

CASE 4513:

SOUTHEASTERN NEW MEXICO  
NOMENCLATURE

Case Number

4513

Application

Transcripts.

Small Exhibits

ETC.

BEFORE THE  
NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico  
March 17, 1971

EXAMINER HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature case )  
calling for the extension, creation and ) Case No. 4513  
abolishment of certain pools in Lea, Eddy, )  
Chaves and Roosevelt Counties, New Mexico.)

BEFORE: Daniel S. Nutter, Examiner.

TRANSCRIPT OF HEARING



dearnley-meier

SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS  
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 FIRST NATIONAL BANK BLDG. EAST • ALBUQUERQUE, NEW MEXICO 87108

1 MR. NUTTER: Call Case No. 4513.

2 MR. HATCH: Southeastern New Mexico nomenclature  
 3 case calling for the extension, creation and abolishment of  
 4 certain pools in Lea, Eddy, Chaves and Roosevelt Counties,  
 5 New Mexico.

6 (Witness sworn.)

7 (Whereupon, Applicant's Exhibit No. 1 was marked for  
 8 identification.)

9 JAMES E. KAPETINA,

10 having been first duly sworn, testified as follows:

11 DIRECT EXAMINATION

12 BY MR. HATCH:

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

14 A James E. Kapetina, petroleum engineer for the New Mexico  
 15 Oil Conservation Commission.

16 Q Are you prepared to make recommendations to the Examiner  
 17 concerning the extension, creation and abolishment of  
 18 certain pools in Lea, Eddy, Chaves and Roosevelt Counties,  
 19 New Mexico?

20 A I am.

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

23 A They are in form of Nomenclature Exhibit No. 1, paragraph  
 24 "A" through "S".

25 Q Would you refer to Exhibit 1 and paragraphs "A" through

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1 "S" and point out any differences between it and the  
 2 docket that was distributed at this hearing?

3 A Yes, sir. Paragraph "B" is recommended that paragraph  
 4 "B" be dismissed inasmuch as the discovery well has been  
 5 plugged and abandoned.

6 Paragraph "M" has an addition, Township 22 South,  
 7 Range 27 East; the addition is west half of Section 31.

8 In paragraph "N" two additions, Township 14 South,  
 9 Range 29 East; the addition, southwest quarter and north-  
 10 west quarter of Section 25 and Township 15 South, Range  
 11 29 East, Section 12, Southeast quarter southeast quarter.

12 Two additions to paragraph "S", Township 9 South,  
 13 Range 34 East; the addition is the southwest quarter of  
 14 Section 3 and the west half of Section 10; also Township  
 15 9 South, Range 35 East; southwest quarter of Section 16.

16 Q Do you recommend that the pools in paragraphs "A" through  
 17 "S" be extended, created and abolished as shown on the  
 18 docket and as corrected in this hearing --

19 A Yes, sir, I recommend such.

20 Q -- and that is with the motion to dismiss paragraph "B"?  
 21 Was Exhibit No. 1 prepared by some member of the staff  
 22 of the New Mexico Oil Conservation Commission?

23 A The exhibit was prepared under the supervision of the  
 24 Hobbs office supervisor.

25 MR. HATCH: I would like to introduce Exhibit No. 1.

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MR. NUTTER: Exhibit No. 1 in Case No. 4513 will  
be admitted in evidence. Do you have anything further, Mr.  
Hatch?

MR. HATCH: No.

MR. NUTTER: Does anyone have anything further they  
wish to offer in Case 4513? Paragraph "B" of said case will  
be dismissed. The rest of this case will be taken under  
advisement.

The hearing is adjourned.

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I N D E X

WITNESS

PAGE

JAMES E. KAPETINA

Direct Examination by Mr. Hatch

2

E X H I B I T S

Applicant's No. 1

2

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STATE OF NEW MEXICO )  
 ) ss  
 COUNTY OF BERNALILLO )

I, GLENDA BURKS, Court Reporter in and for the County of Bernalillo, State of New Mexico, do hereby certify that the foregoing and attached Transcript of Hearing before the New Mexico Oil Conservation Commission was reported by me; and that the same is a true and correct record of the said proceedings to the best of my knowledge, skill and ability.

*Glenda Burks*  
 Court Reporter

do hereby certify that the Commission is a complete record of the proceedings in the Bernalillo County of Case No. 4513  
 dated 3/17/71 at 12:71  
*[Signature]*  
 Secretary  
 New Mexico Oil Conservation Commission



CASE 4511: Application of Skelly Oil Company for a non-standard gas proration unit, Lea County, New Mexico. Applicant, in the above-styled cause, seeks the amendment of Order No. R-590-A to permit the rededication of the 240-acre non-standard gas proration unit in the Tubb Gas Pool authorized in said order to its Baker "B" Well No. 7 located 1980 feet from the South and East lines of Section 10, Township 22 South, Range 37 East, Lea County, New Mexico, in lieu of its Well No. 15 located in the same quarter-quarter section.

CASE 4300: (Reopened):  
In the matter of Case No. 4300 being reopened pursuant to the provisions of Order No. R-3917, which order established 640-acre spacing units for the Sand Dunes-Atoka Gas Pool, Eddy County, New Mexico, for a period of one year. All interested parties may appear and show cause why said pool should not be developed on 320-acre spacing units.

CASE 4512: Application of Union Oil Company of California for rededication of acreage and a non-standard proration unit, Roosevelt County, New Mexico. Applicant, in the above-styled cause, seeks approval for the establishment of a non-standard oil proration unit comprising the NW/4 SE/4 and the SW/4 NE/4 of Section 17, Township 8 South, Range 38 East, Roosevelt County, New Mexico, by the rededication of acreage to its Federal 17 A Well No. 1 located in the NW/4 SE/4 of said Section 17.

CASE 4513: Southeastern New Mexico nomenclature case calling for the extension, creation and abolishment of certain pools in Lea, Eddy, Chaves and Roosevelt Counties, New Mexico:

(a) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the South Buffalo-Pennsylvanian Pool. The discovery well is King Resources Company Kimo Sabe No. 1 located in Unit J of Section 16, Township 19 South, Range 33 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 16: SE/4

(b) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Grandi Ranch-Atoka Gas Pool. The discovery well is the Byron M. McKnight Grandi Ranch No. 1 located in Unit J of Section

(Case 4513 (b) continued)

19, Township 23 South, Range 26 East, NMPM. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM  
SECTION 19: S/2

- (c) Create a new pool in Ghaves County, New Mexico, classified as a gas pool for Cisco production and designated as the Haystack-Cisco Gas Pool. The discovery well is the Shenandoah Oil Corporation Federal I No. 1 located in Unit K of Section 21, Township 6 South, Range 27 East. Said pool would comprise:

TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 21: All

- (d) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the HG-Morrow Gas Pool. The discovery well is the H. L. Brown, Jr., Yates Federal No. 1 located in Unit O of Section 30, Township 19 South, Range 30 East, NMPM. Said pool would comprise:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
SECTION 30: E/2

- (e) Create a new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production and designated as the Kemnitz-Morrow Gas Pool. The discovery well is the Elk Oil Company Diamond State No. 1 located in Unit J of Section 16, Township 16 South, Range 34 East, NMPM. Said pool would comprise:

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

- (f) Create a new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production and designated as the Sand Dunes-Lower Pennsylvanian Gas Pool. The discovery well is the Texas American Oil Corporation Todd 14 Federal No. 1 located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM, with special vertical limits being from 14,030 feet to 15,220 feet as on the log of the discovery well. Said pool would comprise:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: W/2

- (g) Create a new pool in Lea County, New Mexico, classified as a gas pool for Drinkard production and designated as the East Skaggs-Drinkard Gas Pool. The discovery well is Continental Oil

(Case 4513 (g) continued)

Company. Semu Burger No. 21 located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. Said pool described as:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
SECTION 19: SE/4

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: SE/4

- (i) Extend the vertical limits of the Cline-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and re-designate said pool as the Cline Drinkard-Abo Pool.

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM  
SECTION 30: SW/4

- (k) Extend the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM  
SECTION 20: NE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2  
SECTION 32: W/2

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 6: N/2

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

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM  
SECTION 24: SW/4 SW/4  
SECTION 25: N/2 NW/4, SE/4 NW/4, and  
NE/4 SW/4

- (o) Extend the Hobbs-Drinkard Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM  
SECTION 29: NE/4

- (p) Extend the Shugart Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
SECTION 22: S/2 SE/4

- (q) Extend the Todd-Wolfcamp Pool in Roosevelt County, New Mexico, to include therein:

TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM  
SECTION 23: SW/4  
SECTION 26: N/2

- (r) Extend the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SW/4

- (s) Extend the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM  
SECTION 5: SE/4

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. 4513  
Order No. R-4119

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 17, 1971,  
at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 23rd day of March, 1971, 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 oil pool  
in Lea County, New Mexico, for the production of oil from the  
Pennsylvanian formation, said pool to bear the designation of  
South Buffalo-Pennsylvanian Pool. Said South Buffalo-Pennsyl-  
vanian Pool was discovered by the King Resources Company Kimo  
Sabo Well No. 1, located in Unit J of Section 16, Township 19  
South, Range 33 East, NMPM. It was completed in the Pennsyl-  
vanian formation on May 29, 1970. The top of the perforations  
is at 11,255 feet.

(3) That the proposed creation of a new pool in Section 19,  
Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico,  
for the production of gas from the Atoka formation should be  
dismissed.

(4) That there is need for the creation of a new gas pool in Chaves County, New Mexico, for the production of gas from the Cisco formation, said pool to bear the designation of Haystack-Cisco Gas Pool. Said Haystack-Cisco Gas Pool was discovered by the Shenandoah Oil Corporation Federal I Well No. 1, located in Unit K of Section 21, Township 6 South, Range 27 East, NMPM. It was completed in the Cisco formation on September 25, 1970. The top of the perforations is at 5846 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 H G-Morrow Gas Pool. Said H G-Morrow Gas Pool was discovered by the H. L. Brown, Jr. Yates Federal Well No. 1, located in Unit J of Section 30, Township 19 South, Range 30 East, NMPM. It was completed in the Morrow formation on October 11, 1970. The top of the perforations is at 11,874 feet.

(6) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Kennitz-Morrow Gas Pool. Said Kennitz-Morrow Gas Pool was discovered by the Elk Oil Company Diamond State Well No. 1, located in Unit J of Section 16, Township 16 South, Range 34 East, NMPM. It was completed in the Pennsylvanian formation on December 1, 1969. The top of the perforations is at 12,756 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 Lower Pennsylvanian formation, said pool to bear the designation of Sand Dunes-Lower Pennsylvanian Gas Pool. Said Sand Dunes-Lower Pennsylvanian Gas Pool was discovered by the Texas American Oil Company Todd 14 Federal Well No. 1, located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM. It was completed in the Lower Pennsylvanian formation on December 9, 1970, with special vertical limits defined as being from 14,030 feet to 15,220 feet as on the log of the discovery well. The top of the perforations is at 14,051 feet.

