Belco Petroleum Corporation, James Ranch Unit Well No. 3 located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. Said pool ~~described as:~~ *would comprise:*

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



June, 1974 Nomenclature

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

*would comprise*

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
SECTION 1: W/2

g) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the Quahada Ridge-Morrow Gas Pool. The discovery well is Perry R. Bass Big Eddy Unit Well No. 38 located in Unit C of Section 34, Township 21 South, Range 29 East, NMPM. Said pool ~~described~~ as:

*would comprise*

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
SECTION 34: N/2

h) ABOLISH the Chambers-Wolfcamp Pool in Lea County, New Mexico, described as:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: SW/4  
SECTION 35: N/2 and SW/4

i) EXTEND the Townsend-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: SW/4  
SECTION 35: N/2 and SW/4

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: N/2

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SE/4  
SECTION 22: E/2 NE/4, SW/4 NE/4 and  
NE/4 SE/4

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

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM  
SECTION 27: W/2  
SECTION 28: S/2

m) EXTEND the Humble City-Strawn Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM  
SECTION 15: NE/4



-3-

June, 1974 Nomenclature

n) EXTEND the Sawyer-San Andres Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 24: SW/4

o) EXTEND the North Shoebar-Wolfcamp Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
SECTION 7: SE/4

p) EXTEND the Townsend-Morrow Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 14: All

NEW POOLS

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

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

Discovery well was Skelly Oil Company - Forty Niner Ridge Unit #1 located in Unit J Section 16 Township 23S Range 30E and was completed on December 19, 1973. Top of perforations is at 13,914 feet.

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

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

Discovery well was Hanson Oil Corporation - Kennedy Farms Com #1 located in Unit F Section 34 Township 17S Range 26E and was completed on November 27, 1973. Top of perforations is at 8629 feet.

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

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

Discovery well was Amoco Production Company - Arco Federal Gas Com #1 located in Unit I Section 26 Township 17S Range 27E and was completed on March 15, 1974. Top of perforations is at 6582 feet.

NEW POOLS

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

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

Discovery well was Belco Petroleum Corporation - James Ranch Unit #3 located in Unit J Section 1 Township 23S Range 30E and was completed on March 7, 1972. Top of perforations is at 13,682 feet.

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

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

Discovery well was Belco Petroleum Corporation - James Ranch Unit #3 located in Unit J Section 1 Township 23S Range 30E and was completed on December 8, 1972. Top of perforations is at 12,731 feet.

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

TO BE  
DISMISSED

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

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

NEW POOLS

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

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

Discovery well was Perry R. Bass - Big Eddy Unit #38 located in Unit C Section 34 Township 21S Range 29E and was completed on March 6, 1974. Top of perforations is at 13,068 feet.

q) It is recommended that a new oil pool be created and designated as the SOUTH CARLSBAD-DELAWARE Pool.

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

Discovery well was D. L. Hannifin & Joe Don Cook - Merland #1 Entitled to receive a bonus allowable in the amount of 22,270 barrels located in Unit I Section 24 Township 22S Range 26E and was completed on February 26, 1974. Top of perforations is at 4454 feet.

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

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

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

CASE 5254: (a) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Forty Niner Ridge-Morrow Gas

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

Purpose: One completed gas well capable of producing.

Discovery well: Skelly Oil Co, Forty Niner Ridge Unit #1-J, 16-23-30  
Completed 12-19-73 through Morrow Perfs 13914-14392'

Proposed pool boundary outlined in green  
Sec. 16: S/2

CASE 5254: (b) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Kennedy Farms-Morrow Gas

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

Purpose: One completed gas well capable of producing

Discovery well: Hanson Oil Corp. Kennedy Farms Com #1-F, 34-17-26  
Comp. 11-27-73 through Morrow Perfs 8629-47'

Proposed pool boundary outlined in green

Sec. 34: N/2

CASE 5254: (c) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Logan Draw-Wolfcamp Gas

TOWNSHIP 17S RANGE 27E NMPM

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

Purpose: One completed gas well capable of producing

Discovery well: Amoco Production Co. Arco Federal Gas Com #1-L,  
26-17-27. Comp. 3-15-74 through Wolfcamp Perfs 6582-6756'.

Proposed pool boundary outlined in green

Sec. 26: SW/4

CASE 5254: (d) CREATION OF A NEW GAS POOL (Continued on next page)

COUNTY Eddy POOL Los Medanos-Morrow Gas

TOWNSHIP	23S	RANGE	30E	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: Two completed gas wells capable of producing.

Discovery Well: Belco Petroleum Corp. James Ranch Unit #3-J, 1-23-30  
Comp. 3-7-72 through Morrow Perfs 13682'-14266'

Proposed pool boundary outlined in green  
Sec. 1: E/2



CASE 5254: (d) CREATION OF A NEW GAS POOL (Continued)

COUNTY Eddy POOL Los Medanos-Morrow Gas

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

Purpose: As stated on page one of this exhibit

Operator	Lease	# & Ut.	S.T.R.	Comp.	Form.	TOP
Belco Petr.Corp.	James Ranch Ut.	#4-L	6-23-31	9-9-73	Morrow	13865'

Proposed pool boundary outlined in green

Sec. 6: W/2

CASE 5254: (e) CREATION OF A NEW GAS POOL

COUNTY Eddy

POOL Los Medanos-Strawn Gas

TOWNSHIP

23S

RANGE

30E

NMPM

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

Purpose: One completed gas well capable of producing.

