

CASE 4150:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number.

4150

Application

Transcripts.

Small Exhibits

ETC.

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SPECIALIZING IN: DEPOSITIONS, HEARINGS, STATEMENTS, EXPERT TESTIMONY, DAILY COPY, CONVENTIONS

1120 SIMMS BLDG. • P. O. BOX 1002 • PHONE 243-6691 • ALBUQUERQUE, NEW MEXICO



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 13, 1969

REGULAR HEARING

IN THE MATTER OF:)

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

Case No. 4150

BEFORE: DAVID E. CARGO, Governor
A. L. "PETE" PORTER, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: We will now take up Case 4150.

MR. HATCH: Case 4150, Southeastern nomenclature case calling for an order for the creation and extension of certain pools in Lea and Chaves Counties, New Mexico.

(Witness sworn)

JOE D. RAMEY,

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

DIRECT EXAMINATION

BY MR. HATCH:

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

A. Joe D. Ramey, Supervisor of Oil Commission, District 1.

Q. Are you prepared to make recommendations to this Commission concerning creation and extension of certain pools in Lea and Chavez Counties, New Mexico?

A. Yes, sir.

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

A. Yes, they are.

Q. Will you identify them, please?

A. Southeast New Mexico Nomenclature, Exhibit 1.

Paragraphs A through K.

Q. Please refer to Exhibit 1, Paragraphs A through K, and point out any substantial differences between it and the docket in this case and any correction that need be made.

A. I have additions in Paragraph D, these additions are as follows:

Township 13 South, Range 32 East; Section 23, the Southeast Quarter; Section 24, the Southwest Quarter; Township 13, Range 33 East, Section 18, Southeast Quarter.

An addition in Paragraph F: in Township 18 South, Range 38 East. Section 30 of the Southeast Quarter in Paragraph K. Additions one in Township 9, South Range 33 East, Section 36, Northwest Quarter. An addition in Township 9, South Range 34 East, Section 14, Southwest Quarter. Addition in 10 South, Range 34 East, Section 4, Northwest Quarter; the remainder is as advertised on the docket.

Q. Do you recommend to the Commission the changes to Paragraphs A through K be created and extended, as shown on the docket, and as corrected in this hearing?

A. That's correct; yes, sir.

Q. Was Exhibit 1 prepared by you or someone under your supervision?

A. It was.

MR. HATCH: I move for the adoption of Exhibit 1.

MR. PORTER: If there is no objection, Exhibit 1 will be admitted.

(Whereupon, Exhibit 1 was marked for identification)

MR. PORTER: Does anyone have questions of Mr. Rainey? You may be excused.

(Witness excused)

MR. PORTER: Is there anything further to be offered in the Nomenclature case?

The Commission will take the case under advisement. This concludes the matters before the full Commission so we will adjourn the regular hearing at this time and turn the proceedings over to Mr. Daniel S. Nutter who will continue with the Case No. 4136.

I N D E XWITNESSPAGE

JOE D. RAMEY

Direct Examination by Mr. Hatch

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E X H I B I TNUMBERPAGE

Exhibit 1

Southeast New Mexico
Nomenclature, Paragraphs
A through K

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STATE OF NEW MEXICO)
)
COUNTY OF BERNALILLO)

I, KURLEEN E. McCUTCHEN, a Notary Public in and
for the County of Bernalillo, State of New Mexico, do
hereby certify that the foregoing and attached Transcript
of Hearing is a record of the proceedings had before the
New Mexico Oil Conservation Commission, on June 13, 1969;
that same was reported by me; and that same is a true and
correct record, to the best of my knowledge, skill and
ability.

Kurleen E. McCutchen
NOTARY PUBLIC

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. 4150
Order No. R-3780

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on June 13, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 19th day of June, 1969, 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 Chaves County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Lone-Mississippian Pool. Said Lone-Mississippian Pool was discovered by the BWP, Inc., General American Federal Well No. 1, located in Unit E of Section 7, Township 7 South, Range 31 East, NMPM. It was completed in the Mississippian formation on March 26, 1969. The top of the perforations is at 8396 feet.

(3) That there is need for the extension of the vertical limits of the North Baum-Upper Pennsylvania Pool in Lea County, New Mexico, to include all of the "Bough" zones (entire Cisco

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CASE No. 4150

Order No. R-3780

formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet. Type log: Pan American Petroleum Corporation's State DL Well No. 1, located in Unit L of Section 13, Township 13 South, Range 32 East.

(4) That there is need for certain extensions to the Baum-Upper Pennsylvanian Pool, the North Baum-Upper Pennsylvanian Pool, the Fowler-Devonian Pool, the Hobbs-Blinebry Pool, the Justis-Blinebry Pool, the North Paduca-Delaware Pool, the West Ranger Lake-Devonian Gas Pool, the Scharb-Bone Springs Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
Section 7: NW/4

(b) That the vertical limits of the North Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, are hereby extended to include all of the "Dough" zones (entire Cisco formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet. Type log: Pan American Petroleum Corporation's State DL Well No. 1, located in Unit L of Section 13, Township 13 South, Range 32 East, NMPM.