(8) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Drinkard formation, said pool to bear the designation of East Skaggs-Drinkard Gas Pool. Said East Skaggs-Drinkard Gas

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CASE NO. 4513

Order No. R-4119

Pool was discovered by the Continental Oil Company Semu Burger Well No. 21, located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. It was completed in the Drinkard formation on December 23, 1969. The top of the perforations is at 6761 feet.

(9) That there is need for the consolidation of the Cline-Abo Pool and the Cline-Drinkard Pool both in Lea County, New Mexico, as a measure to affect economical improvement. Said consolidation to be accomplished by the abolishment of the Cline-Abo Pool and the extension of the vertical limits of the Cline-Drinkard Pool to include the Abo formation and to redesignate said pool as the Cline Drinkard-Abo Pool.

(10) That there is need for certain extensions to the Double L-Queen Pool in Chaves County, New Mexico, the South Carlsbad-Morrow Gas Pool, the South Carlsbad-Strawn Gas Pool, and the Shugart Pool, all in Eddy County, New Mexico, the Baum-Upper Pennsylvanian Pool, the Hobbs-Drinkard Pool, and the Tres Papalotes-Pennsylvanian Pool, all in Lea County, New Mexico, the Bluitt-San Andres Associated Pool and the Todd-Wolfcamp Pool, both in Roosevelt County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 16: SE/4

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

TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM  
SECTION 19: S/2

is hereby dismissed.

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CASE NO. 4513  
Order No. R-4119

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

TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 21: All

(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 H G-Morrow Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
SECTION 30: E/2

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

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

(f) That a new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production, is hereby created and designated as the Sand Dunes-Lower Pennsylvanian Gas Pool with special vertical limits defined as being from 14,030 feet to 15,220 feet as in Texas American Oil Company's Todd 14 Federal No. 1, located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM, and consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: W/2

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
SECTION 19: SE/4



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CASE NO. 4513  
Order No. R-4119

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

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: SE/4

is hereby abolished.

(i) That the vertical limits of the Cline-Drinkard Pool in Lea County, New Mexico, are hereby extended to include the Abo formation and redesignate said pool as the Cline Drinkard-Abo Pool.

(j) 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: SW/4

(k) That the Bluit-San Andres Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM  
SECTION 20: NE/4

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

TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2  
SECTION 32: W/2

(m) That the South Carlsbad-Strawn 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 31: All

TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 6: N/2

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CASE NO. 4513  
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(n) That the Double L-Queen Pool in Chaves County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM  
SECTION 24: SW/4 SW/4  
SECTION 25: NW/4 and NE/4 SW/4

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM  
SECTION 12: SE/4 SE/4

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

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM  
SECTION 29: NE/4

(p) That the Shugart 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 22: S/2 SE/4

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

TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM  
SECTION 23: SW/4  
SECTION 26: N/2

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

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SW/4

(s) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: SW/4

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CASE No. 4513  
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(s) (Vada-Pennsylvanian Pool) continued from Page 6

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM

SECTION 3: SW/4

SECTION 5: SE/4

SECTION 10: W/2

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

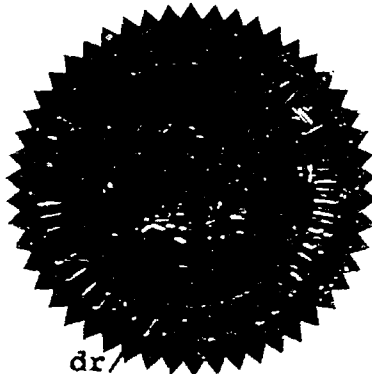
SECTION 16: SW/4

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 of vertical and horizontal limits included herein shall be April 1, 1971.

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



STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

*Bruce King*  
BRUCE KING, Chairman

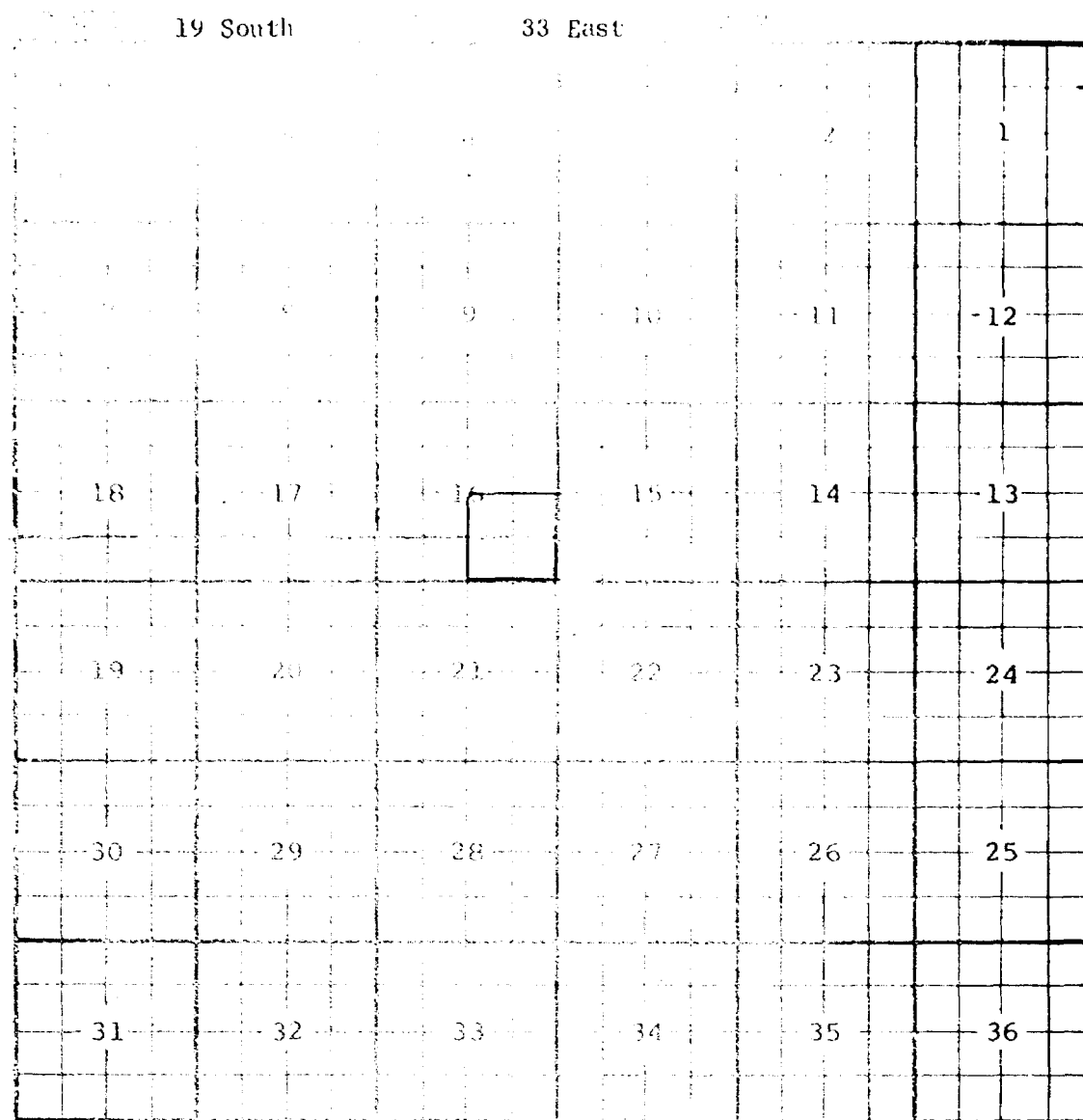
ALEX J. ARMIJO, Member

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

CASE 4513: (a) CREATION OF A NEW OIL POOL

OWNER: LEA

SOUTH BUFFALO-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

KING RESOURCES COMPANY - Kimo Sabe #1 in Unit J of Section 16-19-33. Completed in Wolfcamp on May 29, 1970. Top of Perforations 11,255'.

Proposed pool boundary colored in red. SECTION 16: SE/4

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

Purpose: One completed gas well capable of producing.

Discovery Well: Byron M. McKnight, Grandi Ranch #1-J, 19-23-26.  
Completed in Atoka August 11, 1970, through perforations 10608'  
to 10671'.

Proposed Pool boundary colored in green.  
Section 19: S/2

To BE DISMISSED. Well to be P&A

TOWNSHIP 6S RANGE 27E NMFM

Purpose: Two completed gas wells capable of producing.

Discovery Well: Shenandoah Oil Corp. Federal I #1-K, 21-6-27.  
Completed in Cisco September 25, 1970, through perforations  
5846' to 5977'.

Shenandoah Oil Corp. Federal L #1-F, 21-6-27. Completed in  
Cisco December 22, 1970, through perforations 5803' to 5922'.

Proposed pool boundary colored in green.

Section 21: ALL

COUNTY	Eddy	POOL	H G-Morrow Gas
--------	------	------	----------------

H G-Morrow Gas

NMF-M

Purpose: One completed gas well capable of producing.

Proposed Pool boundaries colored in green.  
Section 30: E/2

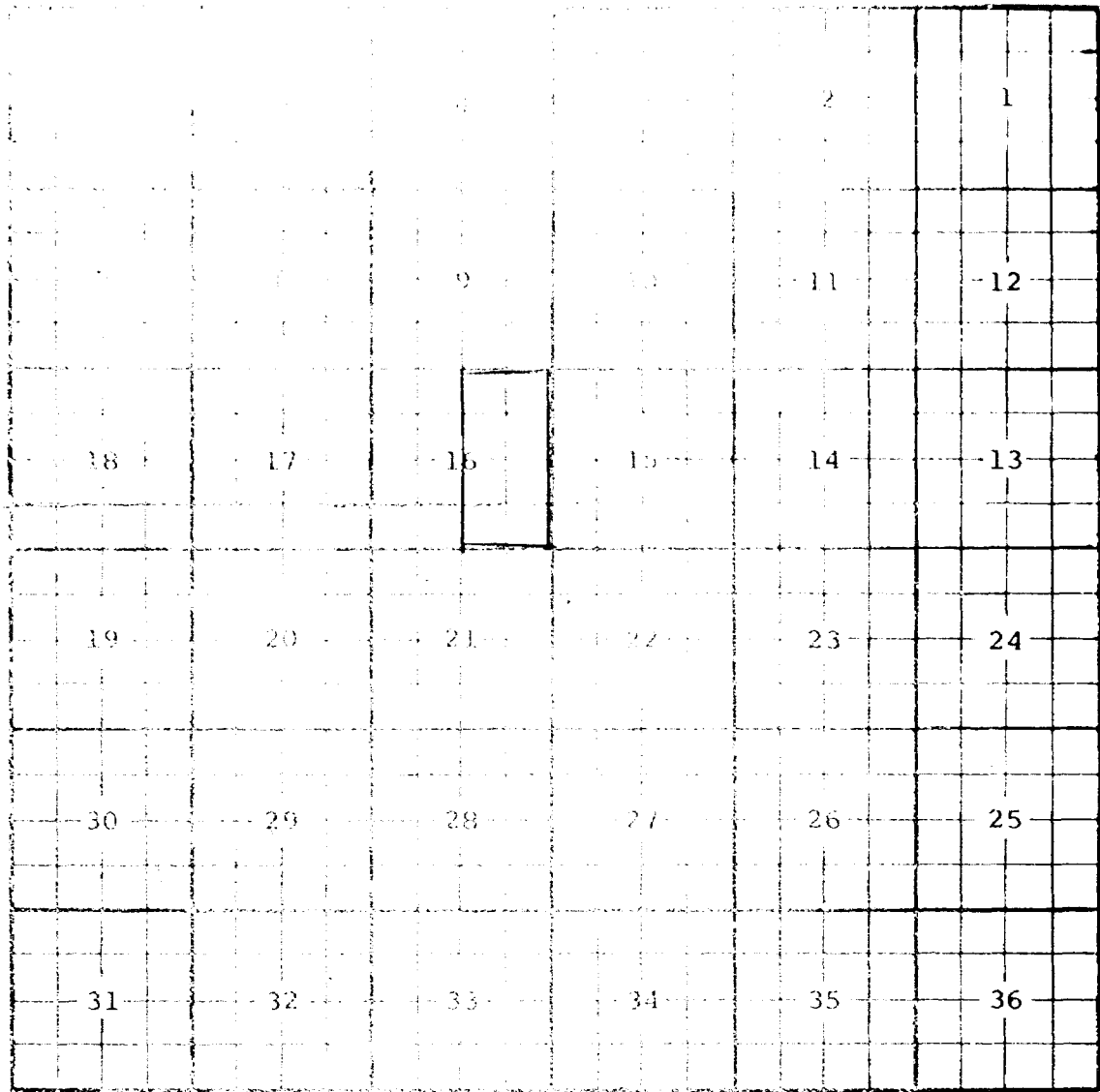
CASE 4513: (e) CREATION OF A NEW GAS POOL