Discovery well: Belco Petroleum Corp. James Ranch Unit #3-J,  
1-23-30. Comp. 12-8-72 through Strawn Perfs 12731-773'

Proposed pool boundary outlined in green

Sec. 1: E/2

CASE 5254: (f) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Malaga-Morrow Gas

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

Purpose: One completed gas well capable of producing.

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

Proposed pool boundary outlined in green.

Sec. 2: W/2

TO BE DISMISSED DUE TO ERROR IN ADVERTISEMENT.

CASE 5254: (g) CREATION OF A NEW GAS POOL

COUNTY Eddy POOL Quahada Ridge-Morrow Gas

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

Purpose: One completed gas well capable of producing.

Discovery well: Perry R. Bass, Big Eddy Unit #38-C, 34-21-29.  
Comp. 3-6-74 through Morrow Perfs 13068-212'.

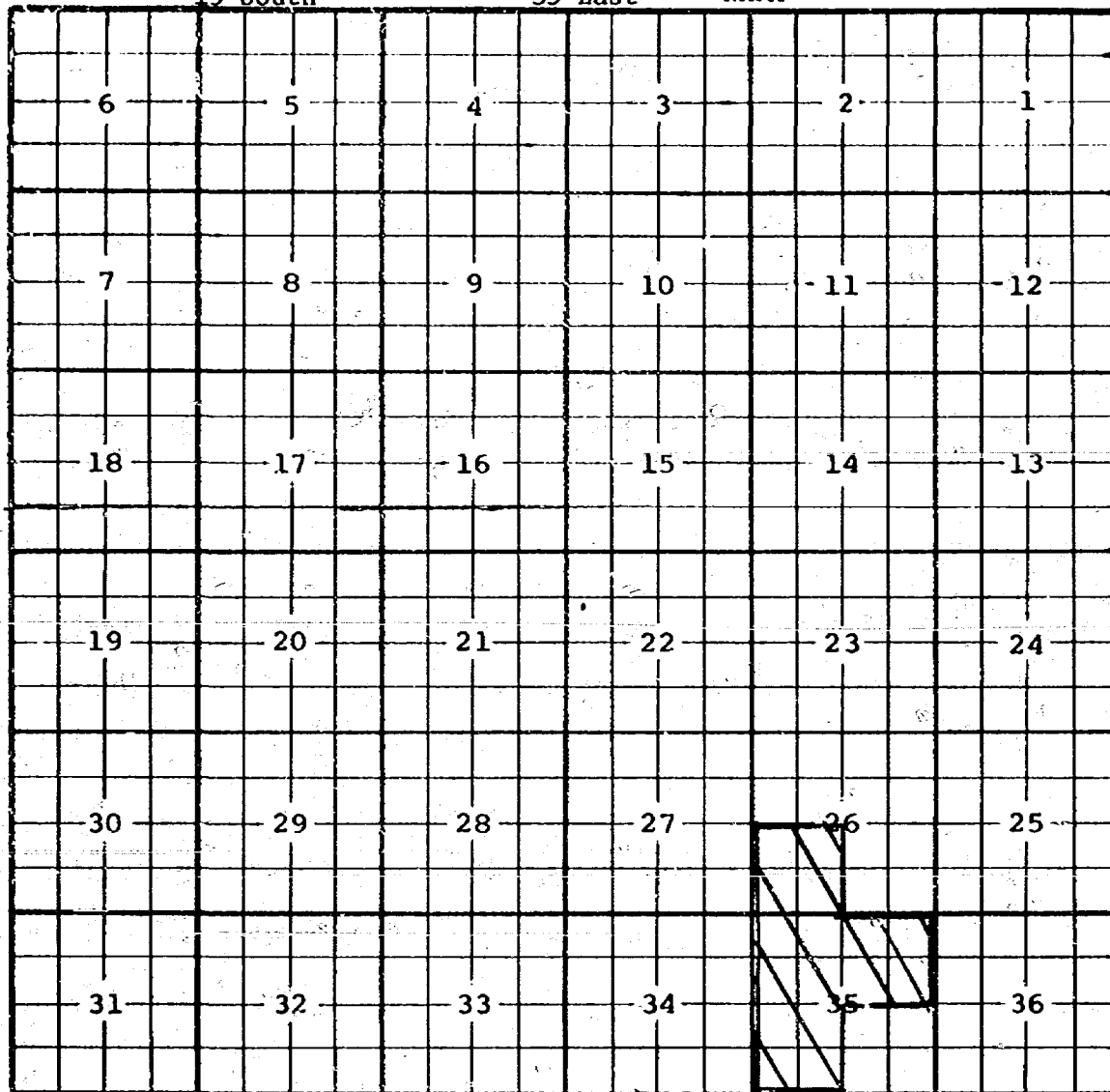
Proposed pool boundary outlined in green

Sec. 34: N/2

CASE 5254: (h) ABOLISHMENT OF AN EXISTING OIL POOL

COUNTY LEA POOL CHAMBERS-WOLFCAMP

TOWNSHIP 15 South RANGE 35 East NMPM



PURPOSE: Abolish said Chambers-Wolfcamp Pool because it is producing from the same zone and is contiguous with the Townsend-Wolfcamp Pool.