(c) 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 32: SE/4

TOWNSHIP 14 SOUTH, RANGE 33 EAST, NMPM
Section 4: NW/4

(d) That the North 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 32 EAST, NMPM
Section 23: SE/4

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(d) Continued from Page 2 -

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM

Section 24: E/2 and SW/4

Section 25: N/2

Section 26: NE/4

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

Section 18: SE/4

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

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

Section 10: E/2 SW/4

(f) That the Hobbs-Blinebry 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 30: SE/4

Section 32: NE/4

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

Section 23: SW/4

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

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

Section 33: SE/4

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

Section 4: NE/4

(i) That the West Ranger Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

Section 34: S/2

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CASE No. 4150
Order No. R-3780

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

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
Section 7: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
Section 25: SW/4
Section 36: NW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
Section 14: SW/4
Section 15: SE/4

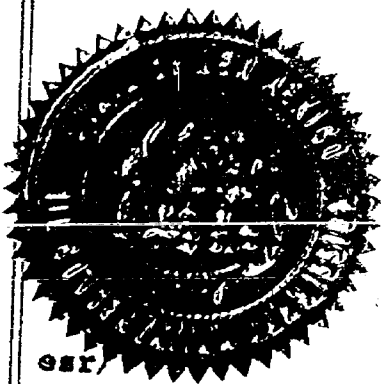
TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
Section 8: SW/4

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM
Section 4: NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations and extensions of vertical and horizontal limits included herein shall be July 1, 1969.

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



STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

David F. Cargo
DAVID F. CARGO, Chairman

Alex J. Amato
ALEX J. AMATO, Member

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

DOCKET: REGULAR HEARING - FRIDAY - JUNE 13, 1969

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

- ALLOWABLE: (1) Consideration of the oil allowable for July, 1969;
- (2) Consideration of the allowable production of gas for July, 1969, from fourteen prorated pools in Lea, Eddy, Roosevelt and Chaves Counties, New Mexico. Consideration of the allowable production of gas from nine prorated pools in San Juan, Rio Arriba and Sandoval Counties, New Mexico, for July, 1969; also presentation of purchaser's nominations for the six-month period beginning August 1, 1969, for that area.

CASE 4017: (De Novo) (Continued from the May 14, 1969 Regular Hearing) Application of Corinne Grace for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying Section 8, Township 21 South, Range 24 East, North Indian Hills-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled in the SE/4 of said Section 8. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well. Upon application of David Fasken, this case will be heard De Novo under the provisions of Rule 1220.

CASE 4043: (De Novo) (Continued from the May 14, 1969, Regular Hearing) Application of David Fasken for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Morrow formation underlying Section 8, Township 21 South, Range 24 East, North Indian Hills-Morrow Gas Pool, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled 1980 feet from the North line and 2105 feet from the East line of said Section 8. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well. Upon application of David Fasken, this case will be heard De Novo under the provisions of Rule 1220.

CASE 4088:

(De Novo)

Application of Paul M. Mershon, Jr., for compulsory pooling, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an order pooling all mineral interests in the Upper Pennsylvanian formation underlying Section 21, Township 22 South, Range 23 East, Eddy County, New Mexico. Said acreage to be dedicated to a well to be drilled at an unorthodox gas well location 990 feet from the North and East lines of said Section 21, and within one mile of the Indian Basin-Upper Pennsylvanian Gas Pool. Also to be considered will be the costs of drilling said well, a charge for the risk involved, a provision for the allocation of actual operating costs, and the establishment of charges for supervision of said well. Upon application of Marathon Oil Company, this case will be heard De Novo under the provisions of Rule 1220.

CASE 4089:

(De Novo)

Application of Paul M. Mershon, Jr. for an unorthodox gas well location, Eddy County, New Mexico. Applicant, in the above-styled cause, seeks an exception to the special rules and regulations governing the Indian Basin-Upper Pennsylvanian Gas Pool to permit the drilling of a well at an unorthodox gas well location 990 feet from the North and East lines of Section 21, Township 22 South, Range 23 East, Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico. Upon the applications of Hanagan Petroleum Corporation, Robert N. Entfield, and Marathon Oil Company, this case will be heard De Novo under the provisions of Rule 1220.

CASE 4150:

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

(a) Create a new pool in Chaves County, New Mexico, classified as an oil pool for Mississippi production and designated as the Lone-Mississippi Pool. The discovery well is B.W.P., Inc., General American Federal No. 1 located in Unit E of Section 7, Township 7 South, Range 31 East, NMPM. Said pool described as:

TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM

SECTION 7: NW/4

(b) Extend the vertical limits of the North Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include all of the "Bough" zones (entire Cisco formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet on the log of the Pan American Petroleum Corporation State DL Well No. 1 located in Unit I of Section 13, Township 13 South, Range 32 East, NMPM.

(Case 4150 continued)

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

TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 32: SE/4

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

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

TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM
SECTION 24: E/2
SECTION 25: N/2
SECTION 26: NE/4

(e) Extend the Fowler-Devonian Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: E/2 SW/4

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

TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: NE/4

(g) Extend the Justis-Blinbry Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 23: SW/4

(h) Extend the North Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: SE/4

TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
SECTION 4: NE/4

(i) Extend the West RangerLake-Devonian Gas Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: S/2

June 13, 1969, Regular Hearing

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Docket No. 17-69

(j) Extend the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 7: SE/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: SW/4

TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 15: SE/4

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SW/4

* * * * *

THE FOLLOWING CASE WILL BE HEARD BEFORE THE COMMISSION OR
DANIEL S. NUTTER, EXAMINER

CASE 4136: (Continued and Readvertised)

Application of Mallard Petroleum, Inc. for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Lower Seven Rivers formation below the estimated oil-water contact at 20 feet subsea in its Milner Federal Well No. 4, located in Unit C of Section 35, Township 20 South, Range 34 East, Lynch Pool, Lea County, New Mexico. Said well would be deepened to approximately 3850 feet, and disposal made into selected porous intervals below said oil-water contact through perforations in the liner.

CASE 4150: (a) CREATION OF A NEW OIL POOL

COUNTY CHAVES POOL LONE-MISSISSIPPIAN

TOWNSHIP 7 South RANGE 31 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.