LEA

KEMNITZ-NORROW GAS

16 South

34 East



PURPOSE: One completed gas well capable of producing.

ELK OIL COMPANY - Diamond State #1 in Unit J of Section 16-34. Completed in Pennsylvanian on December 1, 1969. Top of Perforations 12,756'. Proposed pool boundary colored in red. SECTION 16: E/2



COUNTY Eddy POOL Sand Dunes-Lower Pennsylvanian GasTOWNSHIP 23S RANGE 31E NMFM

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

Purpose: One completed gas well capable of producing.

Discovery Well: Texas American Oil Co., Todd 14 Federal Well No.1 in unit X of Section 14-23-31. Completed in \*Lower Pennsylvanian December 9, 1970, through perforations 14051' to 14772'.

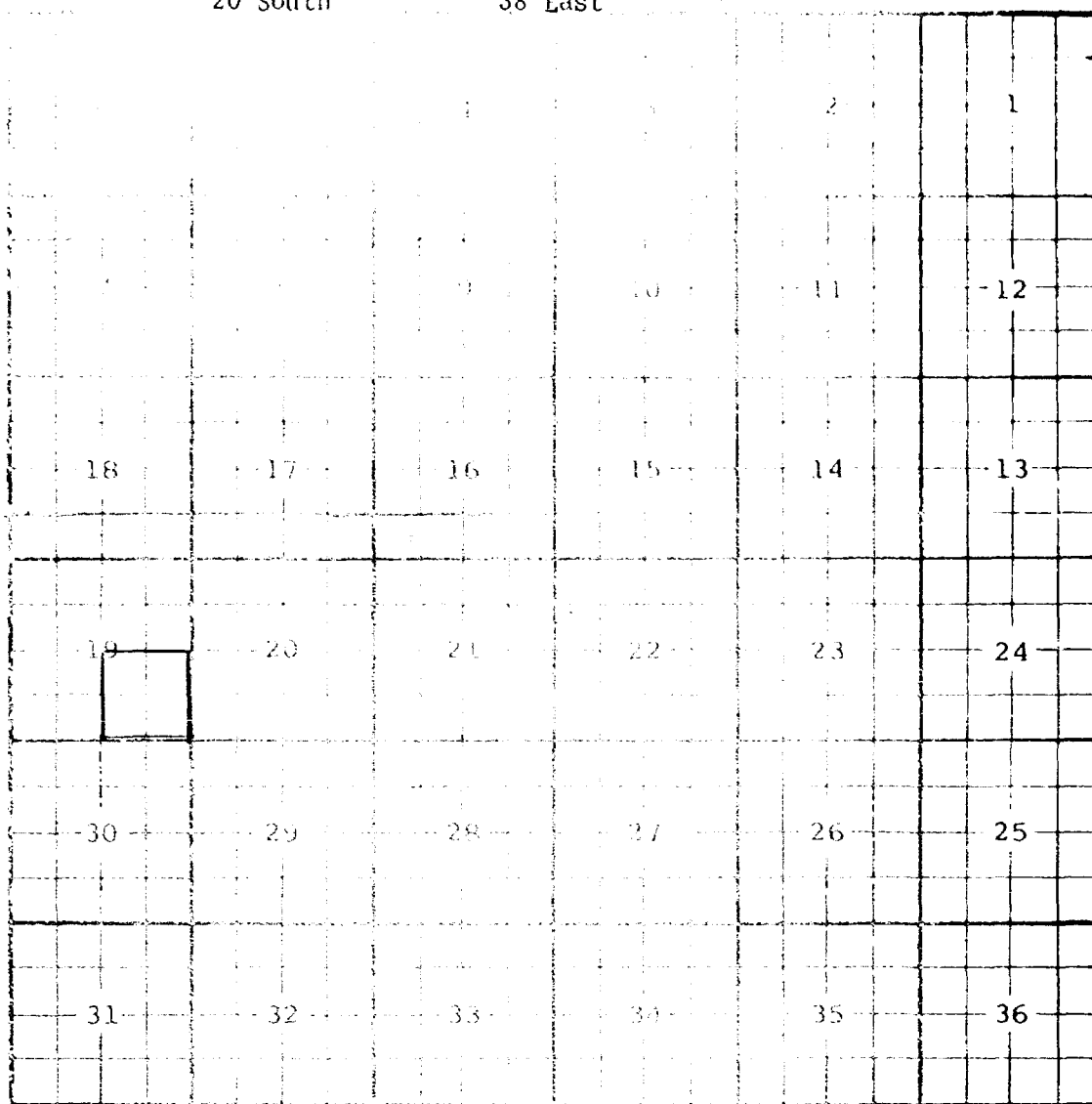
Vertical Limits of the pool are from a depth of 14030' to 15220' as shown on the log of the discovery well.

Proposed Pool boundary colored in green.

