

CASE 3054:

SOUTHEASTERN NEW MEXICO

NOMENCLATURE

CASE NO.

3054

Application,

TRANSCRIPTS,

SMALL Exhibits

ETC.

Memo

From
D. S. NUTTER
CHIEF ENGINEER

To
in the same interval?
I believe the gas
on some at any rate
is called Cisco.

Memo

From
R. L. STAMETS
GEOLOGIST AND DEPUTY
OIL & GAS INSPECTOR

To Dan Nutter
I have added the
Dry holes. They are noted
at the top of the map.
Also I have noted all
Penn tops and perforations
on the yellow sheet. If
I had logs on all the
wells I could tell you

Memo

5/20
From
D. S. NUTTER
CHIEF ENGINEER

To Dick Stamets.

I have spotted all
the producers that I
know of on the
attached plat. Now
where are the dry
(Penn) holes in this
neighborhood. Also, are
all of the wells in the
upper Penn completed

M 10-21-23 Marathon Oil Co, North Indian Basin Unit
No 1 Penn Top, Scouts 7308 Perf 7470-7596

H 14-21-23 Ralph Lowe, Indian Basin B # 1
Penn Top Well Log 7442 Perf 7464-7548

N 17-21-23 Robert N. Enfield, West Indian Basin #1
Penn Top Scouts 7108 Perf 7396-7450

G 19-21-23 J. C. Williamson, Standard Fed #1
Penn Top Scouts 6991 Perf 7066-7270

J 22-21-23 Ralph Lowe, Indian Basin A #1
Penn Top Scouts 7353 Perf 7505-7572

E 23-21-23 Ralph Lowe, Indian Basin #1
Penn Top ^{scouts} 7371 Perf 7375-7508

H 26-21-23 Ralph Lowe, Indian Basin #1 C
Penn Top Scouts 7336 Perf 7366-7416

H 35-21-23 John H. Trigg, Fed CG #1
Penn Top Scout 7341 Perf 7368-7476

G 19-21-24 Pennac Oil Co, Indian Fed #1
Penn Top ? ^{title hole, No info} Perf 7503-7533

M 21-21-24 Ralph Lowe, Indian Hills Unit #1
Penn Top Scouts 7306 Perf 7316-32

if they are all the same pay
but I do not have them..

It is my understanding
that all wells are completed
in Penn lime in the first
300 feet. The eye may be
CISCO, ~~Canyon~~ Canyon or both.

If we need to dig deeper
holler and I'll go after it.

~~Dick~~
Dick

D 32-21-24 Robert G. Hunayen, Teepee Lt #1
PennTop Scouts 7355, OH 5574-7366

D 6-22-24 John H. Trigg, Fed IB #1
PennTop Scouts 7414, F 7430-7554

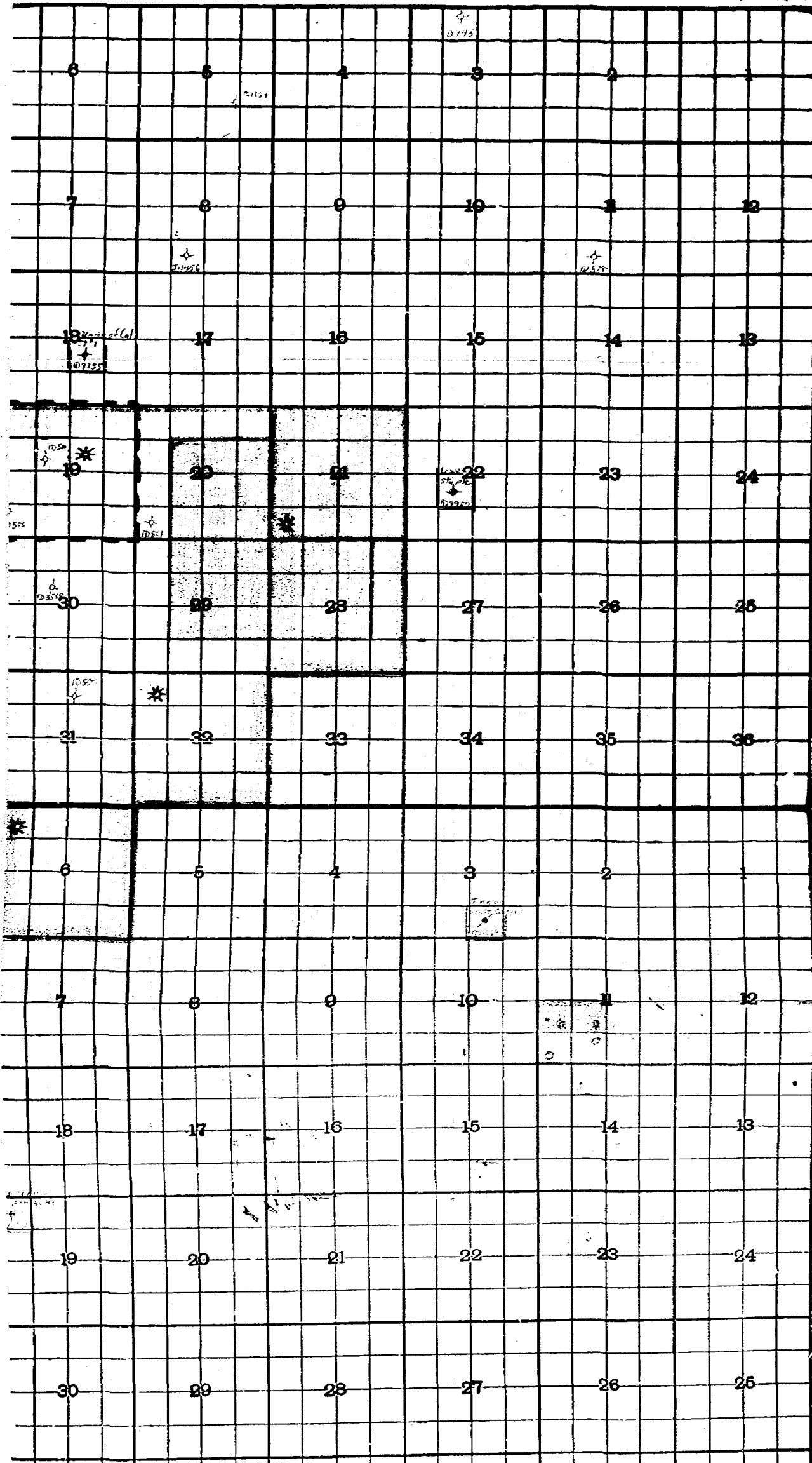
State of New Mexico, County of _____

RECEIVED

MAY 21 1964

Range 24-E

O. C. C.
ARTERIA, OFFICE



Township

21 S

Township

21 S

SW 34 8-01-24
NW 36 18-21-24
NE 34 22-21-24

NW 34 17-21-24
SE 34 23-21-24

Significant Dry Hb.

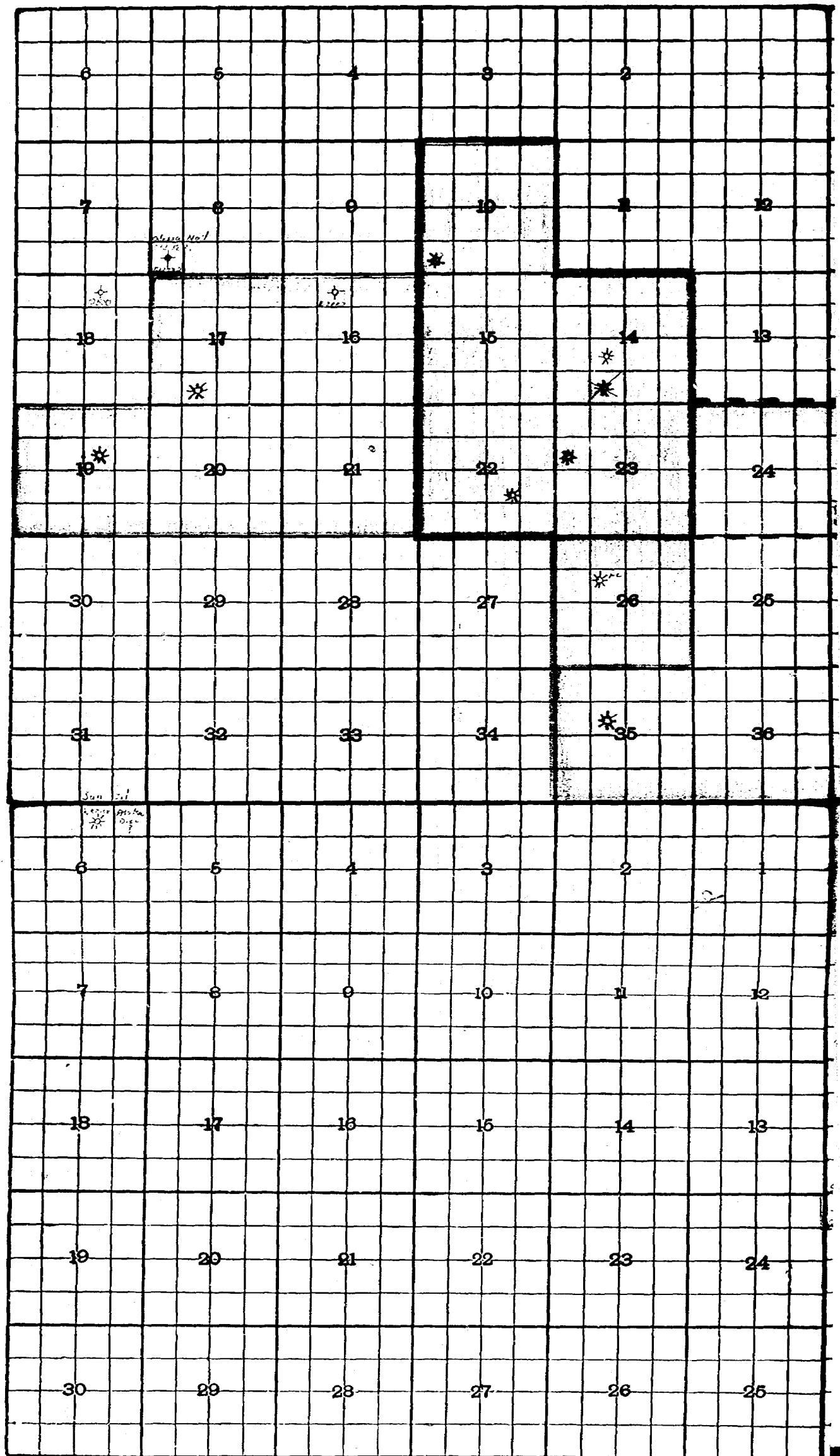
added producer 20-21-23

State of New Mexico, County of _____

Range 23 E

Township _____

Township _____



ADDITION TO NOMENCLATURE ADVERTISEMENT FOR JUNE, 1964
CASE _____

Please add the following two paragraphs to the nomenclature advertisement for June if it is possible to do so.

a) **CREATE** A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production, designated as the North Dogley-Middle Pennsylvanian Pool, with special vertical limits defined as top of pool at -5097 feet subsea and bottom of pool at -5727 feet, and designated as:

WARRANTY 11 SEVEN, RANGE 23 EAST, BLOCK 25: 80/4

b) **CHANGE** the vertical limits of the North Dogley-Upper Pennsylvanian Pool in Lea County, New Mexico, from the original vertical limits defined as top of pool at -4783 feet subsea and bottom of pool at -5727 feet subsea to the new vertical limits defined as top of pool at -4783 feet subsea and bottom of pool at -5997 feet subsea.