BWP, INC. - General American Federal #1 in Unit E of Section 7-7-31. Completed in Mississippian on March 26, 1969. Top of Perforations 8396'.

Proposed pool boundary colored in red. SECTION 7: NW/4

CASE 4150: (b) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL NORTH BAUM-UPPER PENNSYLVANIAN			
TOWNSHIP	13 South	RANGE	32 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 extend the vertical limits of the North Baum-Upper Pennsylvanian Pool to include all of the "Bough" zones (entire Cisco formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet.

Type Log: Pan American Petroleum Corporation's State DL Well #1, located in Unit L of Section 13, Township 13 South, Range 32 East, NMPM.

Pool boundary colored in red. SECTION 13: SE/4

CASE 4150: (b) EXTENSION OF VERTICAL LIMITS OF AN EXISTING OIL POOL (Continued)

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

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

Pool boundary colored in red. SECTION 18: SW/4

SECTION 19: N/2 and SE/4

SECTION 20: All

[illegible]

CASE 4150: (c) EXTENSION
 COUNTY LEA POOL BAUM-UPPER PENNSYLVANIA
 TOWNSHIP 13 South RANGE 33 East NMPM

Two completed oil wells capable of producing.
 also "T" State #1 in Unit 0 of Section 32-13.
 1969. Top of Perforations 984

PURPOSE: Two completed oil wells capable of producing.
CAROT CORPORATION - New Mexico "T" State #1 in Unit 0 of Section 32-13-33.
Completed in Pennsylvanian on March 12, 1969. Top of Perforations 9847'.
Pool boundary colored in red.
Proposed pool extension colored in green. SECTION 32: SE/4

CASE 4150: (c) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	BAUM-UPPER PENNSYLVANIAN		
TOWNSHIP	14 South	RANGE	33 East	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 preceding page, paragraph (c), Exhibit I.
 CABOT CORPORATION - New Mexico "T" State #2 in Unit E of Section 4-14-33.
 Completed in Pennsylvanian on April 2, 1969. Top of Perforations 9891'.
 Pool boundary colored in red.
 Proposed pool extension colored in green. SECTION 4: NW/4

CASE 4150: (d) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	NORTH BAUM-UPPER PENNSYLVANIAN												
TOWNSHIP	13 South	RANGE	32 East	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 oil well capable of producing.

ROBERT B. HOLT - Aztec State #2 in Unit A of Section 26-13-32. Completed in Canyon on February 11, 1969. Top of Perforations 9743'.

ADDITION--SUN OIL COMPANY - DX DIVISION - New Mexico JJ State #1 in Unit O of Section 23-13-32. Completed in Pennsylvanian on April 23, 1969. Top of Perforations 9754'.

ADDITION--UNION TEXAS PETROLEUM CORPORATION - State "24" #1 in Unit M of Section 24-13-32. Completed in Bough C on April 29, 1969. Top of Perforations 9780'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 24: E/2