Section 14: W/2

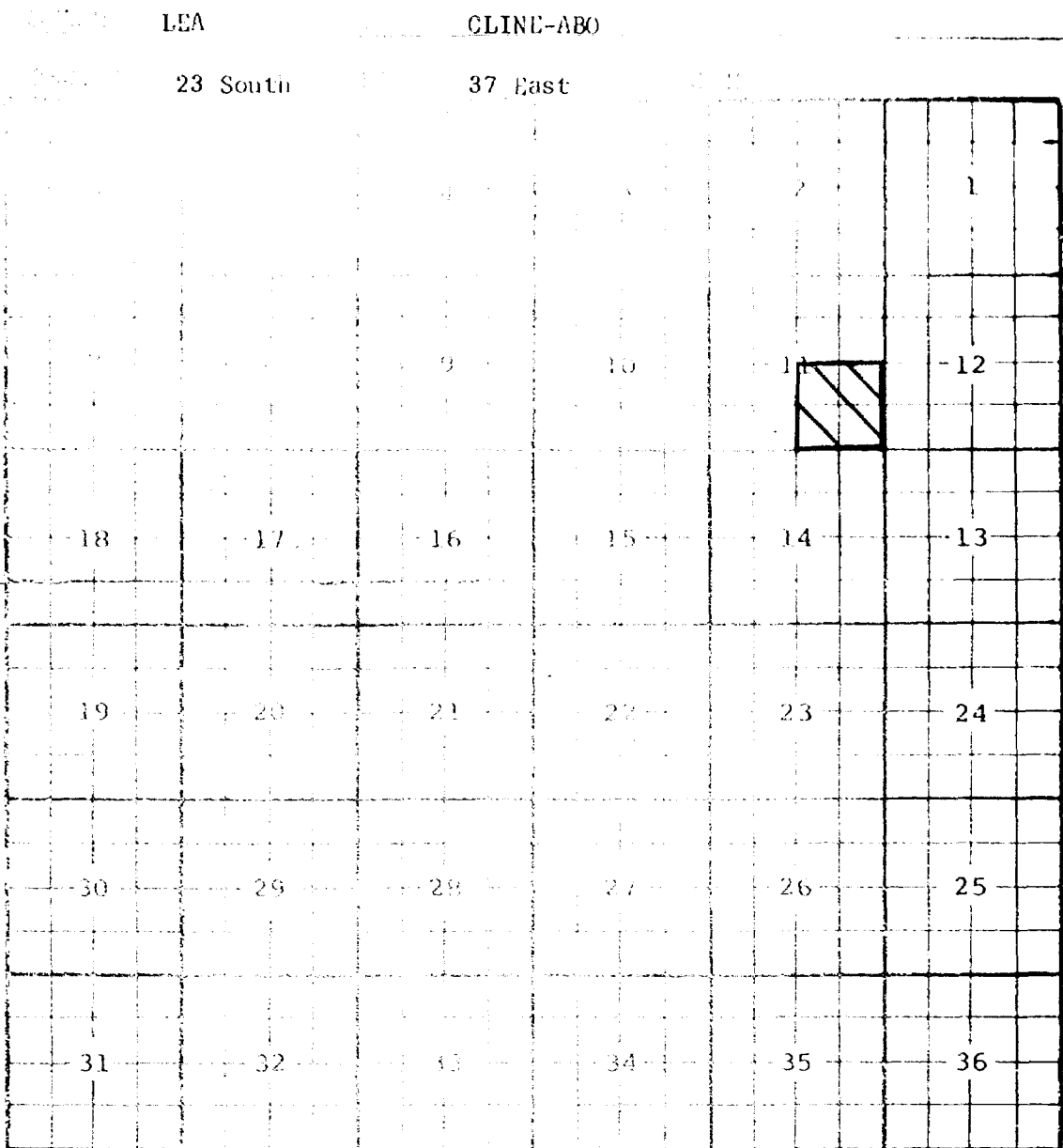
## EAST SKAGGS-DRINKARD GAS

38 East



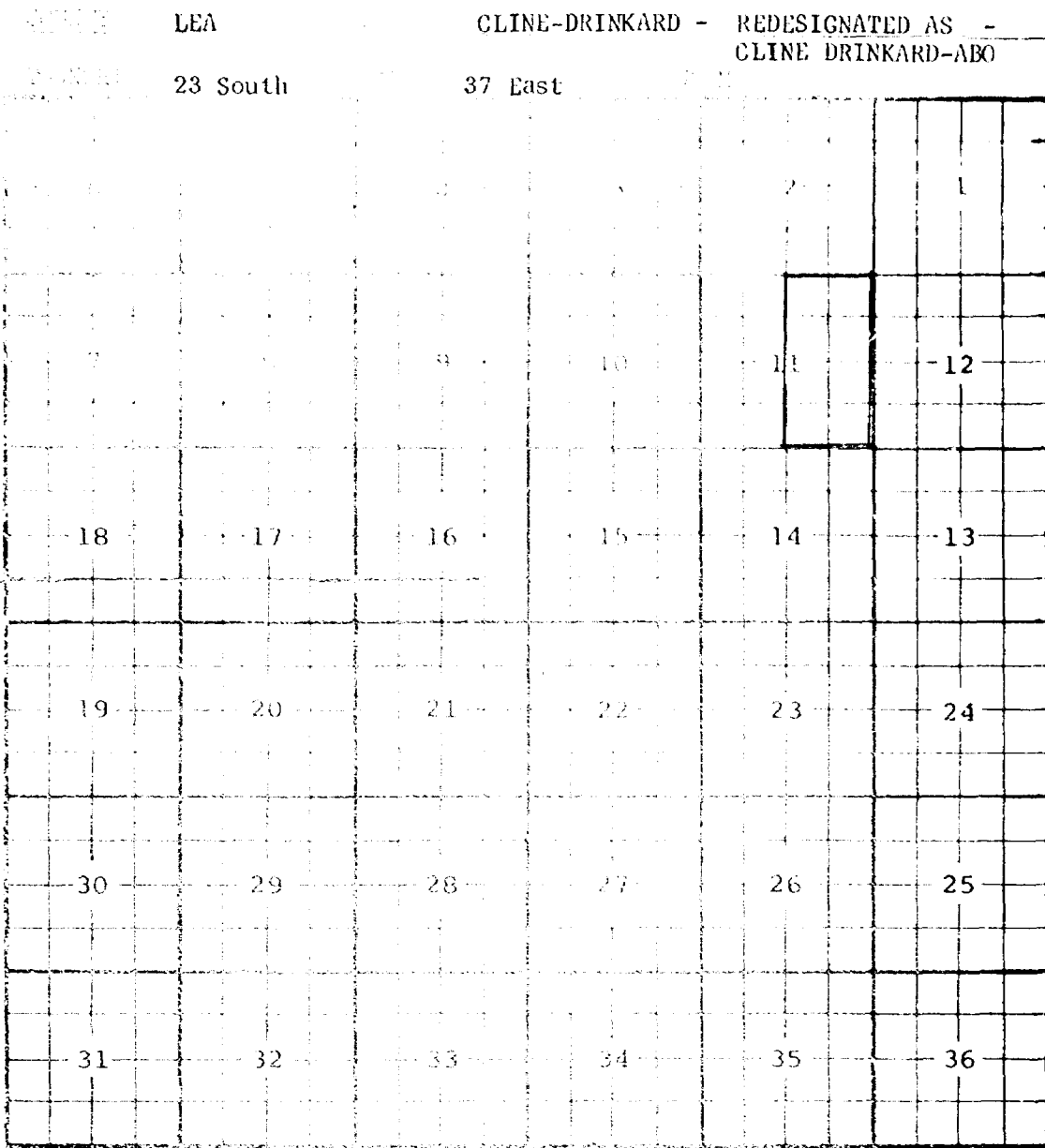
CONTINENTAL OIL COMPANY - Semu Burger #21 in Unit O of Section 19-20-38.  
Completed in Drinkard on December 23, 1969. Top of Perforations 6761'.  
Proposed pool boundary colored in red. SECTION 19: SE/4

CASE 4513: (h) ABOLISHMENT OF AN EXISTING OIL POOL



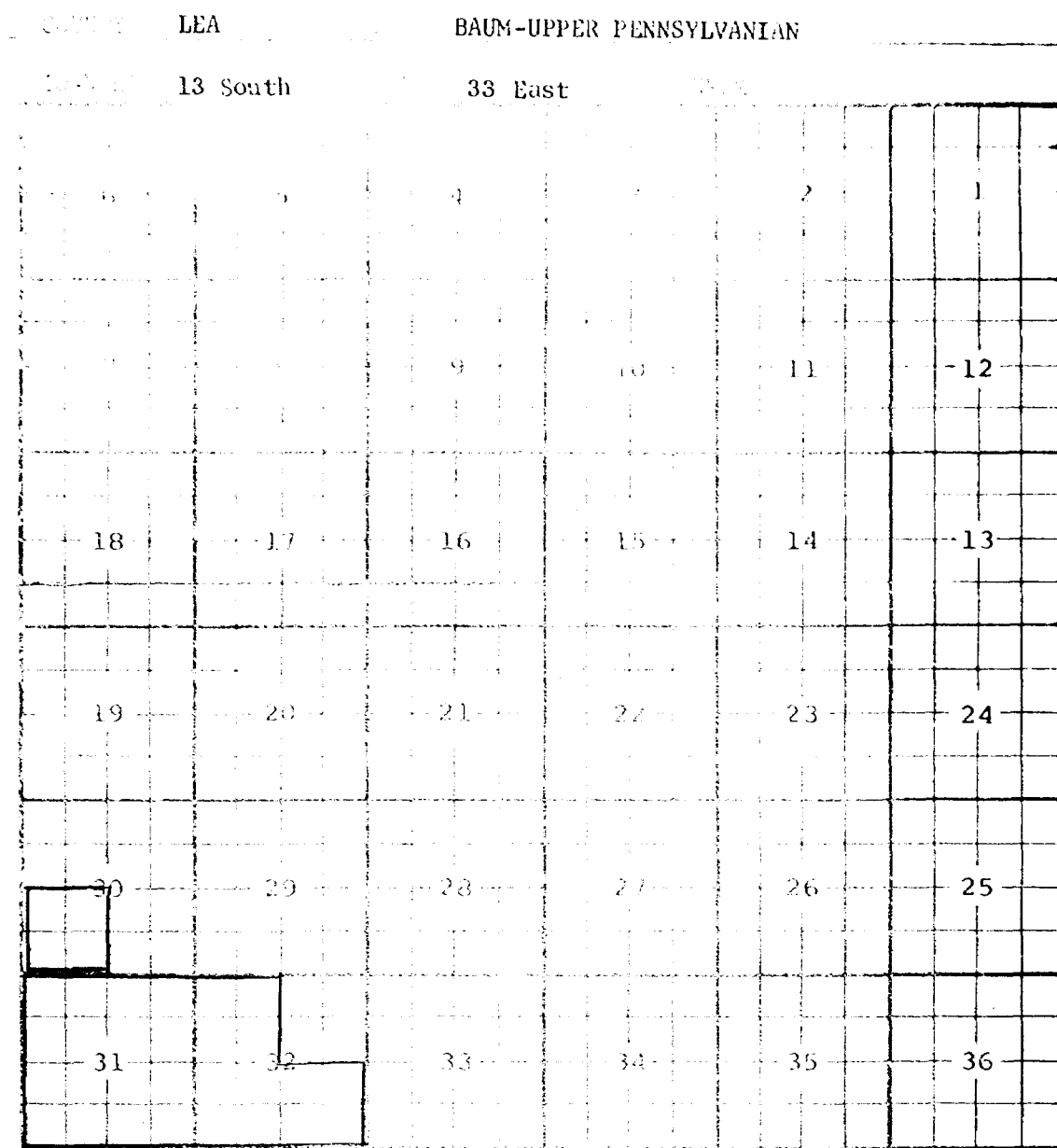
PURPOSE: Abolish the Cline-Abo Pool so that it may be combined with the  
Cline-Drinkard Pool because of economical improvement.

Proposed pool abolishment colored in blue. SECTION 11: SE/4



PURPOSE: To extend the vertical limits to include the Abo formation  
thereby combining the Cline-Abo Pool with Cline-Drinkard Pool.  
Pool boundary colored in red. SECTION 11: E/2

CASE 4513: (j) EXTENSION OF AN EXISTING OIL POOL



PURPOSE: One completed oil well capable of producing.

MAJOR, GIEBEL & FORSTER - Cities Service State #1 in Unit M of Section 30-13-33. Completed in Bough C on January 18, 1971. Top of Perforations 9821'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 30: SW/4

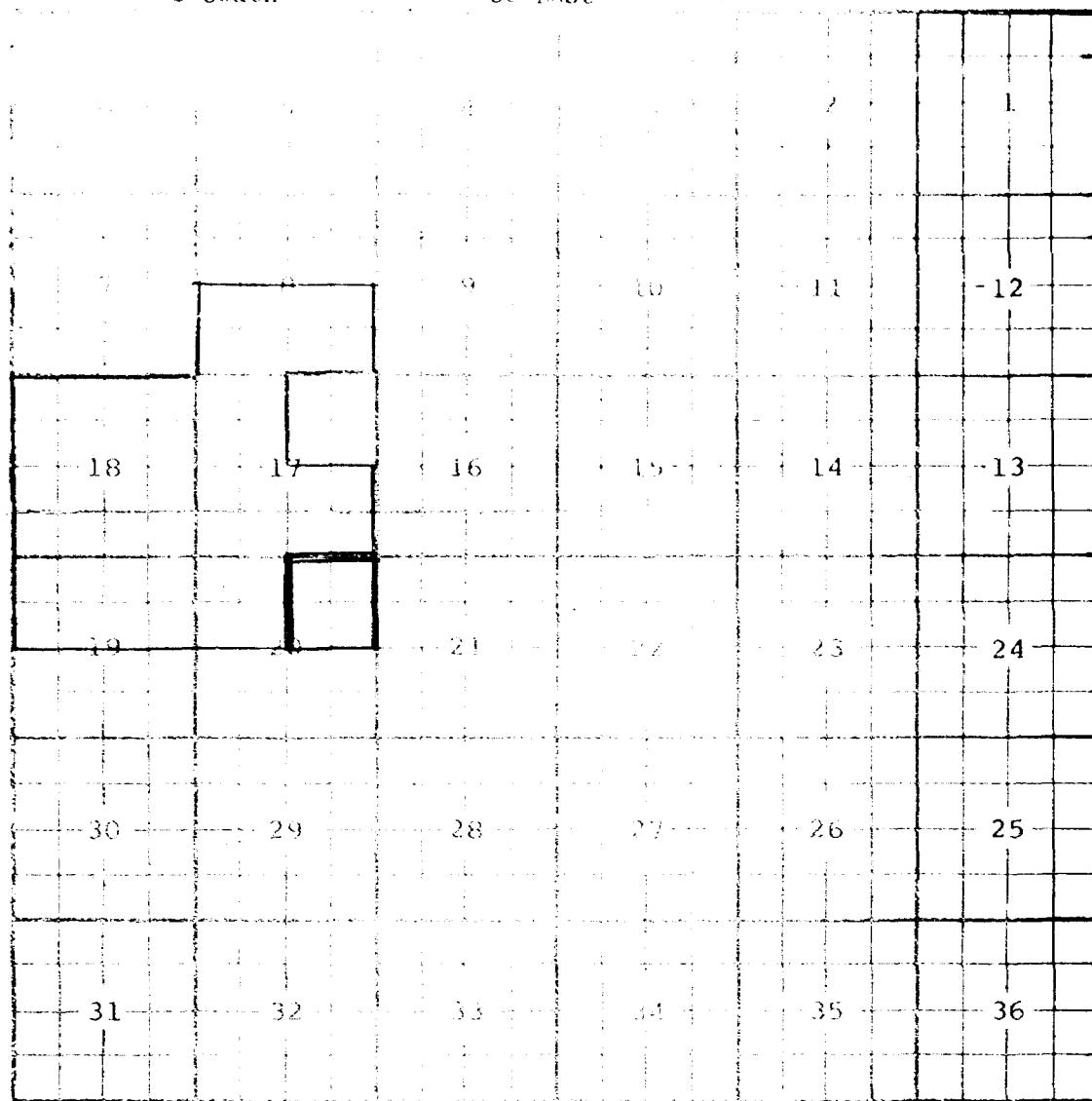
CASE 4513: (k) EXTENSION OF AN EXISTING OIL POOL

ROOSEVELT

BLUITT-SAN ANDRES ASSOCIATED

8 South

38 East



PURPOSE: One completed oil well capable of producing.