Proposed pool abolishment colored in blue. SECTION 26: SW/4

SECTION 35: N/2 and SW/4

CASE 5254: (1) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL TOWNSEND-WOLFCAMP

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

PURPOSE: To take in abolished acreage from the Chambers-Wolfcamp Pool.  
Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 26: SW/4

SECTION 35: N/2 and SW/4

CASE 5254: (j) EXTENSION OF AN EXISTING GAS POOL

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

PURPOSE: One completed gas well capable of producing.

PENROC OIL CORPORATION - Madera Com #1 in Unit C of Section 11-24-34.

Completed in Morrow on March 15, 1974. Top of Perforations 13,524'.

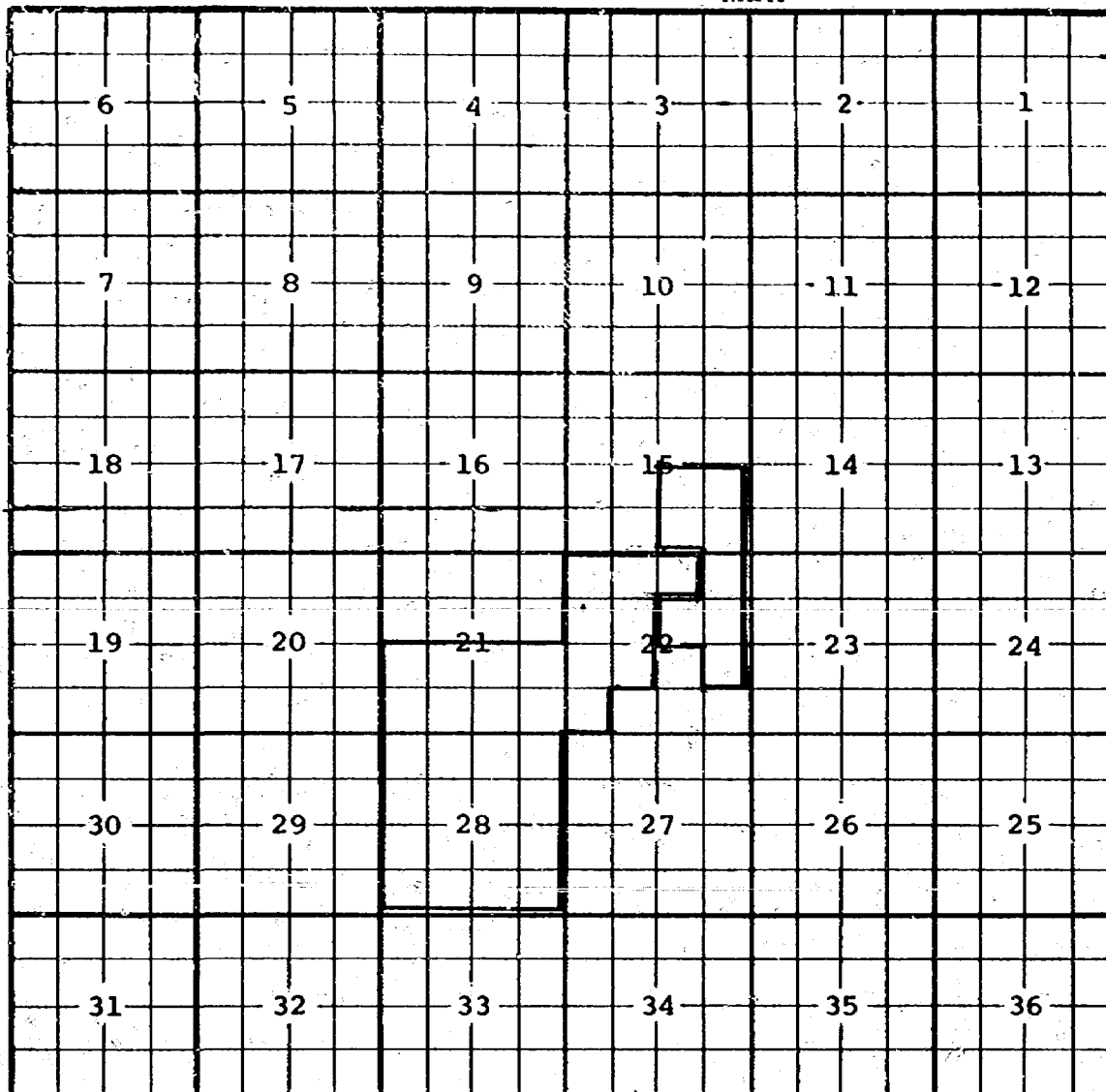
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 11: N/2

CASE 5254: (k) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy POOL Grayburg-Morrow Gas

TOWNSHIP 17S RANGE 29E NMPM



Purpose: One completed gas well capable of producing.