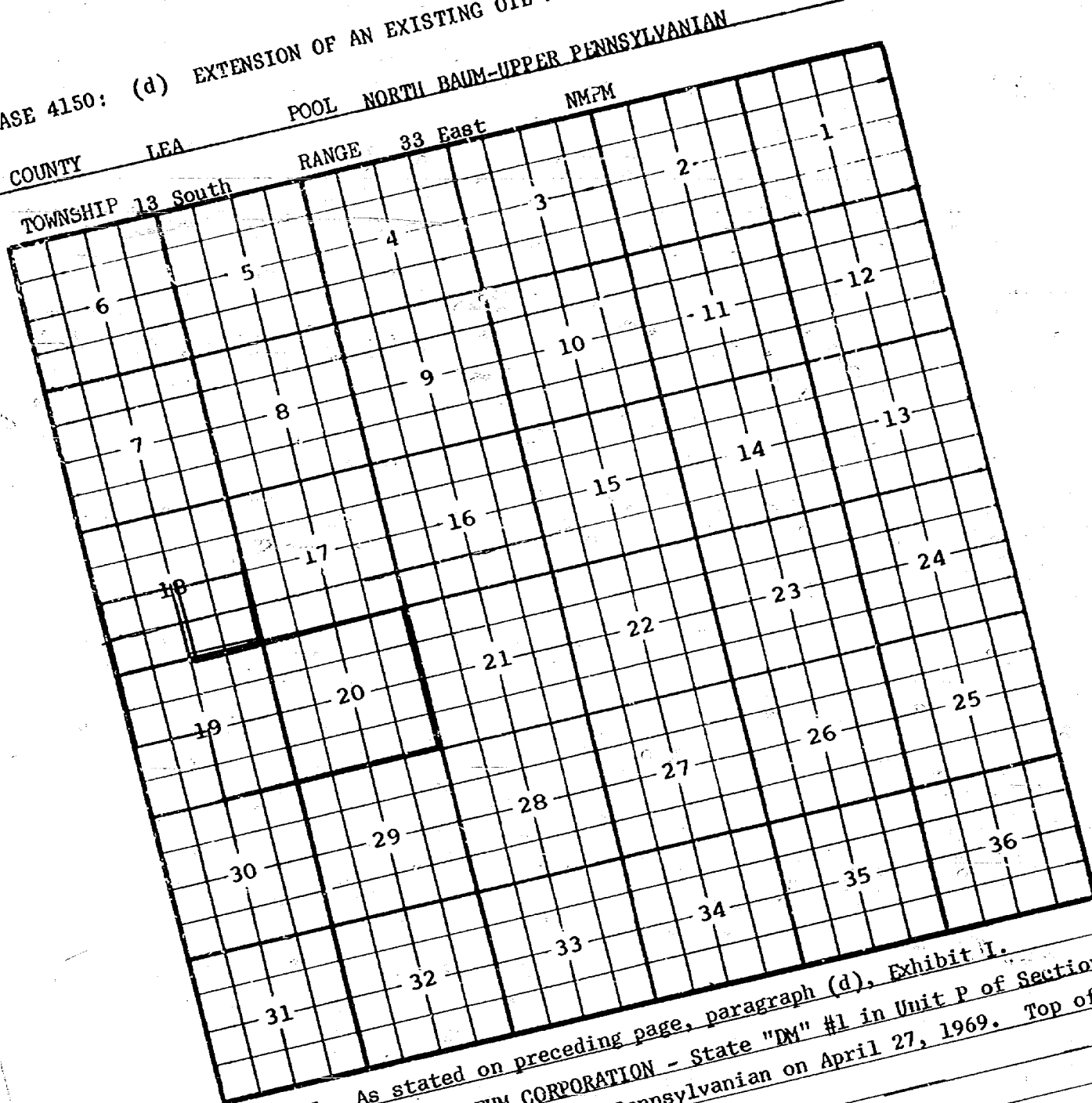
SECTION 25: N/2

SECTION 26: NE/4

ADDITIONS-----SECTION 23: SE/4

SECTION 24: SW/4

CASE 4150: (d) EXTENSION OF AN EXISTING OIL POOL (Continued)

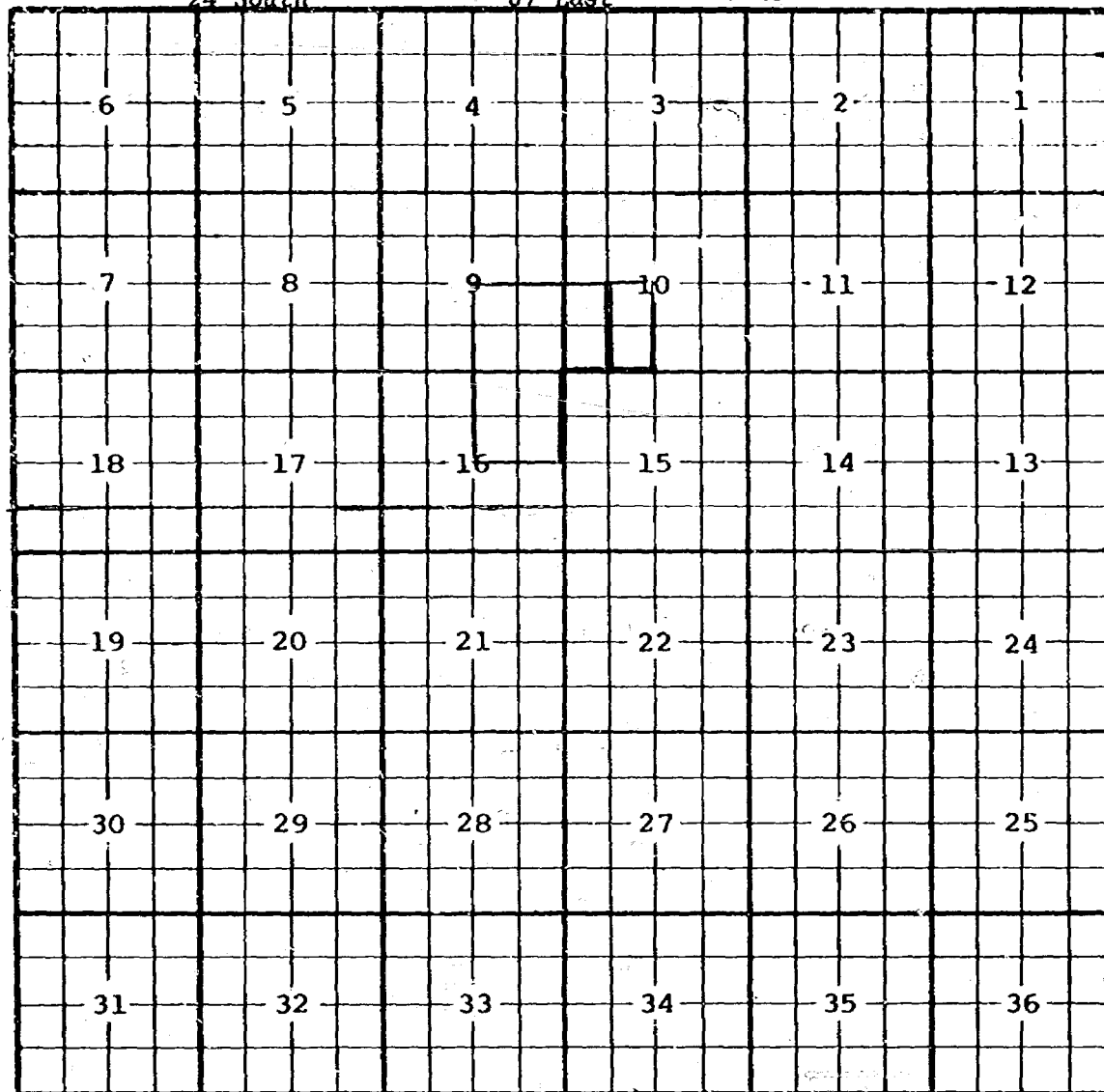


PURPOSE: As stated on preceding page, paragraph (d), Exhibit I.
 ADDITION-----PAN AMERICAN PETROLEUM CORPORATION - State "DM" #1 in Unit P of Section
 18-13-33. Completed in Upper Pennsylvanian on April 27, 1969. Top of
 Perforations 9685'.
 Pool boundary colored in red.
 Proposed pool extension colored in green. SECTION 18: SE/4

CASE 4150: (e) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL FOWLER-DEVONIAN

TOWNSHIP 24 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

GULF OIL CORPORATION - S. J. Carr #7 in Unit K of Section 10-24-37. Completed in Devonian on March 17, 1969. Top of Perforations 7594'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 10: E/2 SW/4

CASE 4150: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL HOBBS-BLINEBRY

TOWNSHIP 18 South RANGE 38 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: Two completed oil wells capable of producing.