UNION OIL COMPANY OF CALIFORNIA - Federal "20" #1 in Unit B of Section 20-8-38. Completed in San Andres on January 5, 1971. Top of Perforations 4751'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 20: NE/4

CASE 4513: (1) EXTENSION OF AN EXISTING GAS POOL

COUNTY Eddy

POOL

South Carlsbad-Morrow Gas

TOWNSHIP

225

RANGE

27E

NMFM

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 2x2 box is located in the bottom left corner, covering the cells containing numbers 31 and 32.

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

Purpose: Two completed gas wells capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp	FM	T.O.P.
Morris R.	Allen	1-J	31-22-27	10/3/70	Morrow	11440'
Antweil						

Cities Service Oil Co.	Strack-bein A	1-E	32-22-27	12/18/70	Morrow	11400'
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Pool boundary colored in red.

Proposed extension colored in green.

Section 31: E/2

~~Section 32: W/2~~

COUNTY Eddy POOL South Carlsbad-Strawn Gas

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

Purpose: One completed gas well capable of producing.

Operator	Lease	#Ut.	S.T.R.	Comp	FM	T.O.P.
Morris R.	Allen	1-J	31-22-27	10/3/70	Strawn	10,238'

Antweil

Pool boundary colored in red.

Proposed extension colored in green.

Section 31: E/2

ADDITION Section 31: W/2



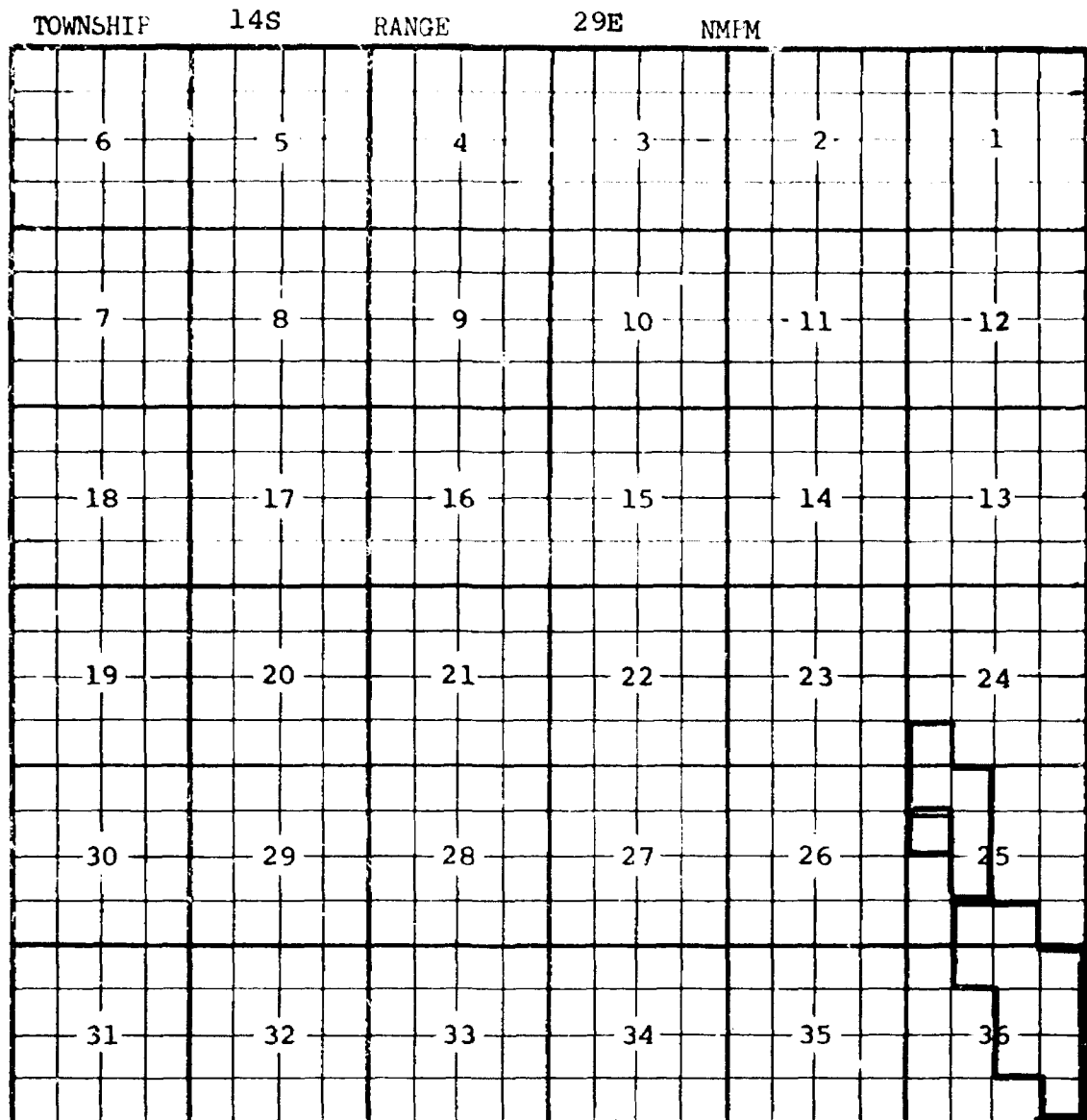
TOWNSHIP	23S	RANGE	27E	NMFM	
6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Purpose: As stated on page one of this exhibit.

Pool boundary colored in red.

Proposed extension colored in green.

Section 6: N/2



Purpose: Four completed oil wells capable of producing.

Operator	Lease	#	Ut.	S.T.R.	Comp.	FM	T.O.P.
Tom Schneider	Sun St.	1-M	24-14-29	1/4/71	Queen	1883	
Amoco Prod.Co.	State EK	2-D	25-14-29	1/29/71	Queen	1890	
Amoco Prod.Co.	State EK	3-C	25-14-29	2/12/71	Queen	1904	

Pool boundary colored in red.

Proposed extension colored in green.

Section 24: SW/4 SW/4

Section 25: N/2 NW/4, SE/4 NW/4

NE/4 SW/4

Addition Section 25: SW/4 NW/4

COUNTY Chaves

POOL Double L-Queen

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

Purpose: As stated on page one of this exhibit

Addition

Operator	Lease	# Ut.	S.T.R.	Comp.	FM	TO-OH
Jack L. McClellan	Barbara Federal	1-P	12-15-29	1/29/71	Queen	1972

Pool boundary colored in red.

Proposed extension colored in green.