*TP Coal & Oil Co
J. P. Collier #1
F-10-11-33*

NOMENCLATURE ADVERTISEMENT FOR JUNE, 1964

CASE 3054

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 Lea and Roosevelt Counties, New Mexico, the contraction of vertical limits of an existing pool in Roosevelt County, New Mexico, and extensions 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, contraction of vertical limits, and extensions should not be made.

a) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for San Andres production, designated as the Bough-San Andres Gas Pool, and described as:

✓ TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 13: SW/4

b) CREATE A new pool in Lea County, New Mexico, classified as a gas pool for Queen production, designated as the Lovington-Queen Gas Pool, and described as:

c) → ✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 14: SE/4

d) CREATE A new pool in Roosevelt County, New Mexico, classified as a gas pool for Atoka production, designated as the South Prairie-Atoka Gas Pool, and described as:

✓ TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: SW/4

f) CONTRACT the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and redesignate the South Prairie-Pennsylvanian Pool as the South Prairie-Cisco Pool.

g) EXTEND the North Benson-Queen-Crayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: NW/4

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

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: E/2
SECTION 21: NE/4

i) EXTEND the ~~Justis~~ Justis-Blinbry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 3: E/2 NE/4

c) Create A ~~new~~ pool in Lea County, New Mexico, classified as an oil pool for Middle Pennsylvanian production designated as the North Bagley-Middle Pennsylvanian Pool, and described as:
Township 11 South, Range 33 East,
Section 10: SW/4

Cont

- (9) ~~(8)~~ Abolish the Indian Hills-Upper Pennsylvanian Gas Pool Eddy Co. NM.
- (12) ~~(11)~~ Extend the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

Township 21 South, Range 23 East ^{N.M.P.M.}

Sections 16 and 17: All

Sections 19 through 21: All

Sections 24 and 25: All

Sections 35 and 36: All

Township 21 S R 24 E N.M.P.M.

Section 19: All

Section 20: $W\frac{1}{2}W\frac{1}{2}$, ~~and~~ $NE\frac{1}{4}NW\frac{1}{4}$, and $N\frac{1}{2}NE\frac{1}{4}$

Section 28: $E\frac{1}{2}E\frac{1}{2}$, $SW\frac{1}{4}SE\frac{1}{4}$, and $S\frac{1}{2}SW\frac{1}{4}$

Section 29: $W\frac{1}{2}W\frac{1}{2}$, $SE\frac{1}{4}SW\frac{1}{4}$, and $S\frac{1}{2}SE\frac{1}{4}$

Sections 30 through 32: All

Township 22 South Range 24 East ^{N.M.P.M.}

Section 6: All

- (12) ~~(11)~~ Extend the Indian Basin - Morrow gas Pool in Eddy County, New Mexico, to include therein:

Township 21 South, Range 23 East N.M.P.M.

Section 24: All

Township 21 South, Range 24 East N.M.P.M.

Section 19: All

-2- June, 1964 Nomenclature

j) EXTEND the Lusk-Strawn Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NW/4 and SE/4

X

k) EXTEND the Maljamar Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 36: NW/4 NE/4

X

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

✓ TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: NE/4
SECTION 15: SE/4

m) EXTEND the East Millman/Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4 NE/4
SECTION 23: N/2 NE/4

X

n) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM
SECTION 24: SE/4
SECTION 25: NE/4 R-2692, S-1-64

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: W/2

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: S/2 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SE/4

p) EXTEND the Weir-Blinchry Pool in Lea County, New Mexico, to include therein:

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: W/2 SE/4

(over)

c cont

with vertical limits defined as being from -5397 feet subsea to -5727 feet subsea in the Texas Pacific Coal & Oil Co. J. P. Collier Well No. 1 located in Unit F of said Section 10.

(2) Contract the vertical limits of the North Bagley Upper Pennsylvanian ~~Co~~ Pool to be from -4783 feet subsea to -5397 feet subsea in the above described J. P. Collier Well No. 1

c) Create A new pool in Lea County

Township 11 South, Range 33 East NMPN
Section 10: SW/4

with vertical limits

GOVERNOR
JACK M. CAMPBELL
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
E. B. JOHNNY WALKER
MEMBER

P. O. DRAWER 80
ARTESIA, NEW MEXICO

May 19, 1964

STATE GEOLOGIST
A. L. PORTER, JR.
SECRETARY - DIRECTOR

D. S. Nutter
Chief Engineer
N.M. Oil Conservation Commission
P. O. Box 2088
Santa Fe, New Mexico 87501

Re: Indian Basin Upper
Pennsylvanian Gas,
Indian Basin-Morrow Gas,
Indian Hills Upper-
Pennsylvanian Gas Pools

Dear Dan:

I received your note referring to the subject pools today. Perhaps an explanation of the procedure used to prepare nomenclature extensions etc. will show why this area has not been "kept up to date". Whenever a C-104 or C-122 is filed on an undesignated or wildcat oil or gas well I make out a "Reference Sheet for Undesignated Wells" and file the same alphabetically in a loose leaf note book, see attached sheet. These sheets are used monthly or bi-monthly, depending on volume and importance, to prepare the nomenclature ad. I have received virtually no C-104's or C-122 for wells in the Indian Basin area and therefore, have had no official records from which to prepare an ad. However, referring to scout tickets I would recommend the following changes in nomenclature:

Abolish the Indian Hills-Upper Pennsylvanian Gas Pool (the area to be included in the Indian Basin-Upper Pennsylvanian-Gas Pool).

Extend the Indian Basin-Upper Pennsylvanian Gas Pool to include:

T21S-R23E

Section 16, 17, 19, 20, 21, 24, 25, 35, 36 All

T21S-R24E

Section 19, 20, 21, 28, 29, 30, 31, 32 All

*File
Case 3054*

-2-

FIELD OFFICE CCG

Dan Nutter

1964 MAY 20 AM 8:33

T-22S-R24E

Section 6, All

Based on the following Upper Penn. completions, *Robert N. Enfield, W. Indian Basin Unit 1-N, 17-21-23, Odessa Natural Gasoline Co., J.C. Williamson-Standard Federal #1-G, 19-21-23, John H. Trigg, Federal CJ, #1-F, 35-21-23, Penroc Oil Company, Indian Federal #1-G, 19-21-24, Robert G. Hanagan, Tepee State #1-D, 32-21-24, *John H. Trigg, Federal IB, #1-D, 6-22-24, *We have received completion information.

Extend the Indian Basin-Morrow Gas Pool to include:

T21S-R23E

Section 24: All

T21S-R24E

Section 19: All

Based on the following Morrow Completion:
Penroc Oil Co., Indian Federal #1-G, 19-21-24

If any or all of these changes meet with your approval you may, I hope, add them to the June Docket. I intend to be on vacation in July so June would be the best month for these changes if possible.

Very truly yours,



R. L. Stamets

RLS/jw

REFERENCE SHEET FOR UNDESIGNATED WELLS

LAND OFFICE GOC

1964 MAY 20 AM 11:33

Pool Name _____

Date _____ (Eddy)(Chaves) County (Oil)(Gas)

Lease _____ Well No. _____ Unit _____ Sec. _____ T _____ R _____

Footage Location _____ Formation _____

Perforated Interval _____

Open Hole Interval _____

Completion date _____ I.P. _____

Creation _____ Extension _____

C-123 requested _____ C-123 Filed _____

Nomenclature requested on C-123 _____

Advertised for _____ Hearing

Operator _____

Address _____

Remarks _____

CASE 3054: Southeastern New Mexico nomenclature case calling for an order for the creation, abolishment, contraction of vertical limits, and extension of certain pools in Eddy, Lea, and Roosevelt Counties, New Mexico.

a) CREATE a new oil pool for Pennsylvanian production in Lea County, New Mexico, designated as the North Bagley-Middle Pennsylvanian Pool, comprising the SW/4 of Section 10, Township 11 South, Range 33 East, with the vertical limits thereof described as being top of pool at -5397 feet subsea and bottom of pool at -5727 feet subsea as depicted on the log of Texas Pacific Oil Company's J. P. Collier Well No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East.

ADDITION-----TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: NW/4

b) CREATE a new gas pool for San Andres production in Lea County, New Mexico, designated as the Bough-San Andres Gas Pool, and described as:

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMPM
SECTION 13: SW/4

c) CREATE a new gas pool for Queen production in Lea County, New Mexico, designated as the Lovington-Queen Gas Pool, and described as:

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 14: SE/4

d) CREATE a new gas pool for Atoka production in Roosevelt County, New Mexico, designated as the South Prairie-Atoka Gas Pool, and described as:

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: SW/4

e) ABOLISH the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, described as:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 20: SE/4, S/2 NE/4, E/2 SW/4, SE/4 NW/4
SECTION 21: All
SECTION 28: NW/4, W/2 NE/4, N/2 SW/4, NW/4 SE/4
SECTION 29: NE/4, E/2 NW/4, N/2 SE/4, NE/4 SW/4

f) CONTRACT the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to be described as being top of pool at -4783 feet subsea and bottom of pool at -5397 feet subsea as depicted on the log of Texas Pacific Oil Company's J. P. Collier Well No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East.

g) EXTEND the North Benson-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: NW/4

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

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: E/2
SECTION 21: NE/4
ADDITION-----SECTION 16: SW/4

i) EXTEND the Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM
SECTION 24: All

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 19: All

j) EXTEND the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, to include therein:

SECTION 24: All
SECTION 25: All
SECTION 35: All
SECTION 36: All

TOWNSHIP 21 SOUTH, RANGE 21 EAST, NMPM
SECTION 19: All
SECTION 20: All
SECTION 21: All
SECTION 28: All
SECTION 29: All
SECTION 30: All
SECTION 31: All
SECTION 32: All

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
SECTION 6: All

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

TOWNSHIP 25 SOUTH, RANGE 37 EAST, NMPM
SECTION 3: E/2 NE/4

l) EXTEND the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NW/4 and SE/4

ADDITION-----TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: W/2

m) EXTEND the Maljamar Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 36: NW/4 NE/4

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

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: NE/4
SECTION 15: SE/4

o) EXTEND the East Millman-Queen-Grayburg Pool in Eddy County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4 NE/4
SECTION 23: N/2 NE/4

p) EXTEND the Pearl-Queen Pool in Lea County, New Mexico, to include therein:

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: NE/4

q) CONTRACT the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and redesignate the South Prairie-Pennsylvanian Pool to the South Prairie-Cisco Pool.