Operator	Lease	# & Ut. S-T-R	Comp.	Form.
H. L. Brown Jr.	Dodd Fed.	#1-P 15-17-29	4-4-74	Morrow

TOP  
10770'

Pool boundary outlined in red

Proposed extension outlined in green

Sec. 15: SE/4

Sec. 22: E/2 NE/4, SW/4 NE/4 & NE/4 SE/4



CASE 5254: (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA

POOL

HARE-SAN ANDRES GAS

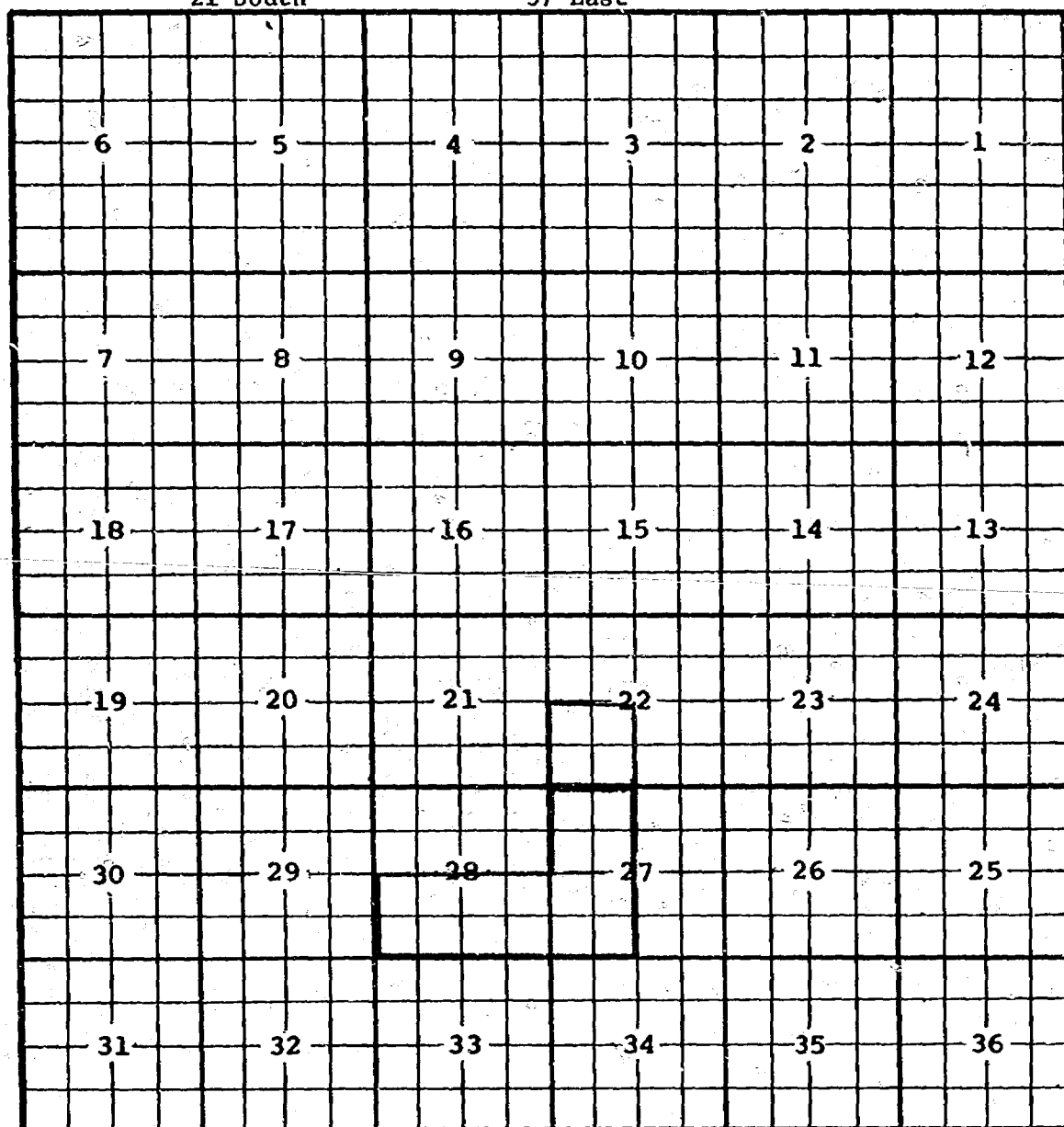
TOWNSHIP

21 South

RANGE

37 East

NMPM



PURPOSE: One completed gas well capable of producing.

MOBIL OIL CORPORATION - Central Drinkard Unit WSW #2 in Unit L of Section 28-21-37. Completed in San Andres on December 18, 1973. Top of Perforations 4374'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 27: W/2