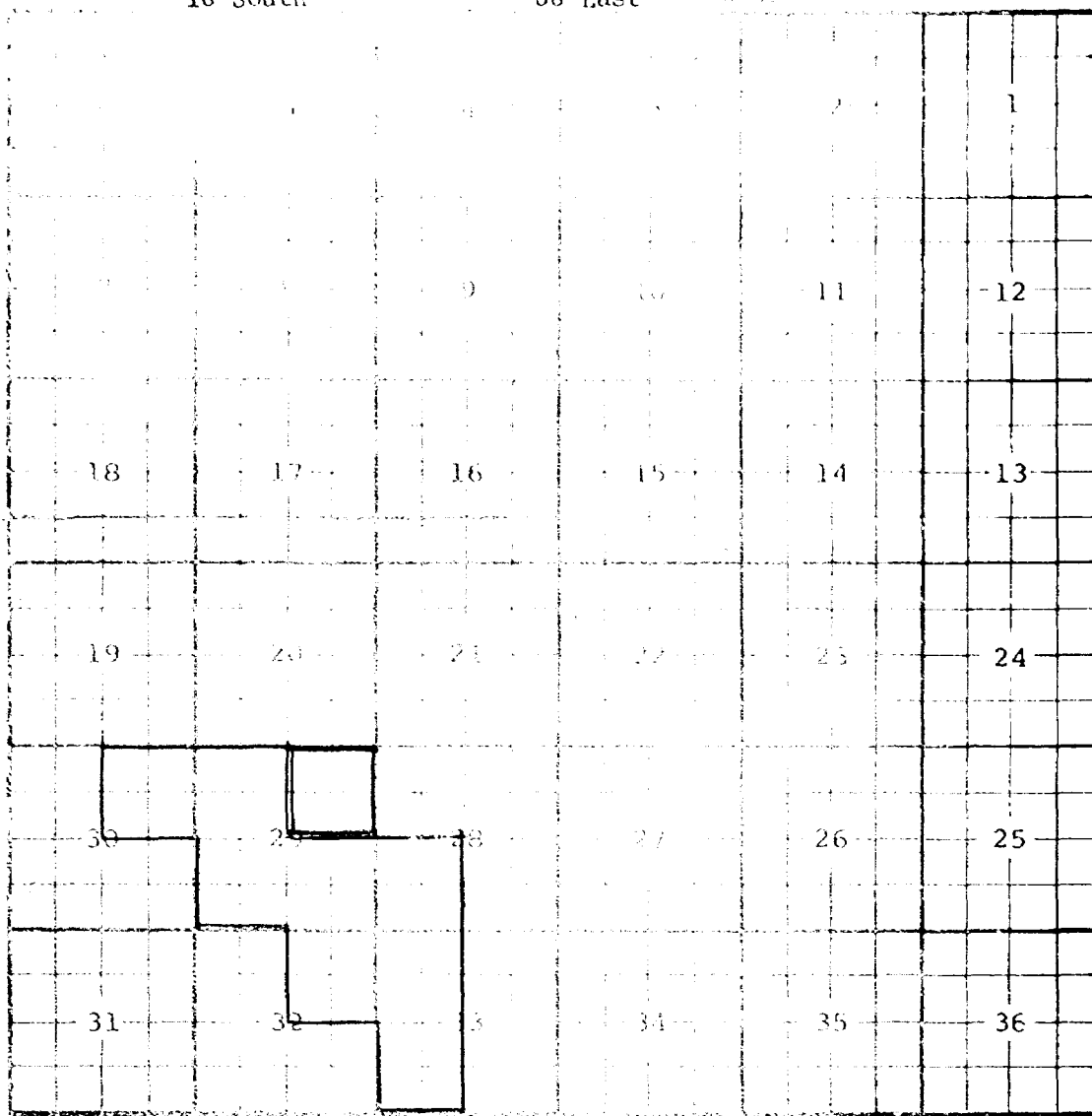
Addition: Section 12: SE/4 SE/4

LEA

HOBBS-DRINKARD

18 South

38 East



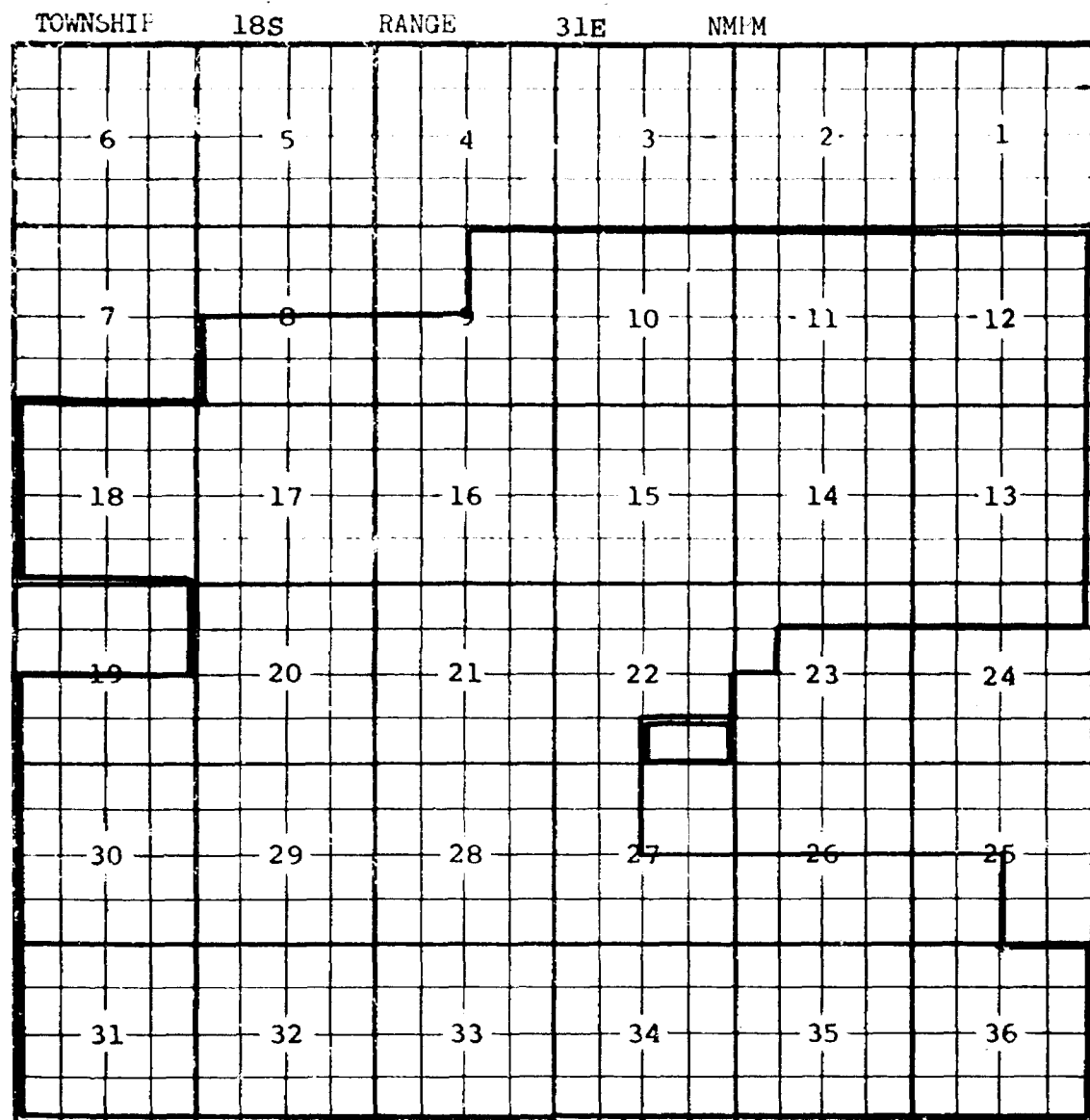
PURPOSE: One completed oil well capable of producing.

NE-O-TEX CORPORATION - Hobbs State #2 in Unit G of Section 29-18-38. Completed in Drinkard on January 1, 1971. Top of Perforations 6705'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 29: NE/4

CASE 4513: (p) EXTENSION OF AN EXISTING OIL POOL  
COUNTY Eddy POOL Shugart

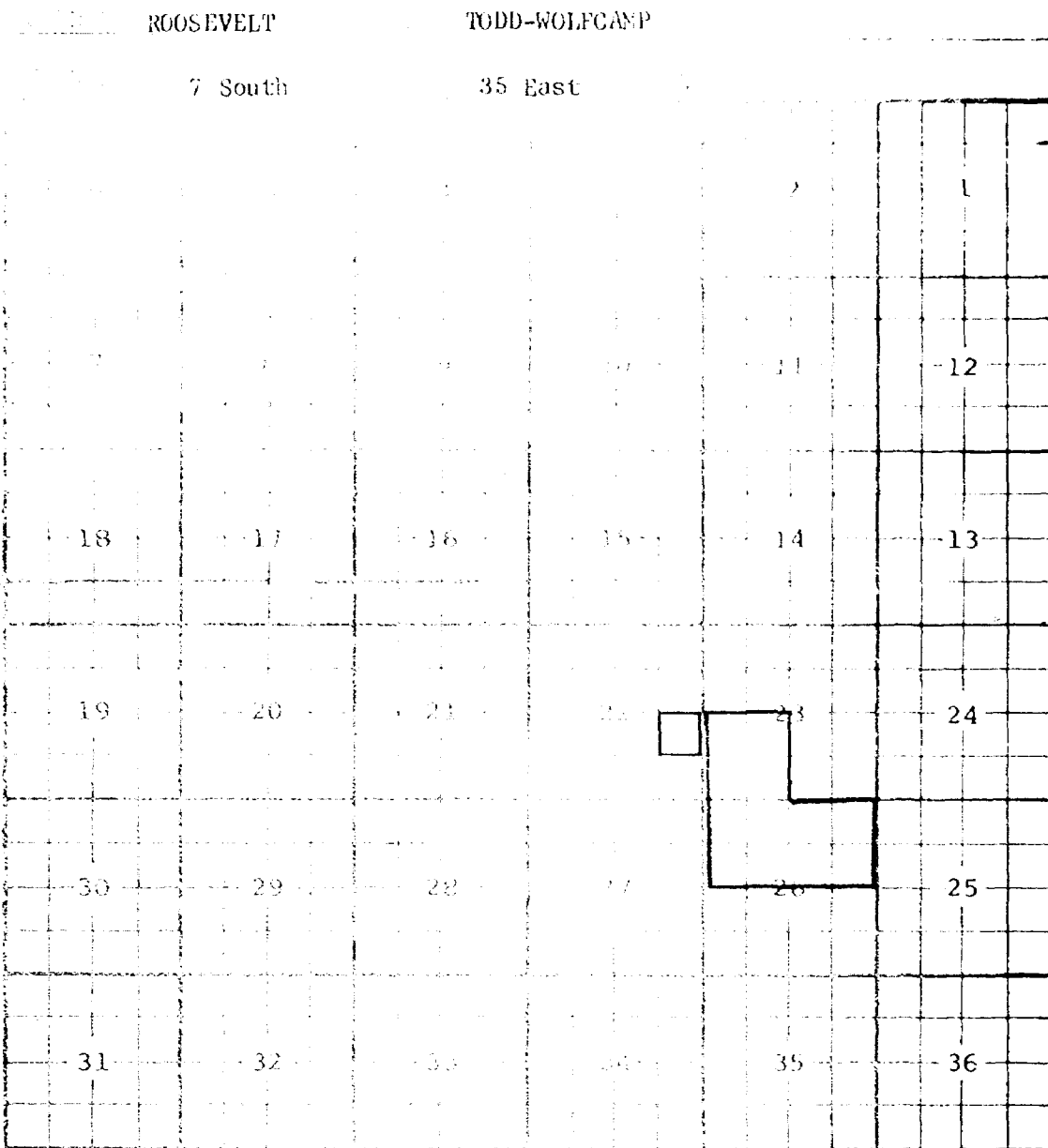


Purpose: One completed oil well capable of producing.

Operator	Lease	# Ut.	S.T.R.	Comp.	FM	T.O.P.
Gulf Oil Corp.	Littlefield	13-P	22-18-31	1/8/71	Queen	3375
AB Federal						

Pool boundary colored in red.

Proposed extension colored in green. Section 22: S/2 SE/4



PURPOSE: Two completed oil wells capable of producing.

TEXACO, INC. - Roland McLean Federal #1 in Unit M of Section 23-7-35.

Completed in Wolfcamp on January 16, 1971. Top of Perforations 7594'.

TEXACO, INC. - M. A. Cunningham Federal NCT-1 #1 in Unit C of Section 26-

7-35. Completed in Wolfcamp on January 16, 1971. Top of Perforations 7580'.

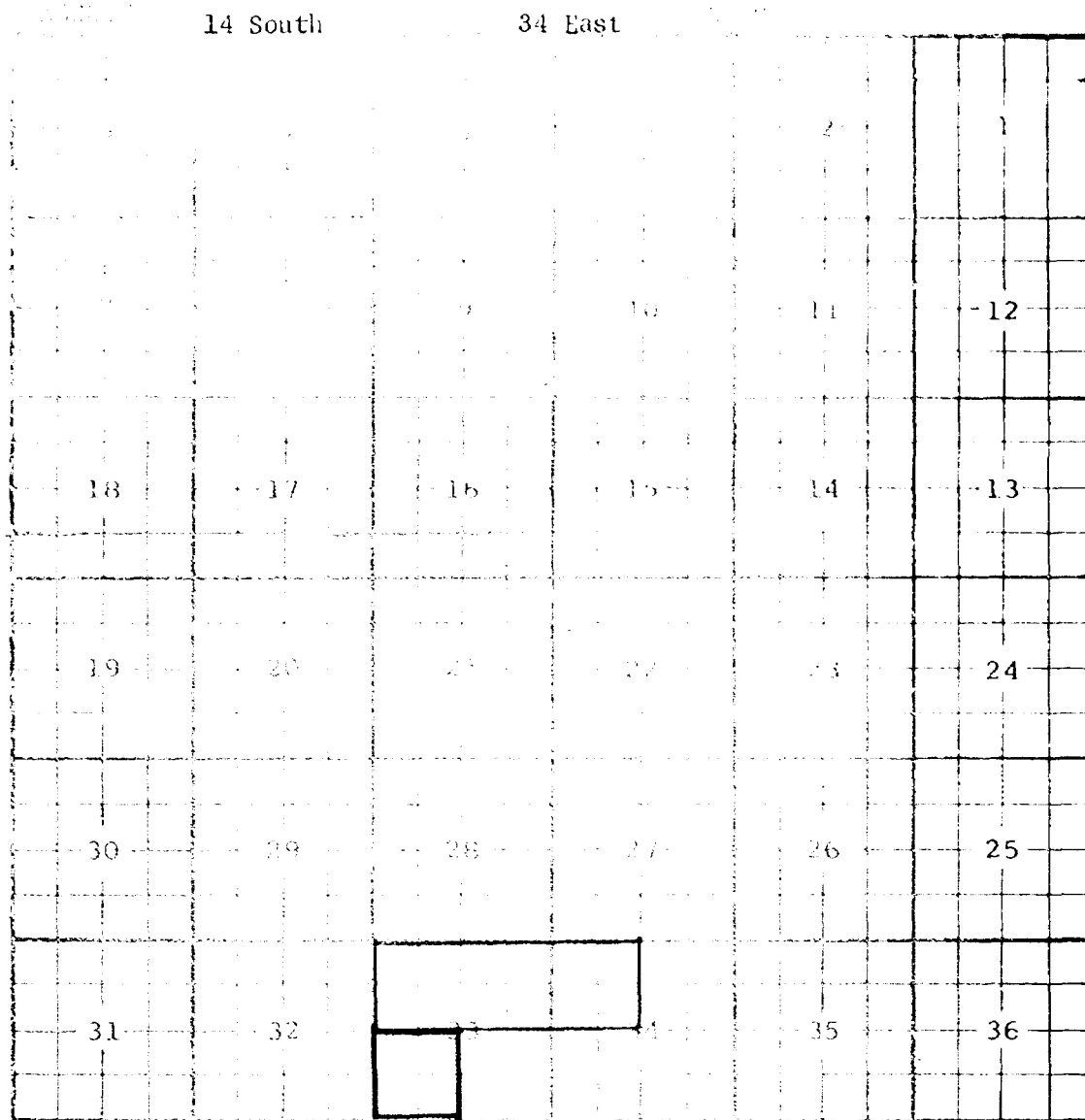
Pool boundary colored in red.