AMERADA PETROLEUM CORPORATION - State "A" #4 in Unit B of Section 32-18-38. Completed in Blinebry on April 20, 1969. Top of Perforations 5912'.

SHELL OIL COMPANY - Shell A State #6 in Unit G of Section 32-18-38. Completed in Blinebry on April 23, 1969. Top of Perforations 5805'.

ADDITION--HUMBLE OIL & REFINING COMPANY - Bowers A Federal #1 in Unit I of Section 30-18-38. Completed in Blinebry on April 30, 1969. Top of Perforations 5878'.

Pool boundary colored in red.

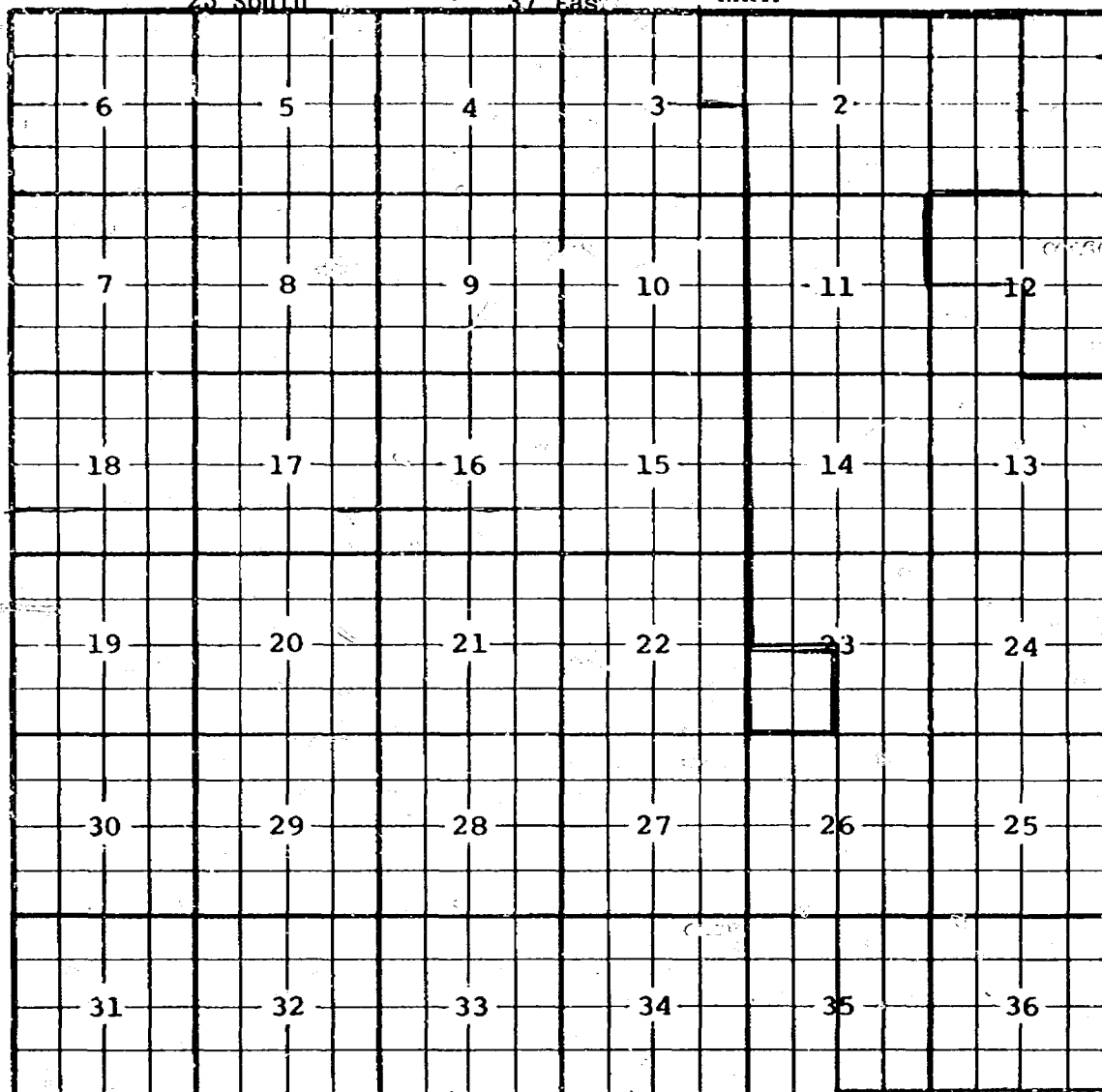
Proposed pool extensions colored in green. SECTION 32: NE/4

ADDITION---SECTION 30: SE/4

CASE 4150: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL JUSTIS-BLINEBRY

TOWNSHIP 25 South RANGE 37 East NMPM



PURPOSE: One completed oil well capable of producing.

KING RESOURCES COMPANY - El Paso Federal #2 in Unit N of Section 23-25-37.

Completed in Blinebry on March 11, 1969. Top of Perforations 5758'.

Pool boundary colored in red.

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

CASE 4150: (h) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL NORTH PADUCA-DELAWARE

TOWNSHIP	24 South	RANGE	32 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: Two completed oil wells capable of producing.