SECTION 28: S/2

CASE 5254: (m) EXTENSION OF AN EXISTING OIL POOL  
COUNTY LEA POOL HUMBLE CITY-STRAWN

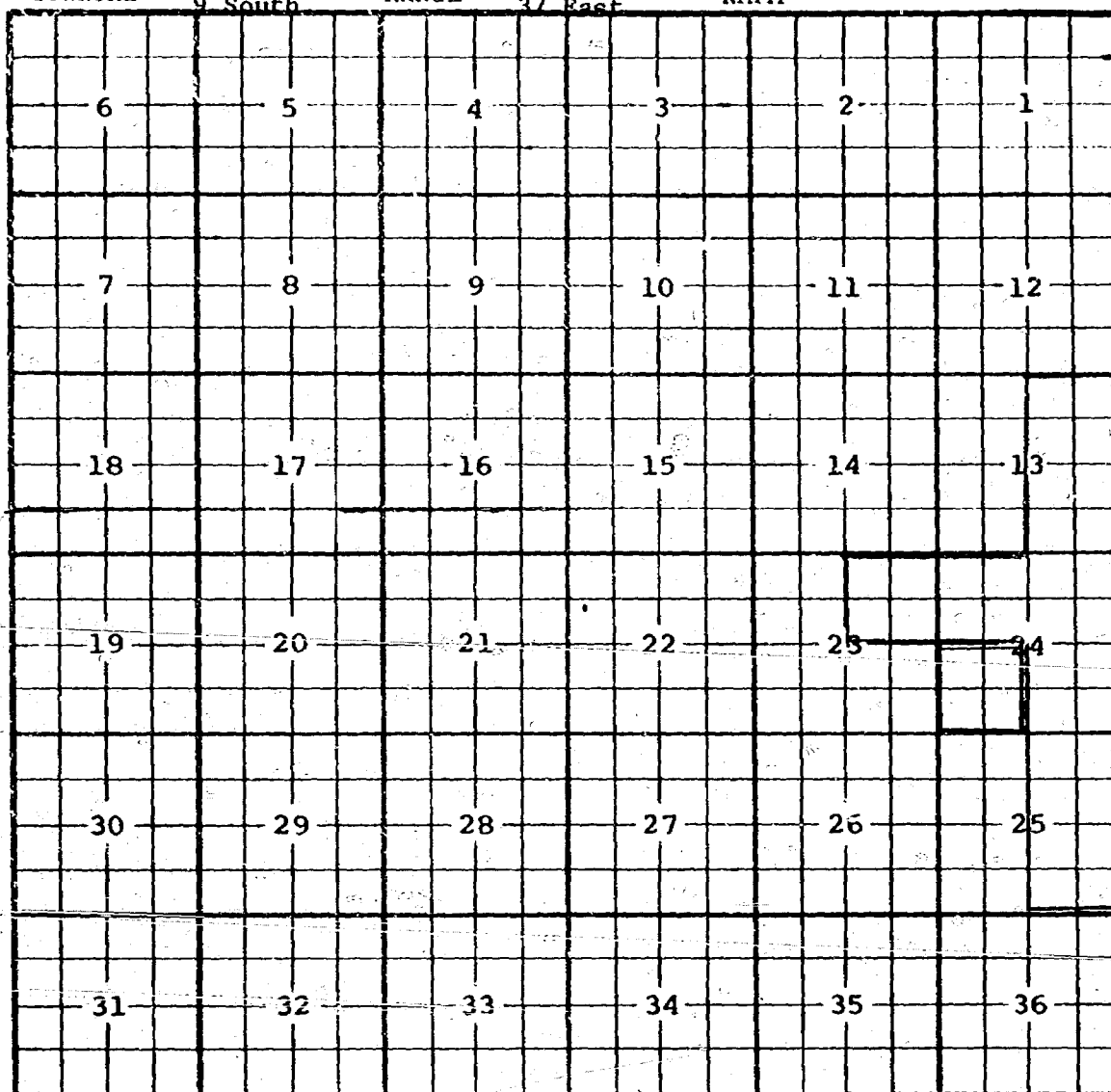
TOWNSHIP	17 South	RANGE	37 East	NMPM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

PURPOSE: One completed oil well capable of producing.  
HARDING OIL COMPANY - Shaw #1 in Unit B of Section 15-17-37. Completed  
in Strawn on March 11, 1974. Top of Perforations 11,350'.  
Pool boundary colored in red.  
Proposed pool extension colored in green. SECTION 15: NE/4

CASE 5254: (n) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL SAWYER-SAN ANDRES GAS

TOWNSHIP 9 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing in a gas pool.

FLAG-REDFERN OIL COMPANY - Allied "93" #3 in Unit K of Section 24-9-37.

Completed in San Andres on March 27, 1974. Top of Perforations 4980'.