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

SECTION 26: N/2

LEA

TRES PAPALOTES-PENNSYLVANIAN



PURPOSE: One completed oil well capable of producing.

LONE STAR PRODUCING COMPANY - N. M. (87) State #1 in Unit K of Section 33-14-34. Completed in Saunders on January 23, 1971. Top of Perforations 10,427'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 33: SW/4

34 East

3 South

61 East

1

2

3

4

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DELAWARE APACHE CORPORATION - Atlantic State #1 in Unit N of Section 36-8-34. Completed in Bough "C" on January 7, 1971. Top of Perforations--9640'.

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

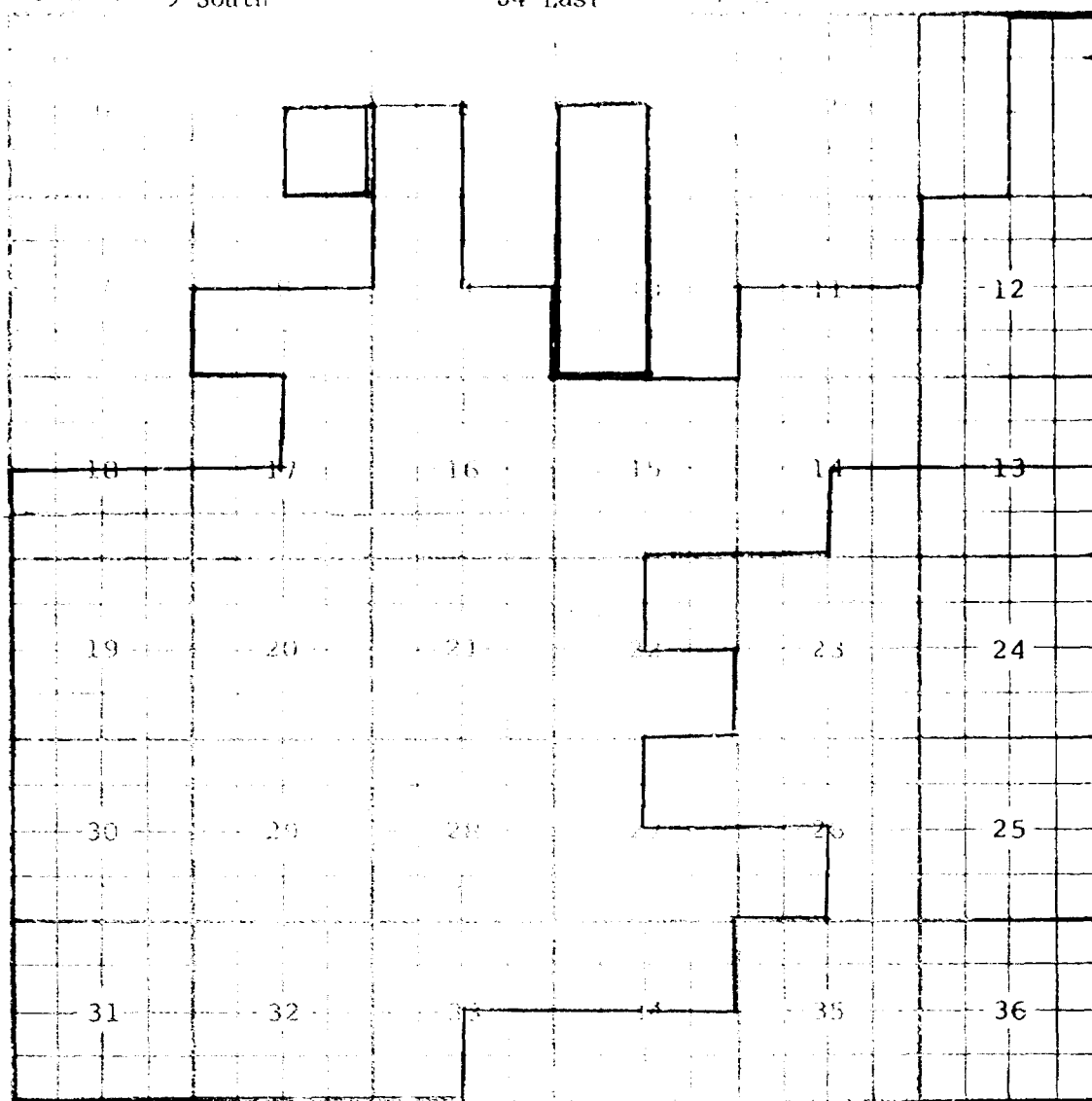


LEA

VADA-PENNSYLVANIAN

9 South

34 East



PURPOSE: As stated on preceding page, paragraph (s), Exhibit I.  
 DELAWARE APACHE CORPORATION - Midwest Federal #1 in Unit J of Section 5-  
 9-34. Completed in Bough C on January 14, 1971. Top of Perforations  
 9648'.

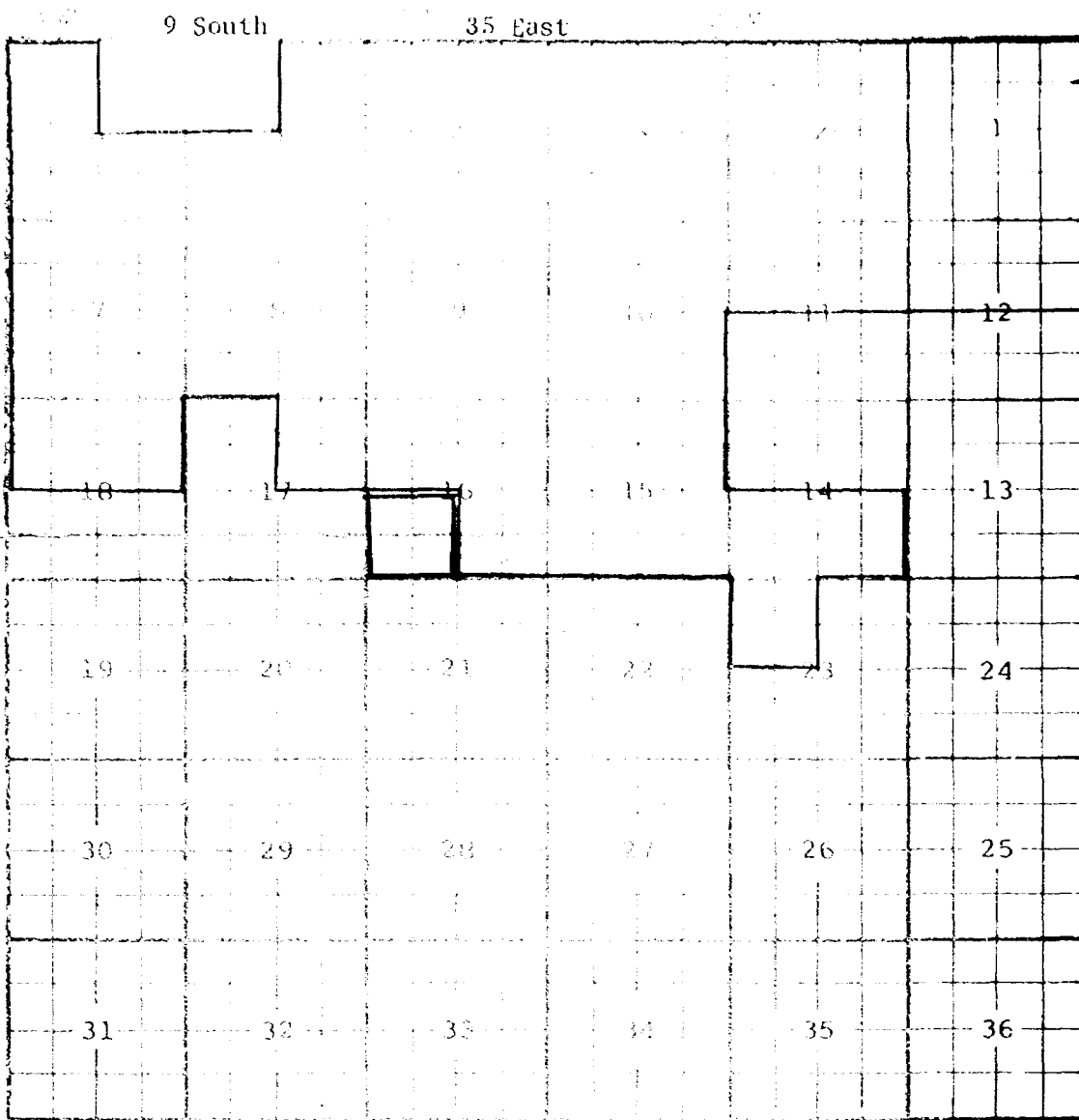
ADDITION--BTA OIL PRODUCERS - McNulty 7101 JV-D #1 in Unit L of Section  
 3-9-34. Completed in Bough C on February 26, 1971. Top of  
 Perforations 9638'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 5: SE/4  
 ADDITIONS----SECTION 3: SW/4  
 SECTION 10: W/2

LEA

VADA-PENNSYLVANIAN



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

ADDITION--STOLTZ, WAGNER & BROWN - King #1 in Unit K of Section 16-9-35.

Completed in Pennsylvanian on February 15, 1971. Top of Perforations 9774'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 16: SW/4

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. 4513  
ORDER NO. R- 4779

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

*q/b* This cause came on for hearing at 9:00 a.m. on March 17, 1971, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, herein-after referred to as the "Commission".