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: W/2

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: S/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SE/4

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

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: W/2 SE/4
ADDITIONS-----SECTION 15: SW/4
SECTION 22: NW/4

NEW POOLS

C ~~It~~ It is recommended that a new oil pool be created and designated as the NORTH BAGLEY-MIDDLE PENNSYLVANIAN Pool. *Top of pool at -5397 feet subsea and bottom of pool at -5727 feet subsea.

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

Discovery well was Texas Pacific Oil Company - J. P. Collier #1 located in Unit F Section 10 Township 11 Range 33 and was completed on

May 16, 1964 ~~with an initial production of 100 barrels per day~~ Top of perforations is at 9862 feet. Type Log: Texas Pacific Oil Company, J. P. Collier #1-F, Section 10-T11S-R33E.

A ~~It~~ It is recommended that a new gas pool be created and designated as the BOUGH-SAN ANDRES GAS Pool.

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

Discovery well was Pan American Petroleum Corporation - Federal "A" #1 located in Unit N Section 13 Township 9 Range 35 and was completed on

January 18, 1964 ~~with an initial production of 100 barrels per day~~ Top of perforations is at 4746 feet.

B ~~It~~ It is recommended that a new gas pool be created and designated as the LOVINGTON-QUEEN GAS Pool.

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

Discovery well was Sunray DX Oil Company - New Mexico State AL #1 located in Unit I Section 14 Township 17 Range 36 and was completed on

August 13, 1963 ~~with an initial production of 100 barrels per day~~ Top of perforations is at 4300 feet.

NEW POOLS

E It is recommended that a new gas pool be created and designated as the SOUTH PRAIRIE-ATOKA GAS Pool.

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

Discovery well was Lone Star Producing Company - Federal New Mexico "B" #1 located in Unit M Section 21 Township 8 Range 36 and was completed on February 10, 1964 ~~with an initial potential of 12,057 BOPD/MCFGPD~~ Top of perforations is at 12,057 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 _____ with an initial potential of _____ BOPD/MCFGPD. Top of perforations is at _____ 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 _____ with an initial potential of _____ BOPD/MCFGPD. Top of perforations is at _____ feet.

CASE 3054: ~~A~~ CREATION OF A NEW GAS POOL

County LEA Pool BOUGH-SAN ANDRES GAS

Township 9 South Range 35 East NMPM

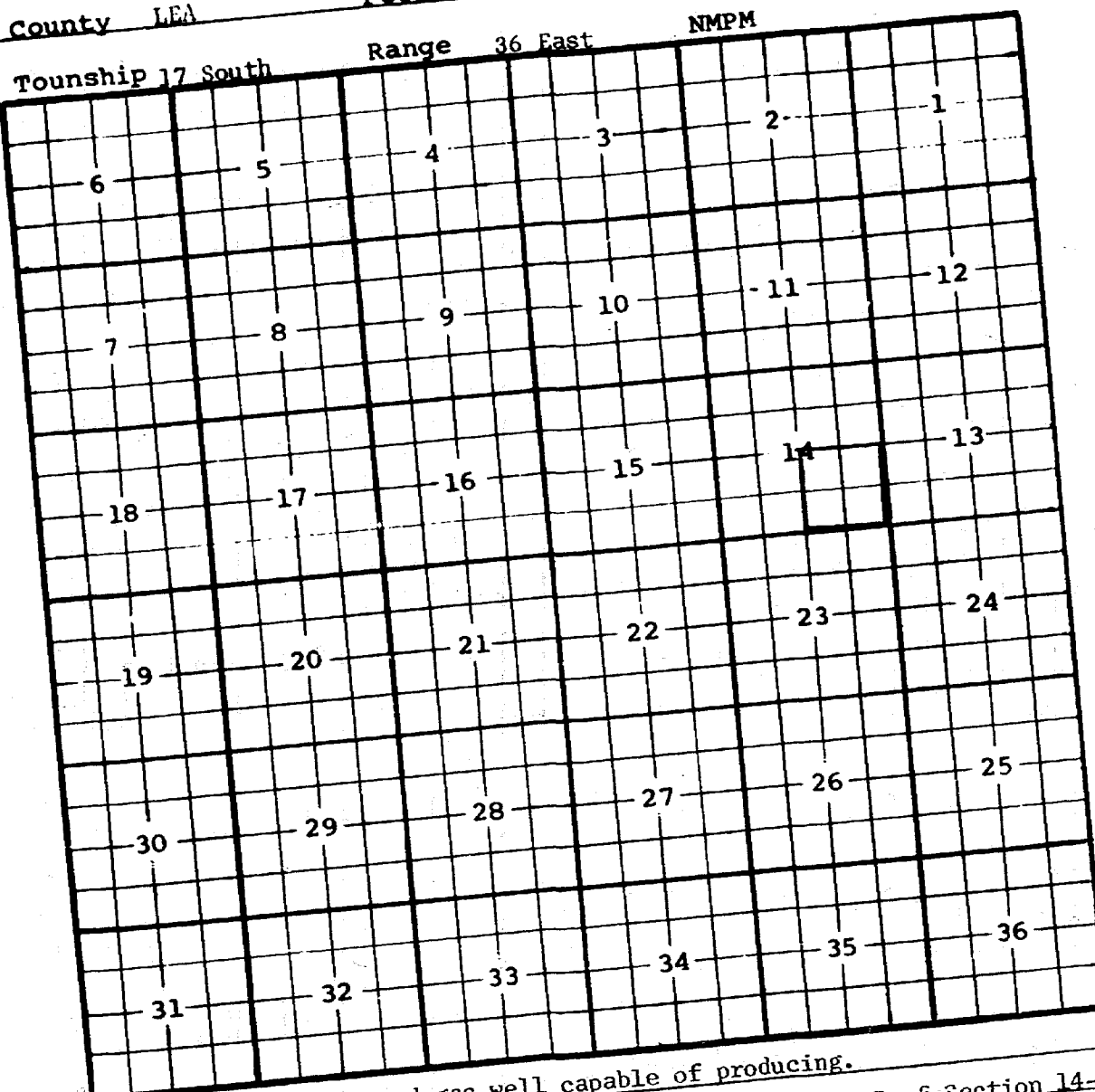
6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

PURPOSE: One completed gas well capable of producing.

PAN AMERICAN PETROLEUM CORPORATION - Federal "A" #1 in Unit N of Section 13-9-35. Completed in San Andres on January 18, 1964. Top of Perforations 4746'.

Proposed pool boundary colored in red. SECTION 13: SW/4

CASE 3054: 63 CREATION OF A NEW GAS POOL
County LEA Pool LOVINGTON-QUEEN GAS



PURPOSE: One completed gas well capable of producing.
SUNRAY DX OIL COMPANY - New Mexico State AL #1 in Unit I of Section 14-
17-36. Completed in Queen on August 13, 1963. Top of Perforations 4300'.
Proposed pool boundary colored in red. SECTION 14: SE/4

CASE 3054: CB CREATION OF A NEW OIL POOL

COUNTY LEA POOL NORTH BAGLEY-MIDDLE PENNSYLVANIAN

TOWNSHIP 11 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: One completed oil well capable of producing.

TEXAS PACIFIC OIL COMPANY - J. P. Collier #1 in Unit F of Section 10-11-33. Completed in Middle Pennsylvanian on May 16, 1964. Top of Perforations 9862'.

SPECIAL VERTICAL LIMITS - Top of pool at -5397 feet subsea and bottom of pool at -5727 feet subsea.

Type Log - Texas Pacific Oil Company, J. P. Collier #1-F in Section 10-11-33.

Proposed pool boundary colored in red. SECTION 10: SW/4 ✓

ADDITION---SECTION 10: NW/4 ✓

CASE 3054: (D) CONTRACTION OF VERTICAL LIMITS OF AN EXISTING OIL POOL
COUNTY LEA POOL NORTH BAGLEY-UPPER PENNSYLVANIAN

TOWNSHIP	11 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: Change vertical limits of above pool because of new oil discovery which is well separated from this pay zone.

SPECIAL VERTICAL LIMITS - Top of pool at -4783 feet subsea and bottom of pool at -5397 feet subsea.

Type Log - Texas Pacific Oil Company, J. P. Collier #1 in Unit F of Section 10-11-33.

Pool boundary colored in red.

CASE 3054: (d) CREATION OF A NEW GAS POOL.

County ROOSEVELT Pool SOUTH PRAIRIE-ATOKA GAS

Township 8 South Range 36 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.

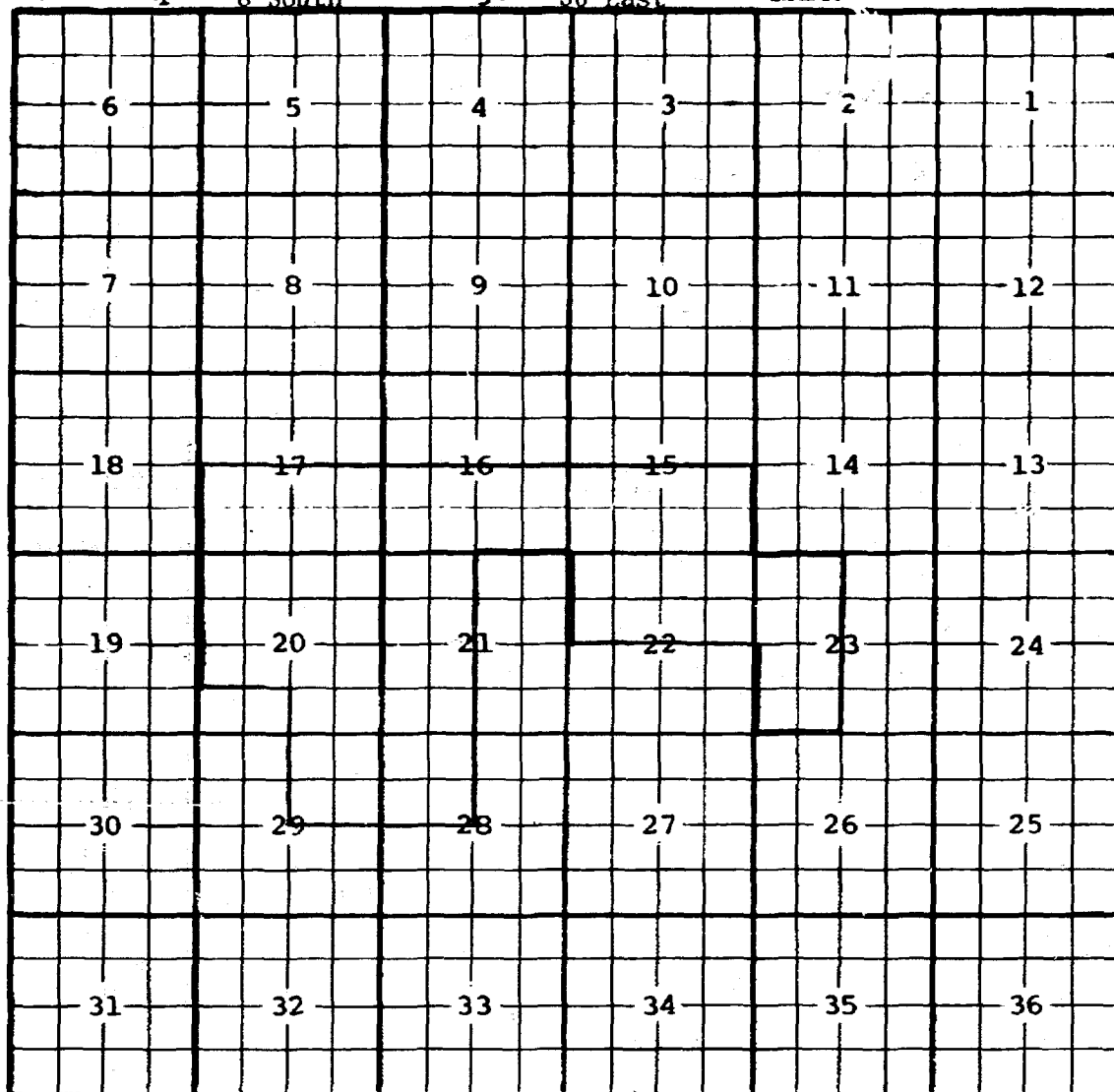
LONE STAR PRODUCING COMPANY - Federal New Mexico "B" #1 in Unit M of
Section 21-8-36. Completed in Atoka on February 10, 1964. Top of
Perforations 12,057'.