TEXACO, INC. - Cotton Draw Unit #72 in Unit P of Section 33-24-32. Completed in Delaware on September 14, 1968. Top of Perforations 4766'.

Pool boundary colored in red.

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

CASE 4150: (h) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY	LEA	POOL	NORTH PADUCA-DELAWARE											
TOWNSHIP	25 South	RANGE	32 East	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 preceding page, paragraph (h), Exhibit I.
 TEXACO, INC. - Cotton Draw Unit #73 in Unit A of Section 4-25-32. Com-
 pleted in Delaware on December 29, 1968. Top of Perforations 4768'.
 Pool boundary colored in red.
 Proposed pool extension colored in green. SECTION 4: NE/4

CASE 4150: (i) EXTENSION OF AN EXISTING GAS POOL

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

PURPOSE: One completed gas well capable of producing.

PHILLIPS PETROLEUM COMPANY - Tower "A" Com #1 in Unit K of Section 34-12-34. Completed in Devonian on January 31, 1969. Top of Perforations 12,862'.

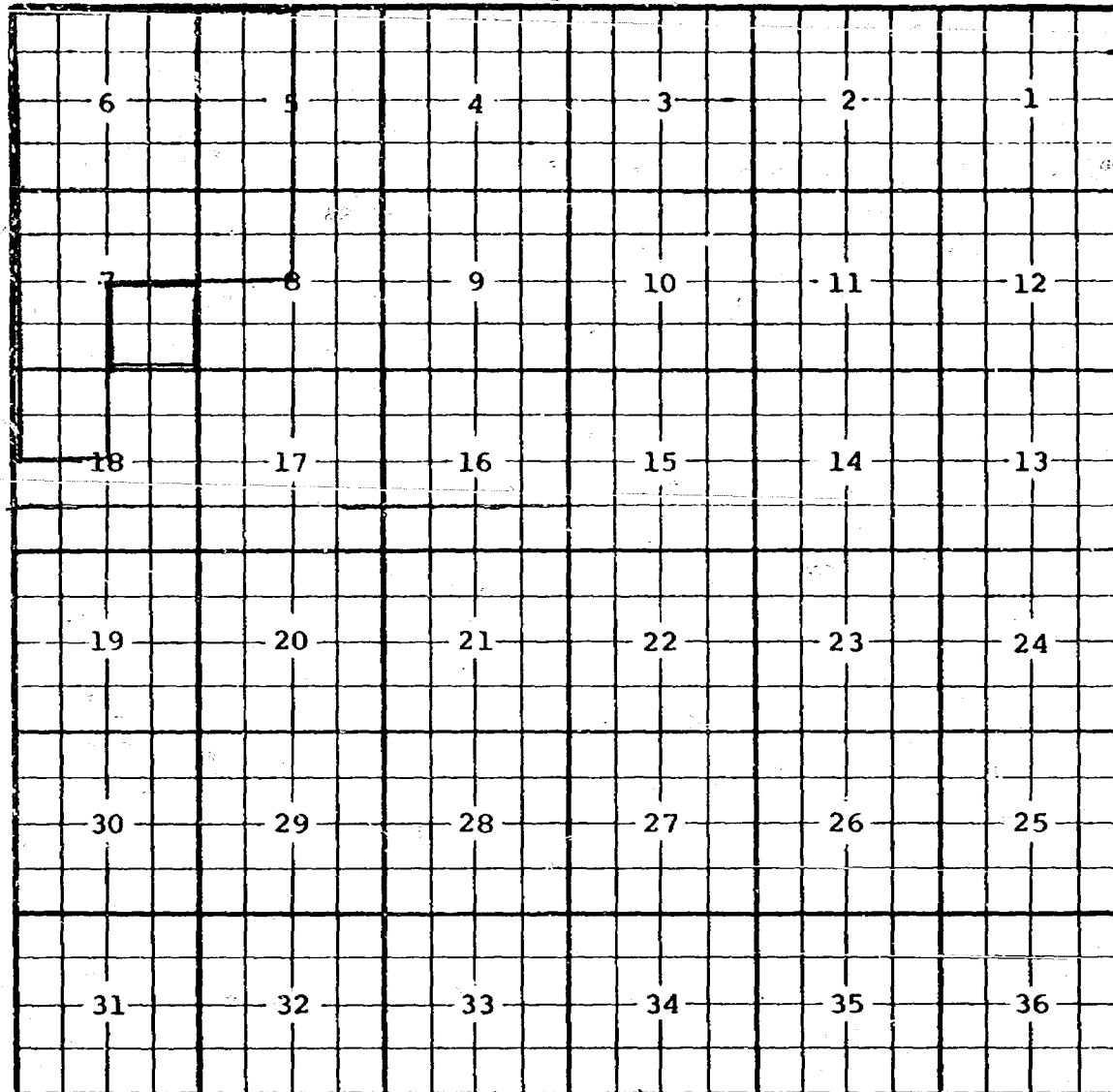
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 34: S/2

CASE 4150: (j) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL SCHARB-BONE SPRINGS

TOWNSHIP 19 South RANGE 35 East NMFM



PURPOSE: One completed oil well capable of producing.

CHARLES B. READ - Hooper "A" #1 in Unit I of Section 7-19-35. Completed in Bone Springs on April 11, 1969. Top of Perforations 10,127'.

Pool boundary colored in red.

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

CASE 4150: EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

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

PURPOSE: Three completed oil wells capable of producing.

MIDWEST OIL CORPORATION - Federal "D" #2 in Unit N of Section 25-9-33.

Completed in Pennsylvanian on April 4, 1969. Top of Perforations 9721'.