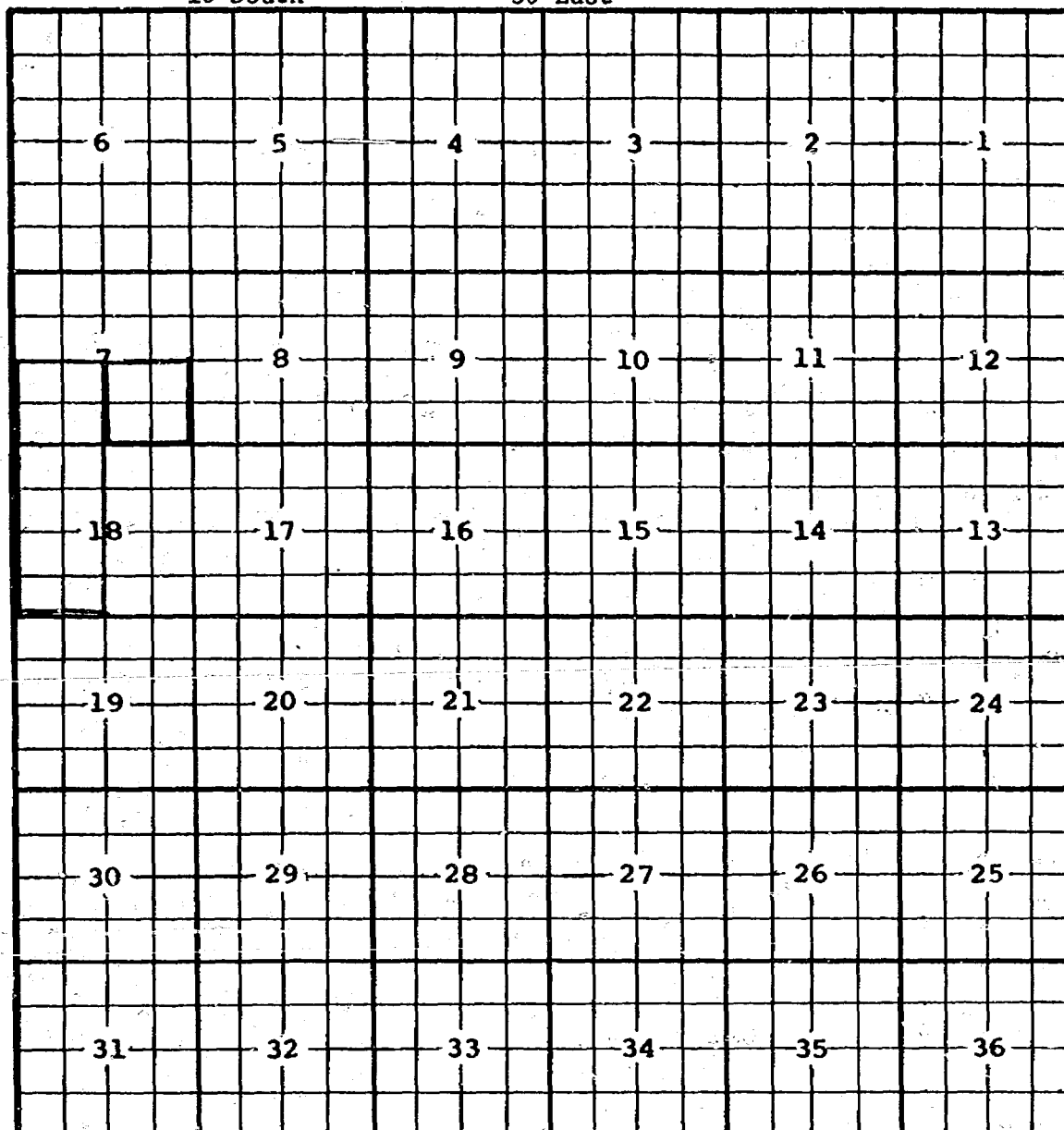
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 24: SW/4

CASE 5254: (o) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL NORTH SHOE BAR-WOLFCAMP

TOWNSHIP 16 South RANGE 36 East NMPM



PURPOSE: One completed oil well capable of producing.

MESA PETROLEUM COMPANY - Chambers #1 in Unit 0 of Section 7-16-36. Completed in Wolfcamp on March 24, 1974. Perforations 10,509'.

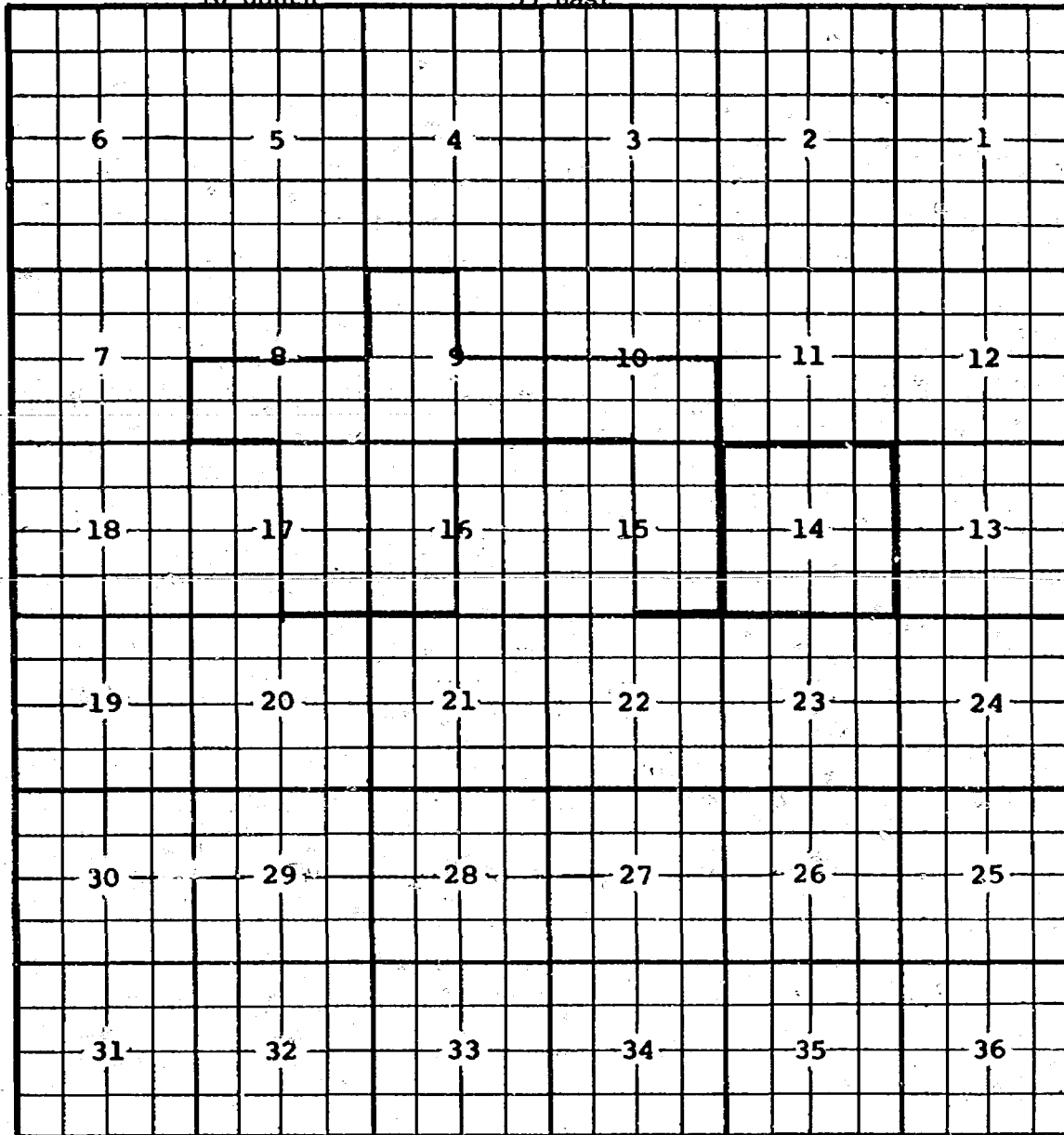
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 7: SE/4