Proposed pool boundary colored in red. SECTION 21: SW/4

CASE 3054: (A) CONTRACTION OF VERTICAL LIMITS OF AN EXISTING OIL POOL

County ROOSEVELT Pool SOUTH PRAIRIE-PENNSYLVANIAN CHANGED TO
SOUTH PRAIRIE-CISCO

Township 8 South Range 36 East NMPN.



PURPOSE: To contract vertical limits of pool because of new gas pool
discovery in Atoka formation below this pool.

Pool boundary colored in red.

CASE 3054: (g) EXTENSION OF AN EXISTING OIL POOL

COUNTY

Eddy

POOL

North Benson-Queen-Gbr.

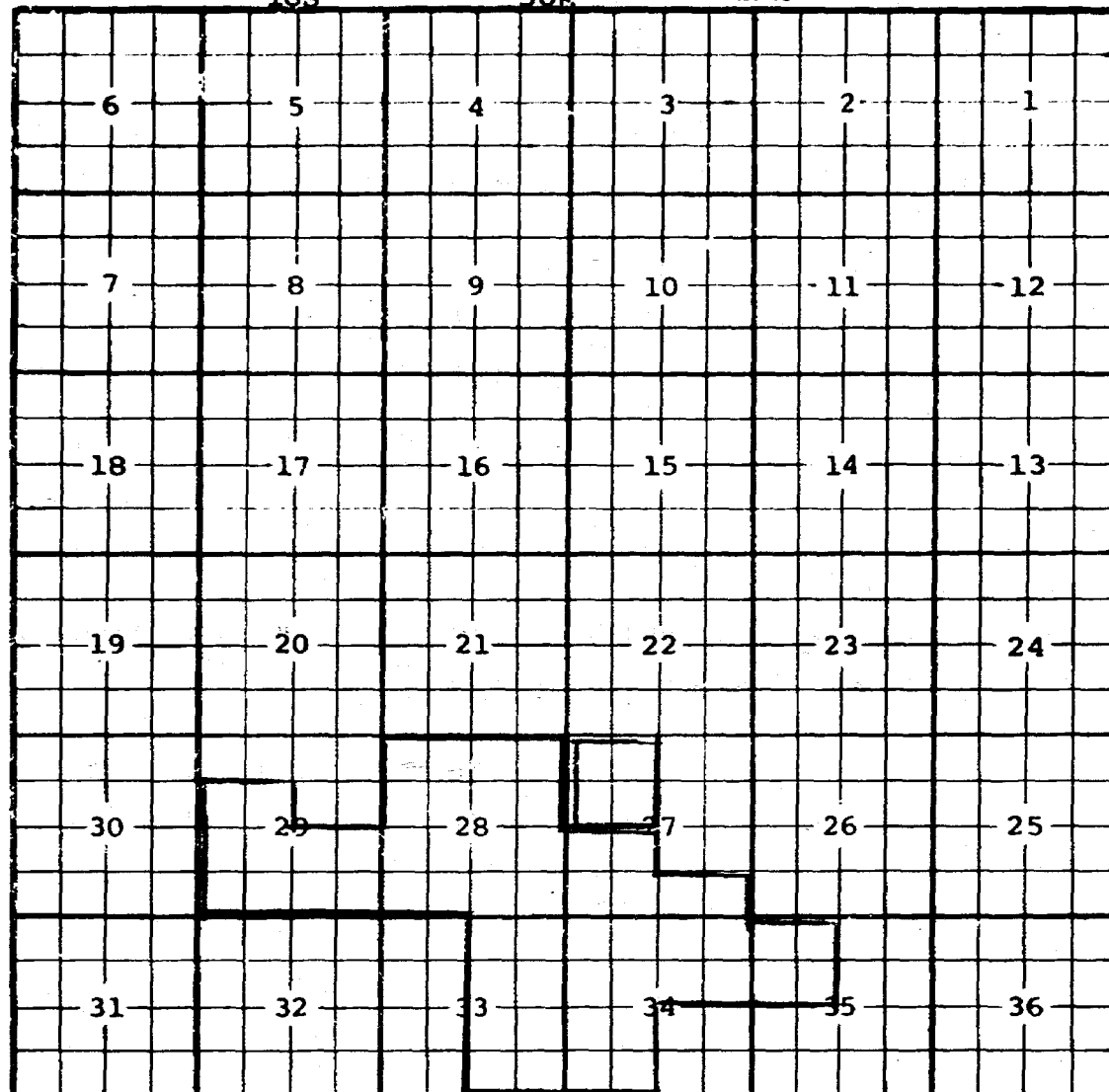
TOWNSHIP

18S

RANGE

30E

NMPM



Purpose: One completed oil well capable of producing.

Texaco Inc. L. R. Manning B (NCT-1) well #16-in unit E of sec. 27-18-30. Completed in Queen-Gbr. April 7, 1964, through perforations 2813-3353'.

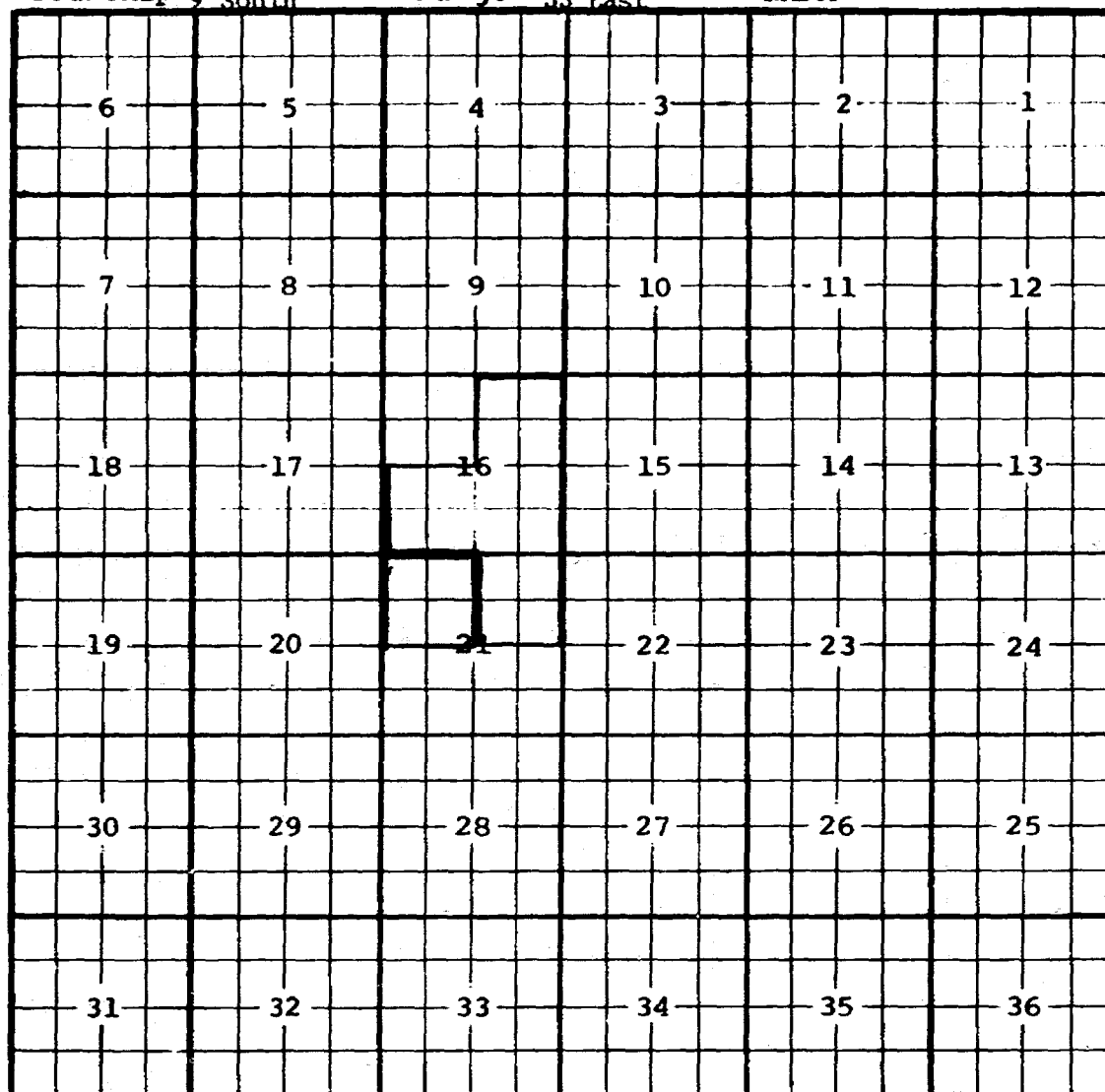
Pool boundary colored in red.

Proposed extensions colored in green. Section 27⁴ NW/4

CASE 3054: (h) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool FLYING "M"-SAN ANDRES

Township 9 South Range 33 East NMPM



PURPOSE: One completed oil well capable of producing.

COASTAL STATES GAS PRODUCING COMPANY - Redfern State #1 in Unit G of Section 16-9-33. Completed in San Andres on April 19, 1964. Top of Perforations 4499'.