ADDITION--BTA OIL PRODUCERS - Sunray B State Com #1 in Unit F of Section

36-9-33. Completed in Bough "C" on December 10, 1968. Top of

Perforations 9685'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 25: SW/4

ADDITION-----SECTION 36: NW/4

CASE 4150: (k) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY	LEA	POOL	VADA-PENNSYLVANIAN
TCWNSHIP	9 South	RANGE	34 East
			NMPM
6	5	4	3
7	8	9	10
18	17	16	15
19	20	21	22
30	29	28	27
31	32	33	34

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

THE SUPERIOR OIL COMPANY - Pruitt "C" #1 in Unit J of Section 15-9-34.

Completed in Bough "C" on April 18, 1969. Top of Perforations 9781'.

ADDITION--HARDING BROTHERS OIL & GAS COMPANY - Vada Pruitt #1 in Unit L

of Section 14-9-34. Completed in Bough C on May 15, 1969. Top

of Perforations 9799'.

Pool boundary colored in red.

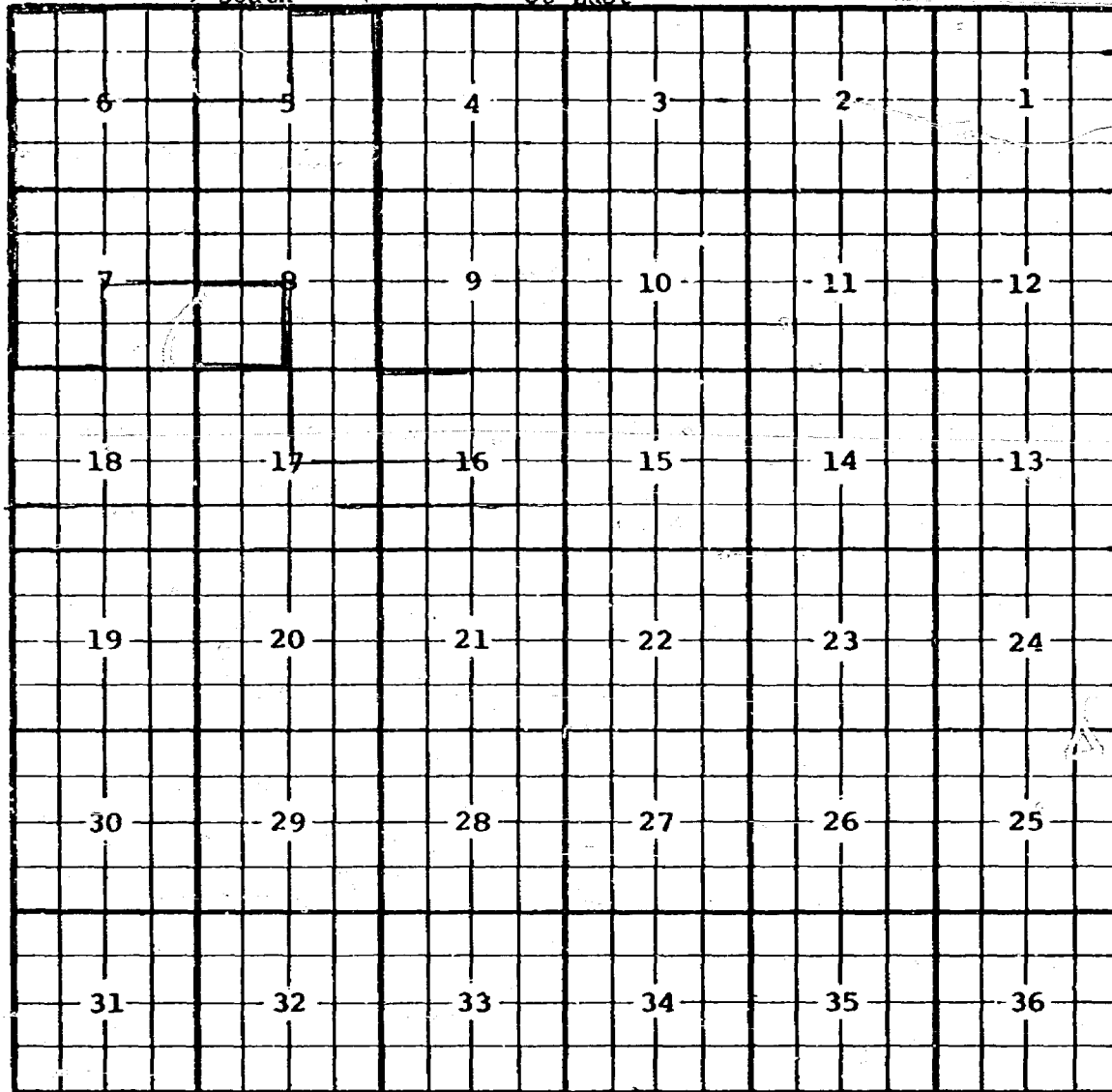
Proposed pool extensions colored in green. SECTION 15: SE/4

ADDITION-----SECTION 14: SW/4

CASE 4150: (k) EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 2 South RANGE 35 East NMPM



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

BTA OIL PRODUCERS - Intex 692 Ltd. #1 in Unit L of Section 8-9-35. Completed in Bough "C" on April 4, 1969. Top of Perforations 9798'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 8: SW/4

CASE 4150: (k) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 10 South RANGE 34 East NMPM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 6x6 grid, with the top row containing 6, 5, 4, 3, 2, 1, the second row 7, 8, 9, 10, 11, 12, the third row 18, 17, 16, 15, 14, 13, the fourth row 19, 20, 21, 22, 23, 24, the fifth row 30, 29, 28, 27, 26, 25, and the bottom row 31, 32, 33, 34, 35, 36. A path of 12 squares is highlighted with a thick black border, starting at square 4 and ending at square 36. The path consists of the following squares: 4, 9, 14, 19, 24, 29, 34, 35, 36, 33, 32, 31.