CASE 5254: (p) EXTENSION OF AN EXISTING GAS POOL

COUNTY LEA POOL TOWNSEND-MORROW GAS

TOWNSHIP 16 South RANGE 35 East NMPM



PURPOSE: One completed gas well capable of producing.

MESA PETROLEUM COMPANY - Skelly State Com #1 in Unit I of Section 14-16-35. Completed in Morrow on March 16, 1973. Top of Perforations 11,864'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 14: All

CASE 5254: (q) CREATION OF A NEW OIL POOL  
COUNTY Eddy POOL South Carlsbad-Delaware

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

Purpose: One completed oil well capable of producing.

Discovery Well: D.L.Hannifin & Joe Don Cook, Merland #1-J  
24-22-26, Completed 2-26-74 through Delaware Perfs 4454-64' and  
for the assignment of 22,270 barrels of discovery allowable.

Proposed pool boundary outlined in green.

Sec. 24 SE/4

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

checked 11

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

CASE NO. 5254  
ORDER NO. R-4809

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9:00 a.m. on June 5, 1974, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this \_\_\_\_ day of June, 1974, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

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

(2) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Forty Niner Ridge-Morrow Gas Pool. Said Forty Niner Ridge-Morrow Gas Pool was discovered by the Skelly Oil Company Forty Niner Ridge Unit Well No. 1, located in Unit J of Section 16, Township 23 South, Range 30 East, NMPM. It was completed in the Morrow formation on December 19, 1973. The top of the perforations is at 13,914 feet.

(3) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Kennedy Farms-Morrow Gas Pool. Said Kennedy Farms-Morrow Gas Pool was discovered by the Hanson Oil Corporation Kennedy Farms Com Well No. 1, located in Unit F of Section 34, Township 17 South, Range 26 East, NMPM. It was completed in the Morrow formation on November 27, 1973. The top of the perforations is at 8529 feet.

(4) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Wolfcamp formation, said pool to bear the designation of Logan Draw-Wolfcamp Gas Pool. Said Logan Draw-Wolfcamp Gas Pool was discovered by the Amoco Production Company Arco Federal Gas Com Well No. 1, located in Unit L of Section 26, Township 17 South, Range 27 East, NMPM. It was completed in the Wolfcamp formation on March 15, 1974. The top of the perforations is at 6582 feet.

(5) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Los Medanos-Morrow Gas Pool. Said Los Medanos-Morrow Gas Pool was discovered by the Belco Petroleum Corporation James Ranch Unit Well No. 3, located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. It was completed in the Morrow formation on March 7, 1972. The top of the perforations is at 13,682 feet.

(6) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Strawn formation, said pool to bear the designation of Los Medanos-Strawn Gas Pool. Said Los Medanos-Strawn Gas Pool was discovered by the Belco Petroleum Corporation James Ranch Unit Well No. 3, located in Unit J of Section 1, Township 23 South, Range 30 East, NMPM. It was completed in the Strawn formation on December 8, 1972. The top of the perforations is at 12,731 feet.

(7) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Malaga-Morrow Gas Pool. Said Malaga-Morrow Gas Pool was discovered by the Phillips Petroleum Company Malaga A Well No. 1, located in Unit L of Section 2, Township 24 South, Range 28 East, NMPM. It was completed in the Morrow formation on March 3, 1974. The top of the perforations is at 12,310 feet. This is to be dismissed due to an error in the advertisement.