ADDITION--COASTAL STATES GAS PRODUCING COMPANY - Flying M State #1-16 in Unit N of Section 16-9-33. Completed in San Andres on May 11, 1964. Top of Perforations 4491'.

Pool boundary colored in red.

Proposed pool extensions colored in green. SECTION 16: E/2

SECTION 21: NE/4

ADDITION-----SECTION 16: SW/4

CASE 3054: (F) EXTENSION OF AN EXISTING OIL POOL

County LEA Pool JUSTIS-BLINEBRY

Township 25 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.

TEXACO, INC. - C. C. F. Istoe A NCT-2 #7 in Unit A of Section 3-25-37.

Completed in Blinebry on March 20, 1964. Top of Perforations 5696'.

Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 3: E/2 NE/4

CASE 3054: J EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

COUNTY

Eddy

POOL

Lusk-Strawn

TOWNSHIP

19S

RANGE

31E

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.

Delhi-Taylor Oil Corp. Jones A Fed. #2 in unit I of Sec. 25-19-31.

Completed in Strawn March 19, 1964 through perforations 11,402' to 11,412'.

Delhi Taylor Oil Corp. Jones A. Fed. #3 in unit C of sec. 25-19-31,

Completed in Strawn April 18, 1964 through perforations 11,422-11,432'

Pool boundary colored in red.

Proposed extensions colored in green. Sec. 25: NW/4 & SE/4

CASE 3054: (1) EXTENSION OF AN EXISTING OIL POOL (Continued)

County LEA Pool LUSK-STRAWN

Township 19 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

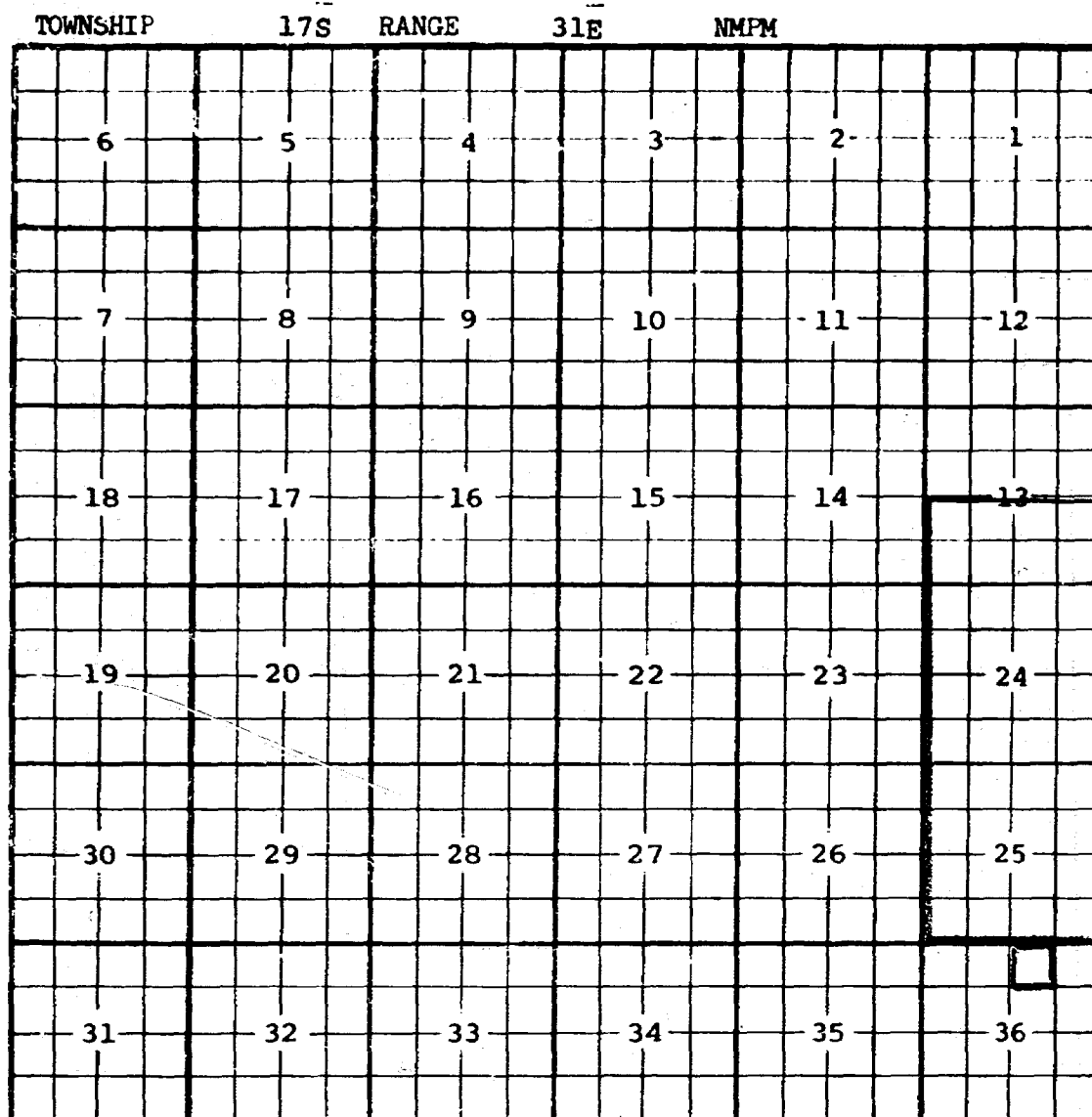
PURPOSE: As stated on preceding page, paragraph (1), Exhibit I.

ADDITION--PAN AMERICAN PETROLEUM CORPORATION - Plains Unit #1 in Unit D
of Section 27-19-32. Completed in Strawn on April 1, 1964.
Top of Perforations 11,596'.

Pool boundary colored in red.

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

CASE 3054: ~~(K)~~ EXTENSION OF AN EXISTING OIL POOL
COUNTY Eddy POOL Maljamar



Purpose: One completed oil well capable of producing.

Tex Star Oil & Gas Corp. Maljamar St. #1 in unit B of Sec. 36-17-31.

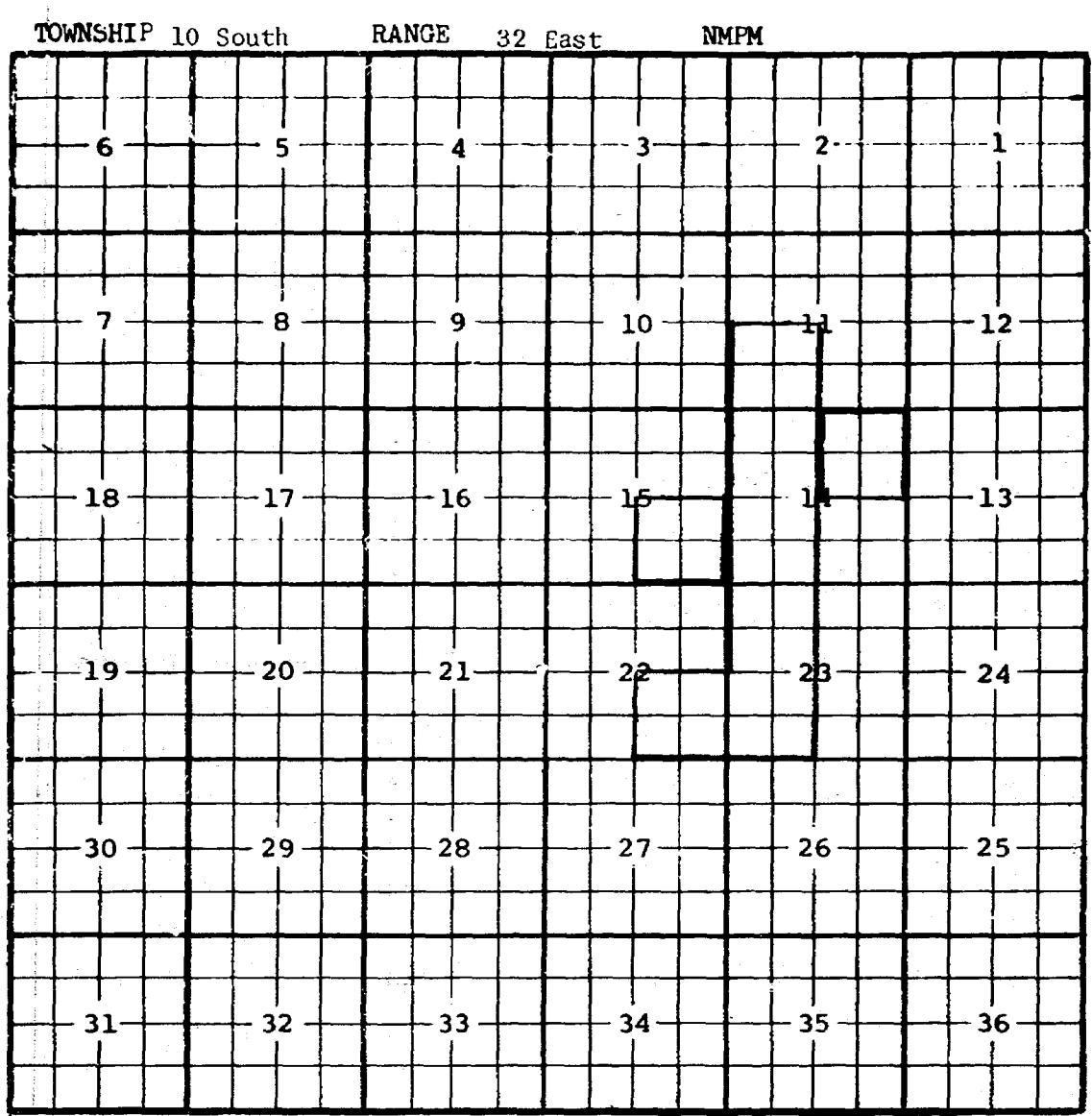
Completed in Gbr. April 24, 1964, through perforations 3921' to 3976'.

Pool boundary colored in Red.

Proposed extension colored in green. Sec. 36: NW/4 NE/4

(9)

CASE 3054: ~~AM~~ EXTENSION OF AN EXISTING OIL POOL
COUNTY LEA POOL Mescalero-SAN ANDRES



PURPOSE: Two completed oil wells capable of producing.

SOCONY MOBIL OIL COMPANY, INC. - State BB #1 in Unit B of Section 14-10-32. Completed in San Andres on April 1, 1964. Top of Perforations 4122'.

I. W. LOVELADY - White #1 in Unit P of Section 15-10-32. Completed in San Andres on April 2, 1964. Top of Perforations 4138'.

Pool boundary colored in red.