NOW, on this        day of March, 1971, the Commission, a quorum being present, having considered the testimony presented and the exhibits received at said hearing, 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 oil pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of South Buffalo-Pennsylvanian Pool. Said South Buffalo-Pennsylvanian Pool was discovered by the King Resources Company Kimo Sabe Well No. 1, located in Unit J of Section 16, Township 19 South, Range 33 East, NMPM. It was completed in the Pennsylvanian formation on May 29, 1970. The top of the perforations is at 11,255 feet.

*1000* ~~(3) That the proposed creation of a new pool in Section 19, Township 23 South, Range 26 East, NMPM, Eddy County, New Mexico, for the production of gas from the Atoka formation should be dismissed.~~  
was completed in the Atoka formation on August 11, 1970. The top of the perforations is at 10,608 feet. This is to be dismissed because the discovery well is to be plugged and abandoned.

✓ (4) That there is need for the creation of a new gas pool in Chaves County, New Mexico, for the production of gas from the Cisco formation, said pool to bear the designation of Haystack-Cisco Gas Pool. Said Haystack-Cisco Gas Pool was discovered by the Shenandoah Oil Corporation Federal I Well No. 1, located in Unit K of Section 21, Township 6 South, Range 27 East, NMPM. It was completed in the Cisco formation on September 25, 1970. The top of the perforations is at 5846 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 H G-Morrow Gas Pool. Said H G-Morrow Gas Pool was discovered by the H. L. Brown, Jr. Yates Federal Well No. 1, located in Unit J of Section 30, Township 12 South, Range 30 East, NMPM. It was completed in the Morrow formation on October 11, 1970. The top of the perforations is at 11,374 feet.

✓ (6) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Pennsylvanian formation, said pool to bear the designation of Kemnitz-Morrow Gas Pool. Said Kemnitz-Morrow Gas Pool was discovered by the Elk Oil Company Diamond State Well No. 1, located in Unit J of Section 16, Township 16 South, Range 34 East, NMPM. It was completed in the Pennsylvanian formation on December 1, 1969. The top of the perforations is at 12,756 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 Lower Pennsylvanian formation, said pool to bear the designation of Sand Dunes-Lower Pennsylvanian Gas Pool. Said Sand Dunes-Lower Pennsylvanian Gas Pool was discovered by the Texas American Oil Company Todd 14 Federal Well No. 1, located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM. It was completed in the Lower Pennsylvanian formation on December 9, 1970, with special vertical limits defined as being from 14,030 feet to 15,220 feet as on the log of the discovery well. The top of the perforations is at 14,051 feet.

✓(8) That there is need for the creation of a new gas pool in Lea County, New Mexico, for the production of gas from the Drinkard formation, said pool to bear the designation of East Skaggs-Drinkard Gas Pool. Said East Skaggs-Drinkard Gas Pool was discovered by the Continental Oil Company Semu Burger Well No. 21, located in Unit O of Section 19, Township 20 South, Range 38 East, NMPM. It was completed in the Drinkard formation on December 23, 1969. The top of the perforations is at 6761 feet.

*(9) That there is need for the consolidation of the Cline-Albo Pool and the Cline-Drinkard Pool both in Lea County, New Mexico, as a measure to ~~also~~ affect economical improvement. Said consolidation to be accomplished by the abolishment of the Cline-Albo Pool and the extension of the vertical limits of the Cline-Drinkard Pool to include the Albo formation and to redesignate said pool as the Cline-Drinkard-Albo Pool.*

*(10) That there is need for certain extensions to the Double L-Pennsylvanian Pool in Chaves County, New Mexico, the South Carlsbad-Morrow Gas Pool, the South Carlsbad-Strawn Gas Pool, and the Shugart Pool, all in Eddy County, New Mexico, the Baum-Upper Pennsylvanian Pool, the Hobbs-Drinkard Pool, and the Tres Papalotes-Pennsylvanian Pool, all in Lea County, New Mexico, the Bluit-San Andres Associated Pool and the Todd-Wolfcamp Pool, both in Roosevelt County, New Mexico, and the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico.*

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 16: SE/4

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

TO BE DISMISSED TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM  
SECTION 19: S/2

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

✓ TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 21: ALL

(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 H G-Morrow Gas Pool, consisting of the following described area:

✓ TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
SECTION 30: E/2

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

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

*(11) That the proposed creation of a new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Grandi Ranch-Atoka Gas Pool, consisting of the following described area:*

*Township 23 South, Range 26 East, NMPM*

*Section 19: S/2*

*is hereby dismissed.*

(f) That a new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production, is hereby created and designated as the Sand Dunes-Lower Pennsylvanian Gas Pool with special vertical limits defined as being from 14,030 feet to 15,220 feet as in Texas American Oil Company's Todd 14 Federal No. 1, located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM, and consisting of the following described area:

✓ TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: W/2

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

✓ TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
SECTION 19: SE/4

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

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: SE/4

is hereby abolished.

✓ (i) That the vertical limits of the Cline-Drinkard Pool in Lea County, New Mexico, are hereby extended to include the Abo formation and redesignate said pool as the Cline Drinkard-Abo Pool.

(j) 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: SW/4

(k) That the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 33 EAST, NMPM  
SECTION 20: NE/4

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

✓ TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2  
SECTION 32: W/2

(m) That the South Carlsbad-Strawn 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 31: All

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 6: N/2

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

✓ TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM  
SECTION 24: SW/4 SW/4  
SECTION 25: NW/4 and NE/4 SW/4

✓ TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM  
SECTION 12: SE/4 SE/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM  
SECTION 29: NE/4

(p) That the Shugart 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 22: S/2 SE/4

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

✓ TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM  
SECTION 23: SW/4  
SECTION 26: N/2

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

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SW/4

(s) That the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: SW/4

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM  
SECTION 3: SW/4  
SECTION 5: SE/4  
SECTION 10: W/2

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM  
SECTION 16: SW/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 of vertical and horizontal limits included herein shall be April 1, 1971.

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

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

BRUCE KING, Chairman

ALEX ARMijo, Member

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

S E A L

In the matter of the application of the Oil Conservation Commission of New Mexico upon its own motion for an order for the creation of new pools in Chaves, Eddy, and Lea Counties, New Mexico, the abolishment of an existing pool in Lea County, New Mexico, the extension of vertical limits of an existing pool in Lea County, New Mexico, and the extension of horizontal limits of certain existing pools in Chaves, 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, and extensions of vertical and horizontal limits should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the South Buffalo-Pennsylvanian Pool. The discovery well is King Resources Company, Kimo Sabe No. 1 located in Unit J of Section 16, Township 19 South, Range 33 East, NMPM. Said pool ~~described as~~ *was not completed*

✓ TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
SECTION 16: SE/4

b) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Atoka production and designated as the Grandi Ranch-Atoka Gas Pool. The discovery well is Byron M. McKnight, Grandi Ranch No. 1 located in Unit J of Section 19, Township 23 South, Range 26 East, NMPM. Said pool ~~described as~~ *was not completed*

✓ TOWNSHIP 23 SOUTH, RANGE 26 EAST, NMPM  
SECTION 19: S/2

c) CREATE A new pool in Chaves County, New Mexico, classified as a gas pool for Cisco production and designated as the Haystack-Cisco Gas Pool. The discovery well is Shenandoah Oil Corporation, Federal I No. 1 located in Unit K of Section 21, Township 6 South, Range 27 East, NMPM. Said pool ~~described as~~ *was not completed*

✓ TOWNSHIP 6 SOUTH, RANGE 27 EAST, NMPM  
SECTION 21: ALL

d) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Morrow production and designated as the HG-Morrow Gas Pool. The discovery well is H. L. Brown, Jr., Yates Federal No. 1 located in Unit J of Section 30, Township 19 South, Range 30 East, NMPM. Said pool ~~described as~~ *was not completed*

✓ TOWNSHIP 19 SOUTH, RANGE 30 EAST, NMPM  
SECTION 30: E/2

e) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Pennsylvanian production and designated as the Kemnitz-Morrow ~~Pennsylvanian~~ Gas Pool. The discovery well is Elk Oil Company, Diamond State No. 1 located in Unit J of Section 16, Township 16 South, Range 34 East, NMPM. Said pool ~~described as~~ *was not completed*

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

March, 1971 Nomenclature

f) CREATE A new pool in Eddy County, New Mexico, classified as a gas pool for Lower Pennsylvanian production and designated as the Sand Dunes-Lower Pennsylvanian Gas Pool. The discovery well is Texas American Oil Corporation, Todd 14 Federal No. 1 located in Unit K of Section 14, Township 23 South, Range 31 East, NMPM, with special vertical limits ~~defined as~~ being from 14,030 feet to 15,220 feet as on the log of the discovery well. Said pool ~~described as~~ *Washed Comp. 1*

✓ TOWNSHIP 23 SOUTH, RANGE 31 EAST, NMPM  
SECTION 14: W/2

g) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Drinkard production and designated as the East Skaggs-Drinkard Gas Pool. The discovery well is Continental Oil Company, Semu Burger No. 21 located in Unit 0 of Section 19, Township 20 South, Range 38 East, NMPM. Said pool described as:

✓ TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
SECTION 19: SE/4

h) ABOLISH the Cline-Abo Pool in Lea County, New Mexico, described as:

✓ TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM  
SECTION 11: SE/4

✓ i) EXTEND the vertical limits of the Cline-Drinkard Pool in Lea County, New Mexico, to include the Abo formation and redesignate said pool ~~to Cline~~ *as the* Drinkard-Abo Pool.

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

✓ TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM  
SECTION 30: SW/4

k) EXTEND the Bluitt-San Andres Associated Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 38 EAST, NMPM  
SECTION 20: NE/4

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

✓ TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2  
SECTION 32: W/2

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

✓ TOWNSHIP 22 SOUTH, RANGE 27 EAST, NMPM  
SECTION 31: E/2

✓ TOWNSHIP 23 SOUTH, RANGE 27 EAST, NMPM  
SECTION 6: N/2



n) EXTEND the Double L-Queen Pool in Chaves County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 29 EAST, NMPM  
SECTION 24: SW/4 SW/4  
SECTION 25: N/2 NW/4, SE/4 NW/4, and  
NE/4 SW/4

o) EXTEND the Hobbs-Drinkard Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM  
SECTION 29: NE/4

p) EXTEND the Shugart Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 31 EAST, NMPM  
SECTION 22: S/2 SE/4

q) EXTEND the Todd-Wolfcamp Pool in Roosevelt County, New Mexico, to include therein:

✓ TOWNSHIP 7 SOUTH, RANGE 35 EAST, NMPM  
SECTION 23: SW/4  
SECTION 26: N/2

r) EXTEND the Tres Papalotes-Pennsylvanian Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM  
SECTION 33: SW/4

s) EXTEND the Vada-Pennsylvanian Pool in Lea and Roosevelt Counties, New Mexico, to include therein:

✓ TOWNSHIP 8 SOUTH, RANGE 34 EAST, NMPM  
SECTION 36: SW/4

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM  
SECTION 5: SE/4

CASE 4514: Appli. of CONTINENTAL  
OIL COMPANY FOR SALT WATER  
DISPOSAL, LEA COUNTY, N. MEX.