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

ADDITION--SOLAR OIL COMPANY - Holt State Com #1 in Unit D of Section 4-
10-34. Completed in Pennsylvanian on March 6, 1969. Top of
Perforations 9900'.

Pool boundary colored in red.

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

NOMENCLATURE ADVERTISEMENT FOR JUNE, 1969

CASE Case 4/5-0

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 a new pool in Chaves 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 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 of vertical and horizontal limits should not be made.

a) CREATE A new pool in Chaves County, New Mexico, classified as an oil pool for Mississippian production and designated as the Lone-Mississippian Pool. The discovery well is B.W.P., Inc., General American Federal No. 1 located in Unit E of Section 7, Township 7 South, Range 31 East, NMPM. Said pool described as:

✓ TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
SECTION 7: NW/4

✓ b) EXTEND the vertical limits of the North Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include all of the "Bough" zones (entire Cisco formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet on the log of the Pan American Petroleum Corporation State DL Well No. 1, located in Unit L of Section 13, Township 13 South, Range 32 East, NMPM.

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

✓ TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM
SECTION 32: SE/4

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

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

✓ TOWNSHIP 13 SOUTH, RANGE 32 EAST, NMPM
SECTION 24: E/2
SECTION 25: N/2
SECTION 26: NE/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: E/2 SW/4

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

✓ TOWNSHIP 18 SOUTH, RANGE 38 EAST, NMPM
SECTION 32: NE/4

June, 1969 Nomenclature

g) EXTEND the Justis Linebry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 23: SW/4

h) EXTEND the North Paduca-Delaware Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM
SECTION 33: SE/4

✓ TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM
SECTION 4: NE/4

i) EXTEND the West Ranger Lake-Devonian Gas Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM
SECTION 34: S/2

j) EXTEND the Scharb-Bone Springs Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM
SECTION 7: SE/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 25: SW/4

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM
SECTION 15: SE/4

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: 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. 4150
ORDER NO. R- 2780

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING AND EXTENDING VERTICAL
AND HORIZONTAL LIMITS OF CERTAIN POOLS
IN CHAVES 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 13, 1969, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission".

NOW, on this day of June, 1969, 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 Chaves County, New Mexico, for the production of oil from the Mississippian formation, said pool to bear the designation of Lone-Mississippian Pool. Said Lone-Mississippian Pool was discovered by the BWP, Inc. General American Federal Well No. 1, located in Unit E of Section 7, Township 7 South, Range 31 East, NMPM. It was completed in the Mississippian formation on March 26, 1969. The top of the perforations is at 8396 feet.

(3) That there is need for the extension of the vertical limits of the North Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, to include all of the "Bough" zones (entire Cisco formation of the Pennsylvanian) *in the interval from 9590 feet to 9979 feet. Type log: Pan American Petroleum Corporation's State DL Well No. 1 located in*

(4) That there is need for certain extensions to the Baum-Upper Pennsylvanian Pool, the North Baum-Upper Pennsylvanian Pool, the Fowler-Devonian Pool, the Hobbs-Blinbry Pool, the Justis-Blinbry Pool, the North Paduca-Delaware Pool, the West Ranger Lake-Devonian Gas Pool, the Scharb-Bone Springs Pool, and the Vada-Pennsylvanian Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED:

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

✓ TOWNSHIP 7 SOUTH, RANGE 31 EAST, NMPM
SECTION 7: NW/4

(b) That the vertical limits of the North Baum-Upper Pennsylvanian Pool in Lea County, New Mexico, are hereby extended to include all of the "Bough" zones (entire Cisco formation of the Pennsylvanian) in the interval from 9590 feet to 9979 feet. *Type log: Pan American Petroleum Corporation's State DL Well No. 1, located in Unit L of Section 13, Township 13 South, Range 32 East, NMPM.*

(c) 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 32: SE/4

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

Unit L-13-135-32E.

(d) That the North 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 32 EAST, NMPM

SECTION 23: SE/4

SECTION 24: E/2 and SW/4

SECTION 25: N/2

SECTION 26: NE/4

✓ TOWNSHIP 13 SOUTH, RANGE 33 EAST, NMPM

SECTION 18: SE/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM

SECTION 10: E/2 SW/4

(f) That the Hobbs-Blinebry 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 30: SE/4

SECTION 32: NE/4

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

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM

SECTION 23: SW/4

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

✓ TOWNSHIP 24 SOUTH, RANGE 32 EAST, NMPM

SECTION 33: SE/4

✓ TOWNSHIP 25 SOUTH, RANGE 32 EAST, NMPM

SECTION 4: NE/4

(i) That the West Ranger Lake-Devonian Gas Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 12 SOUTH, RANGE 34 EAST, NMPM

SECTION 34: S/2

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

✓ TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

SECTION 7: SE/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM

SECTION 25: SW/4

SECTION 36: NW/4

✓ TOWNSHIP 9 SOUTH, RANGE 34 EAST, NMPM

SECTION 14: SW/4

SECTION 15: SE/4

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM

SECTION 8: SW/4

✓ TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

SECTION 4: NW/4

-3-

CASE NO. 4150

ORDER NO. R-_____

IT IS FURTHER ORDERED: ✓

That the effective date of this order and all creations and extensions of vertical and horizontal limits included herein shall be July 1, 1969.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

ALEX ARMIJO, Member

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

S E A L