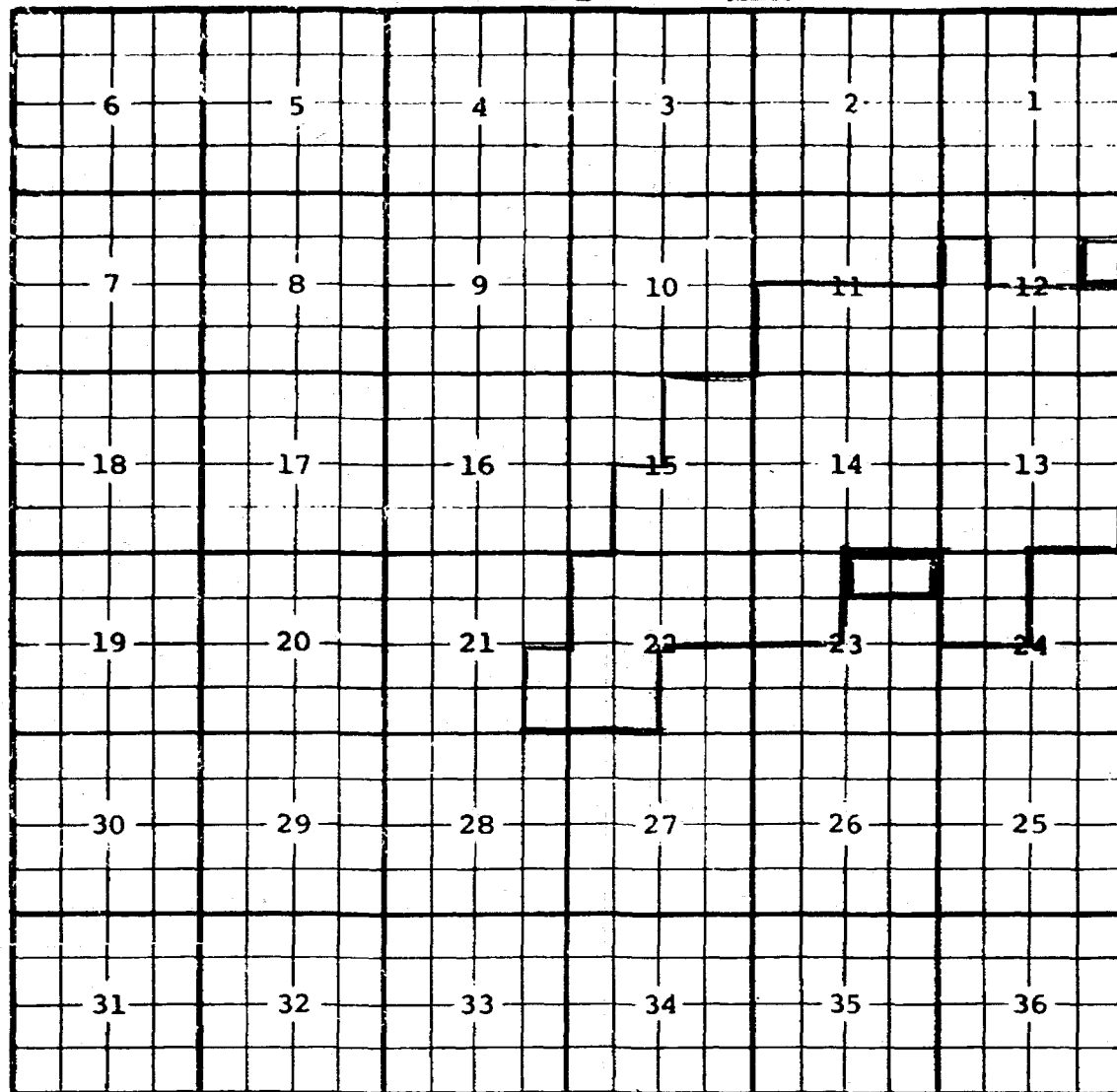
Proposed pool extensions colored in green. SECTION 14: NE/4

SECTION 15: SE/4

CASE 3054: (A) EXTENSION OF AN EXISTING OIL POOL

COUNTY Eddy POOL East Millman-Queen-Grayburg

TOWNSHIP 19S RANGE 28E NMPM



Purpose: Two completed oil wells capable of producing.

Kersey & Co. Bass #2 in unit H of Sec. 12-19S-28E, completed in

Gbr. March 28, 1964, through perforations 2166' to 2238'.

International Yates Malco St. #6 in unit B of Sec. 23-19-28,

Completed in Queen-Gbr. March 9, 1964, through perforations 2172'-
2198'.

Pool boundary colored in red.

Proposed extensions colored in green Sec. 12: SE/4 NE/4

Sec. 23: N/2 NE/4

CASE 3054: 26 EXTENSION OF AN EXISTING OIL POOL

COUNTY LLA

POOL PEARL-QUEEN

TOWNSHIP

19 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: Two completed oil wells capable of producing.

ERNEST A. HANSON - Mescalero Ridge Unit Federal #3-35 in Unit H of
Section 35-19-34. Completed in Queen on March 1, 1964. Top of Perfora-
tions 4569'.

ERNEST A. HANSON - Mescalero Ridge Unit #4-35 in Unit G of Section 35-
19-34. Completed in Queen on March 15, 1964. Top of Perforations 4579'.
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 35: NE/4

CASE 3054: () EXTENSION OF AN EXISTING OIL POOL (Continued on next page)

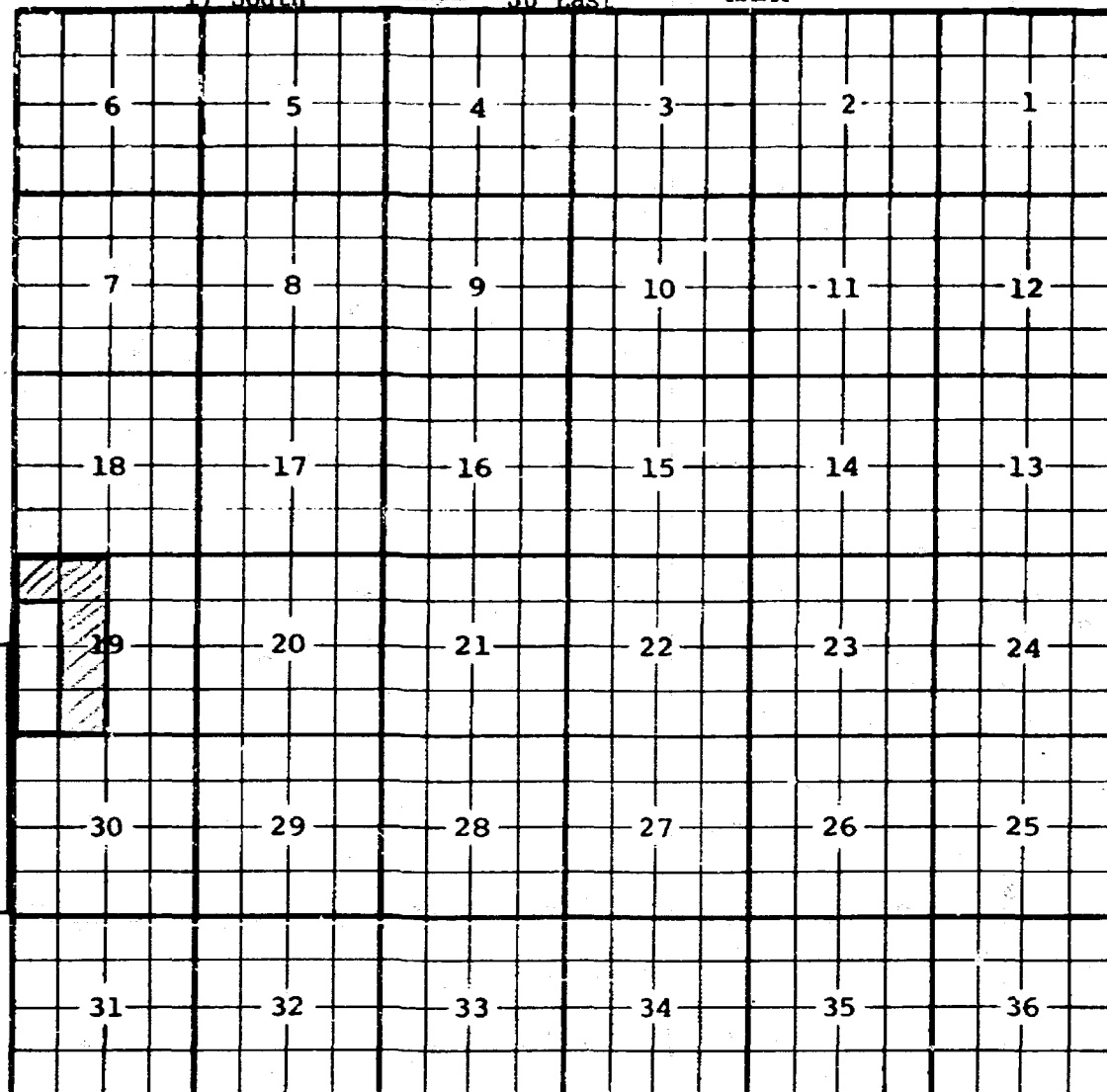
COUNTY LEA

POOL VACUUM-ABO REEF

TOWNSHIP 17 South

RANGE 36 East

NMPM



PURPOSE: Three completed oil wells capable of producing.

FEATHERSTONE DEVELOPMENT CORPORATION - Sun State #1 in Unit E of Section 19-17-36. Completed in Abo on April 11, 1964. Top of Perforations 8743'.

Pool boundary colored in red.