(8) That there is need for the creation of a new gas pool in Eddy County, New Mexico, for the production of gas from the Morrow formation, said pool to bear the designation of Quahada Ridge-Morrow Gas Pool. Said Quahada Ridge-Morrow Gas Pool was discovered by the Perry R. Bass Big Eddy Unit Well No. 38, located in Unit C of Section 34, Township 21 South, Range 29 East, NMPM. It was completed in the Morrow formation on March 6, 1974. The top of the perforations is at 13,068 feet.

(9) That there is need for the creation of a new oil pool in Eddy County, New Mexico, for the production of oil from the Delaware formation, said pool to bear the designation of South Carlsbad-Delaware Pool. Further, that the discovery well for said pool, the D. L. Hannifin and Joe Don Cook Merland Well No. 1, located in Unit J of Section 24, Township 22 South, Range 26 East, NMPM, is entitled to and should receive a bonus allowable in the amount of 22,170 barrels to be assigned over a two-year period. Said discovery well was completed in the Delaware formation on February 26, 1974. The top of the perforations is at 4454 feet.

(9) That there is need for the abolishment of the Chambers-Wolfcamp Pool in Lea County, New Mexico, because it is producing from the same zone and is contiguous with the Townsend-Wolfcamp Pool. The abolished acreage will be placed in the Townsend-Wolfcamp Pool.

(10) That there is need for certain extensions to the Grayburg-Morrow Gas Pool in Eddy County, New Mexico, the Antelope Ridge-Morrow Gas Pool, the Hare-San Andres Gas Pool, the Humble City-Strawn Pool, the Sawyer-San Andres Gas Pool, the North Shoebar-Wolfcamp Pool, the Townsend-Morrow Gas Pool, and the Townsend-Wolfcamp Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 23 SOUTH, RANGE 30 EAST, NMPM  
SECTION 16: S/2

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

TOWNSHIP 17 SOUTH, RANGE 26 EAST, NMPM  
SECTION 34: N/2

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

TOWNSHIP 17 SOUTH, RANGE 27 EAST, NMPM  
SECTION 26: SW/4

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

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

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 6: W/2



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

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

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

TOWNSHIP 24 SOUTH, RANGE 28 EAST, NMPM  
SECTION 1: W/2

TO BE  
DISMISSED

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

TOWNSHIP 21 SOUTH, RANGE 29 EAST, NMPM  
SECTION 34: N/2

✓ (h) That the Chambers-Wolfcamp Pool in Lea County, New Mexico, consisting of the following described area:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: SW/4  
SECTION 35: N/2 and SW/4

is hereby abolished.

✓ (i) That the Townsend-Wolfcamp Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM  
SECTION 26: SW/4  
SECTION 35: N/2 and SW/4

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

TOWNSHIP 24 SOUTH, RANGE 34 EAST, NMPM  
SECTION 11: N/2

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

TOWNSHIP 17 SOUTH, RANGE 29 EAST, NMPM  
SECTION 15: SE/4  
SECTION 22: E/2 NE/4, SW/4 NE/4 and  
NE/4 SE/4

✓ (l) 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 27: W/2  
SECTION 28: S/2

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

TOWNSHIP 17 SOUTH, RANGE 37 EAST, NMPM  
SECTION 15: NE/-

NE/11

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

TOWNSHIP 9 SOUTH, RANGE 37 EAST, NMPM  
SECTION 24: SW/4

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

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
SECTION 7: SE/4

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

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM  
SECTION 14: All

(q) That a new pool in Eddy County, New Mexico, classified as an oil pool for Delaware production with an assignment of 22,270 barrels of discovery allowable, is hereby created and designated as the South Carlsbad-Delaware Pool, consisting of the following described area:

TOWNSHIP 22 SOUTH, RANGE 26 EAST, NMPM  
SECTION 24: SE/4

IT IS FURTHER ORDERED:

(1) That, pursuant to Section 65-3-14.5, NMSA 1953, contained in Chapter 271, Laws of 1969, any well which, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one which is presently dedicated thereto, shall have 60 days from the effective date of this order in which to file new Forms C-102 dedicating a standard unit for the pool to said well, or to obtain a non-standard unit approved by the Commission. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Forms C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Commission within said 60-day period shall subject the well to cancellation of allowable.

(2) That the effective date of this order and all creations, abolishments, and extensions included herein shall be July 1, 1974.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX ARMIJO, Member

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

S E A L

Finds.

(7) That the proposed creation of a new pool in Section 2, Township 24 South, Range 28 East, NMPPM, Eddy County, New Mexico, for the production of gas from the Morrow formation should be dismissed because of an error in advertising.

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

Township 24 South, Range 28 East, NMPPM  
Section 1: W/2

is hereby dismissed.

Finds# (9) That there is need for the consolidation of the Chambers-Wolfcamp Pool and the Townsend-Wolfcamp Pool, both in Lea County, New Mexico, inasmuch as both pools are producing from a common reservoir. Said consolidation to be accomplished by abolishing the Chambers-Wolfcamp Pool and extending the Townsend-Wolfcamp Pool.

Finds.

(7) That the proposed creation of a new pool in Section 2, Township 24 South, Range 28 East, NMPM, Eddy County, New Mexico, for the production of gas from the Morrow formation should be dismissed because of an error in advertising.

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

Township 24 South, Range 28 East, NMPM  
Section 1: W/2

is hereby dismissed.