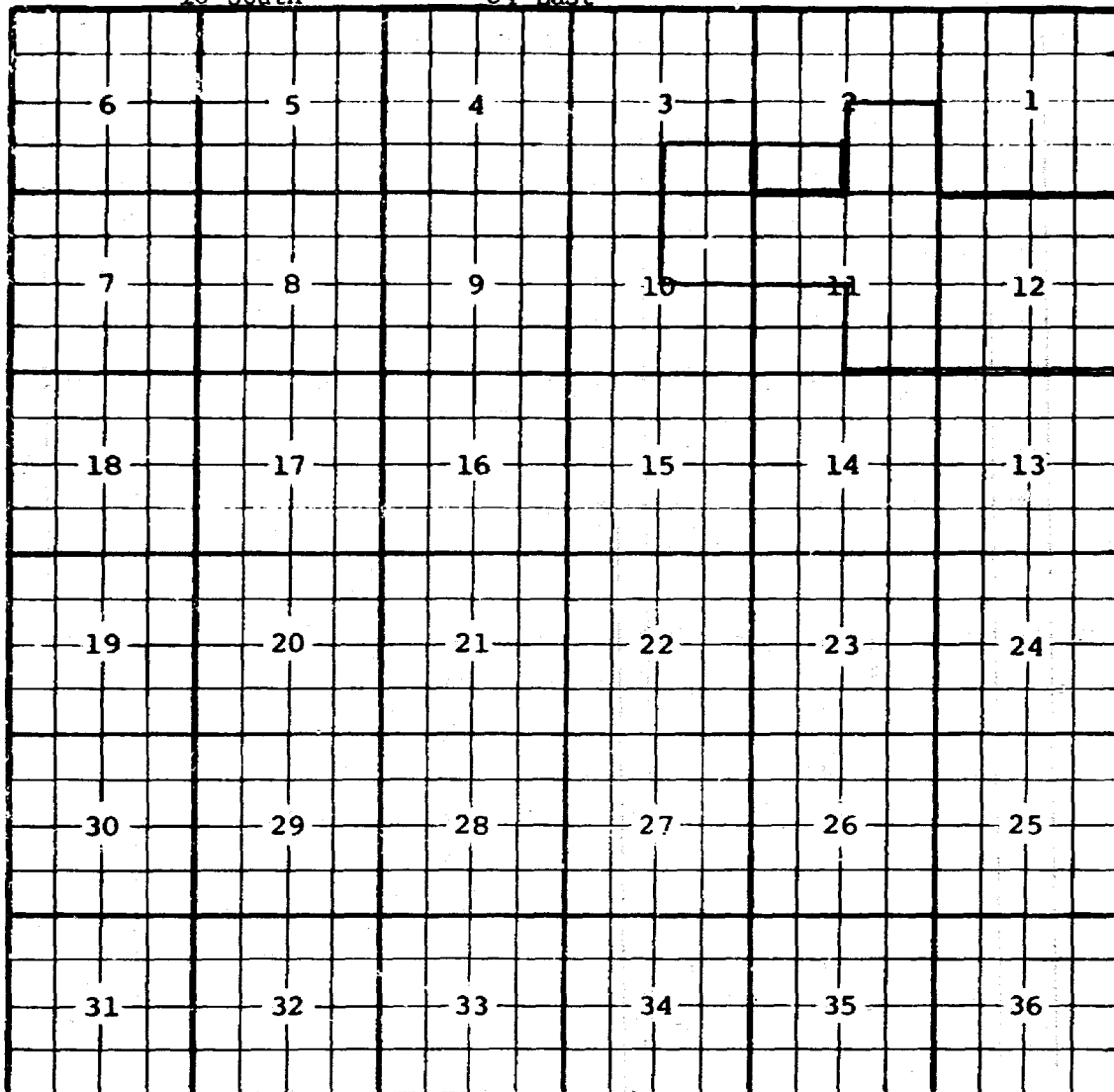
Proposed pool extension colored in green. SECTION 19: ~~W/2~~

SW/4 NW/4 SW/4
W/2 SW/4

CASE 3054: (r) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VACUUM-ABO REEF

TOWNSHIP 18 South RANGE 34 East NMPM



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

TEXACO, INC. - State of New Mexico "AC" NCT-1 #9 in Unit N of Section 2-18-34. Completed in Abo Reef on April 15, 1964. Top of Perforations 8688'.

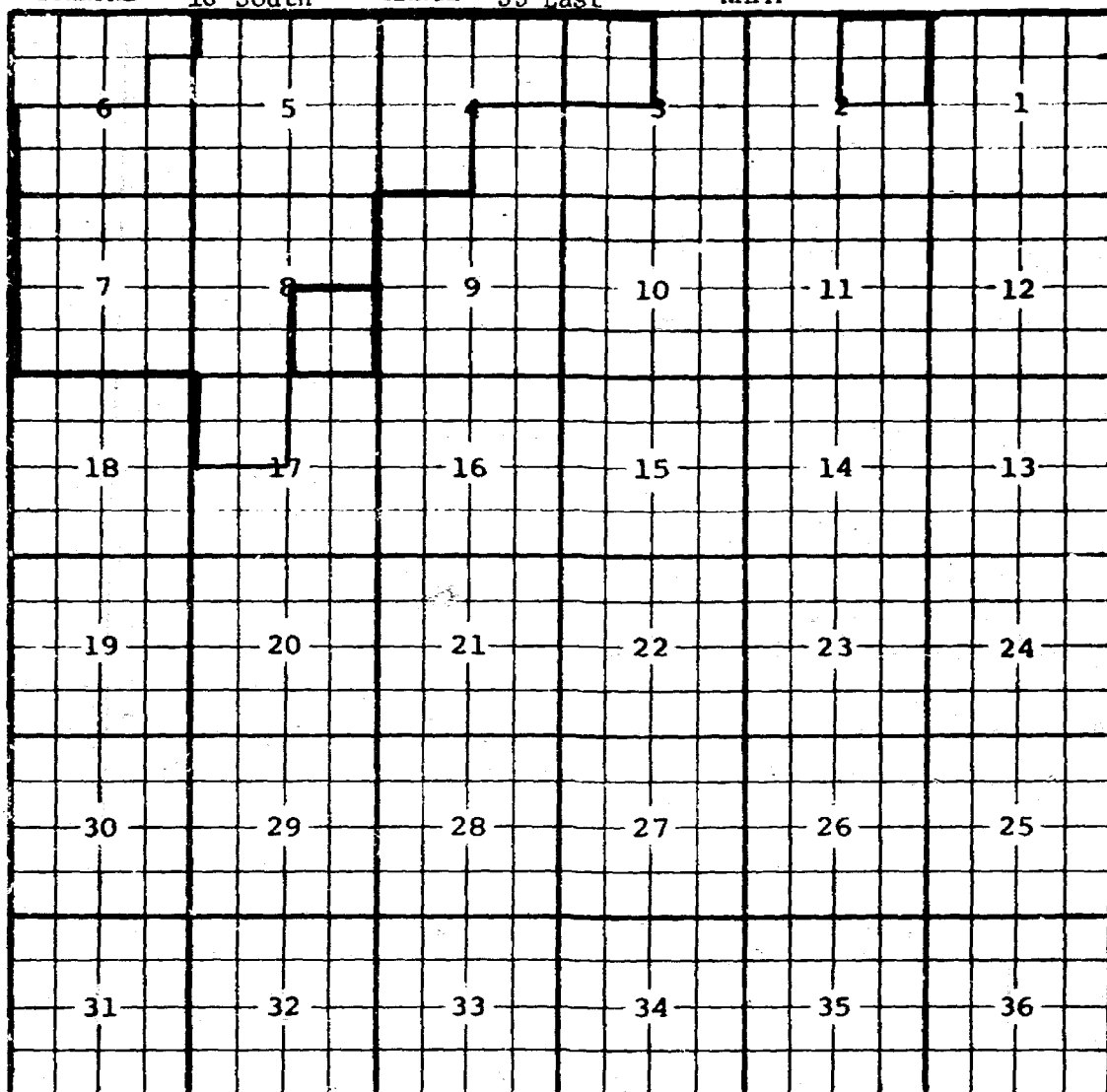
Pool boundary colored in red.

Proposed pool extension colored in green. SECTION 2: 3/2 SW/4

CASE 3054: (F) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VACUUM-ABO REEF

TOWNSHIP 18 South RANGE 35 East NMPM



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

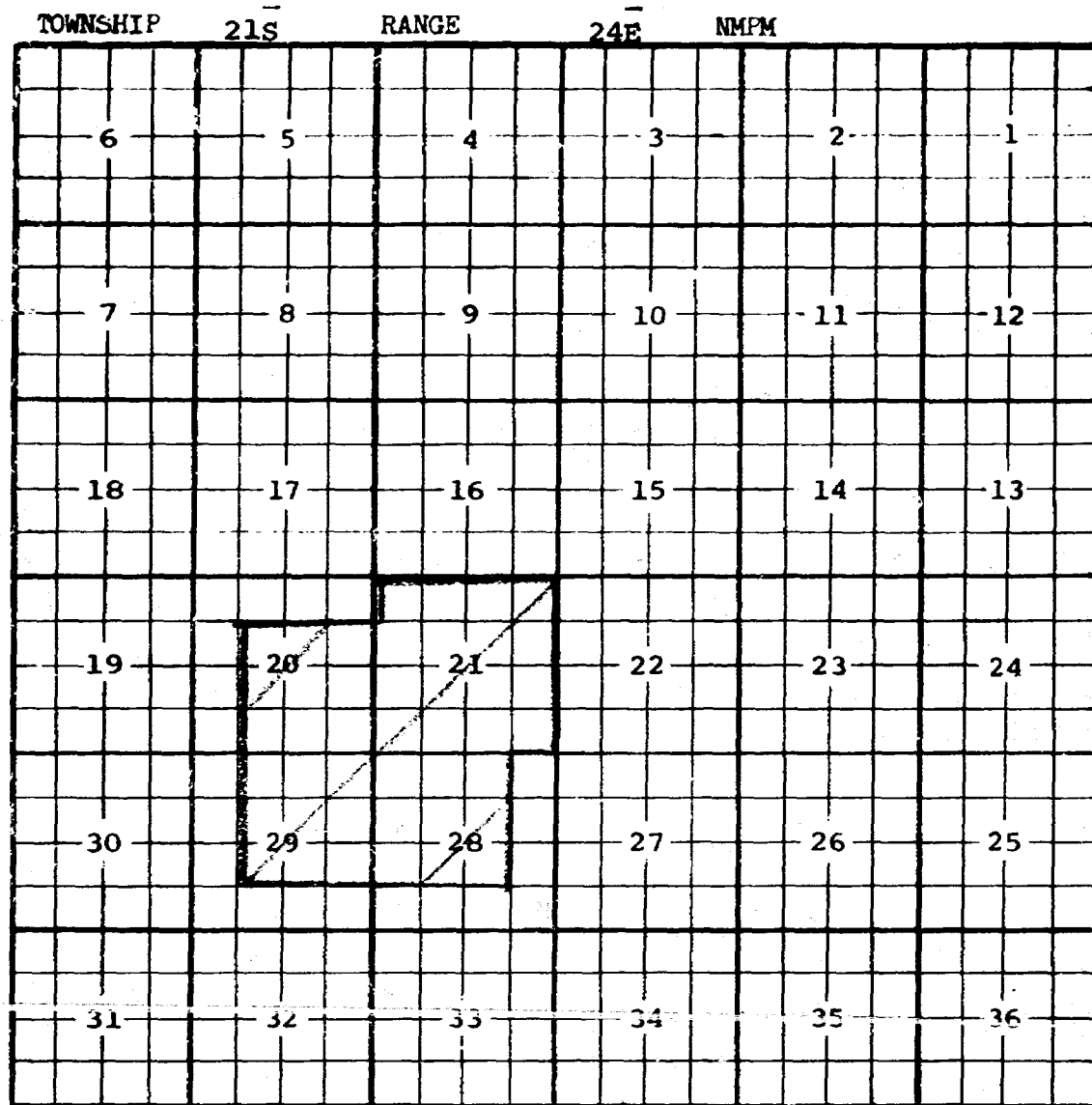
TEXAS PACIFIC OIL COMPANY - State "AF" #2 in Unit O of Section 8-18-35.

Completed in Abo Reef on April 3, 1964. Top of Perforations 9053'.

Pool boundary colored in red.

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

ABOLISHMENT OF AN EXISTING GAS POOL CASE 3054: (C)
COUNTY Eddy POOL Indian Hills-Upper Pennsylvanian Gas



Purpose: To abolish the Indian Hills-Upper Pennsylvanian Gas Pool
in order that the acreage included therein may be placed in the
Indian Basin-Upper Pennsylvanian Gas Pool.

Proposed abolishment colored in blue.

Sec. 20: SE/4, S/2 NE/4, E/2 SW/4, SE/4 NW/4,

Sec. 21: All

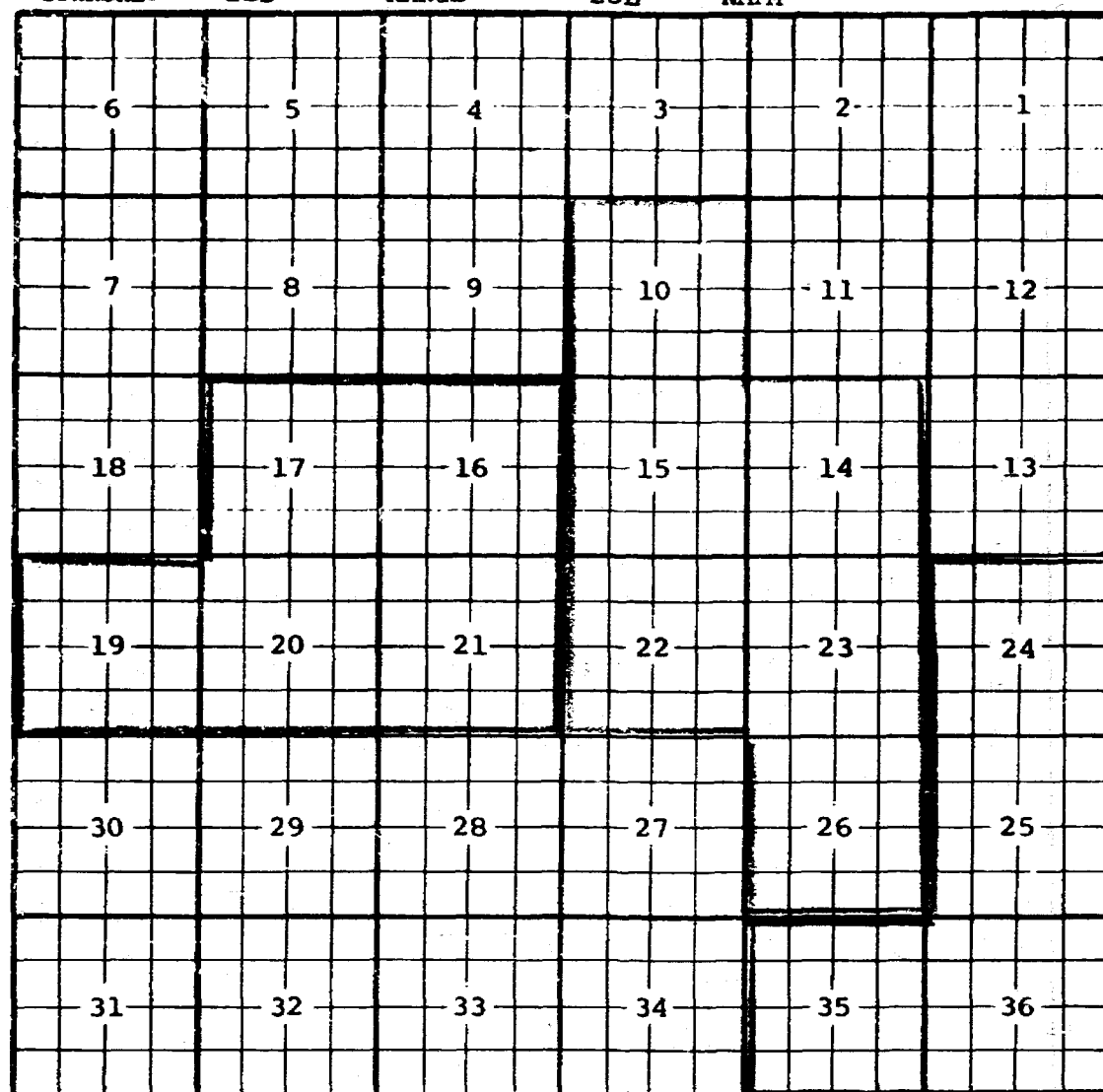
Sec. 28: NW/4, W/2 NE/4, N/2 SW/4, NW/4 SE/4,

Sec. 29: NE/4, E/2 NW/4, N/2 SE/4, NE/4 SW/4,

CASE 3054: (i) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy POOL Indian Basin-Upper Pennsylvanian Gas

TOWNSHIP 21S RANGE 23E NMPM



Purpose: Six completed gas wells capable of producing and to take in acreage formerly included in the Indian Hills-Upper Pennsylvanian Gas Pool.

Robert N. Enfield West Indian Basin Unit #1 in unit N of Sec. 17-21-23. Completed in Upper Penn. May 4, 1964 through perforations 7396' to 7450'
Odessa Nat'l. Gasoline Co. J.C. Williamson Stand. Fed. #1 in unit G of Sec. 19-21-23. Completed in Upper Penn. Jan. 20, 1962 through perforations 7060' to 7270'.

John H. Trigg Fed. C. J. #1 in unit F of Sec. 35-21-23, completed in Upper Penn. April 25, 1964 through perforations 7360' to 7476'

Pool boundary colored in red.

Proposed extensions colored in green. Sec. 16, 17, 19, 20, 21, 24, 25, 35, 36

Al. v

CASE 3054: (A) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Indian Basin Upper Pennsylvanian Gas

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

Purpose: As stated on page one of this exhibit.

Penroc Oil Corp. Indian Fed. #1 in unit G of Sec. 19-21-24.
Completed in Upper Penn Fed. 2, 1964 through perforations 7503' to 7533'

Robert G. Hanagan Teepee St. #1 in unit D of Sec. 32-21-24.
Completed upper Penn, Jan. 23, 1964 in open hole from 5574' to 7366'.

Proposed extensions colored in green. Sec. 19, 20, 21, 28, 29, 30, 31, 32 All.

CASE 3054:

(A) EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY

Eddy

POOL

Indian Basin Upper Pennsylvanian Gas

TOWNSHIP

22S

RANGE

24E

NMPM

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

Purpose: As stated on page one of this exhibit.

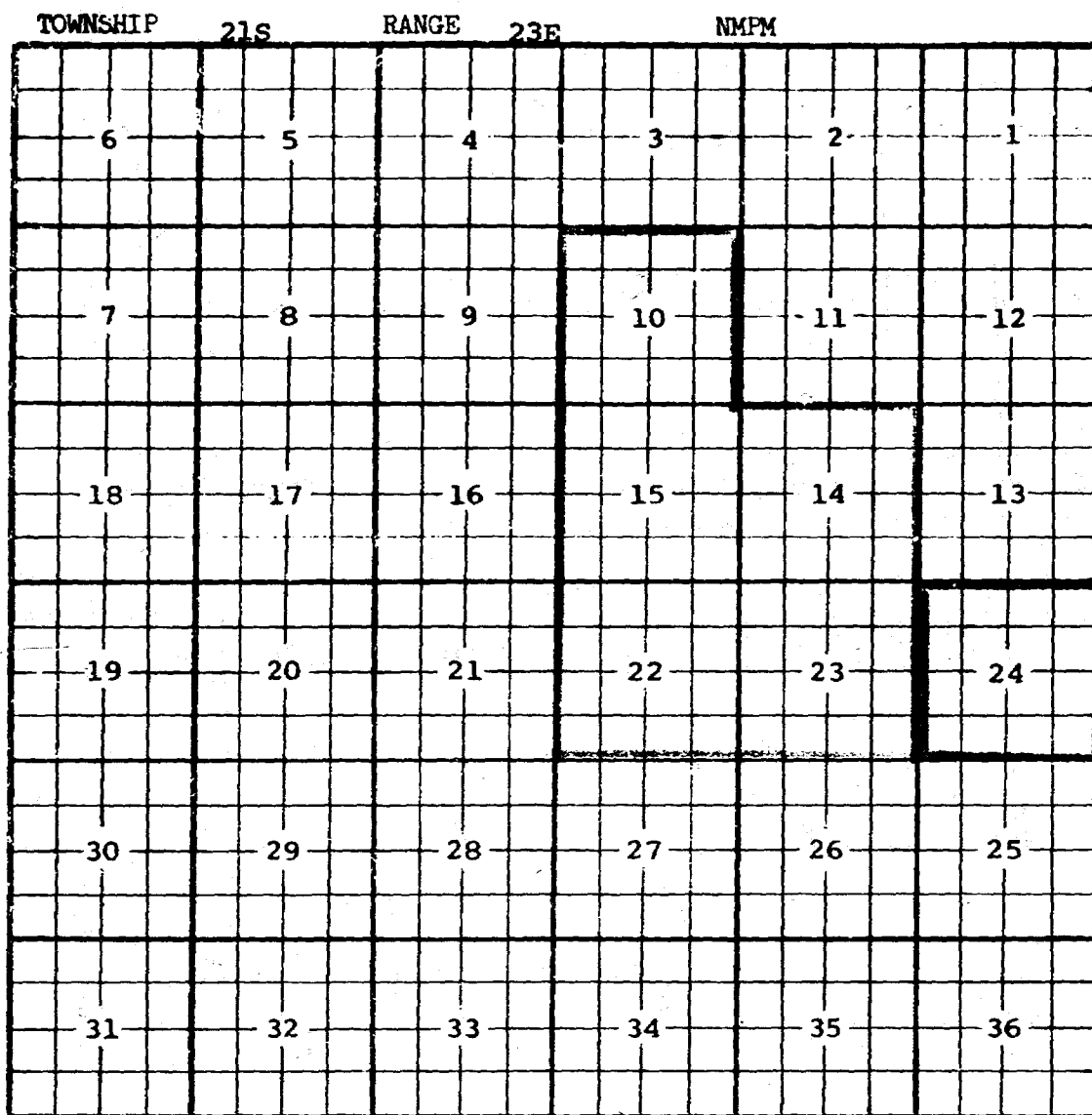
John H. Trigg Fed."IB" Well #-1-6 in unit D of Sec. 6-22-24.

Completed in Upper Penn. April 22, 1964 through perforations 7430' to 7554'.

Proposed extensions colored in green. Sec. 6: All.

CASE 3054: (4) EXTENSION OF AN EXISTING GAS POOL (Continued on next page)

COUNTY Eddy POOL Indian Basin-Morrow Gas



Purpose: One completed gas well capable of producing.

Pool boundary colored in red.

Proposed extensions colored in green. Sec: 24 All

CASE 3054: S EXTENSION OF AN EXISTING GAS POOL (Continued)

COUNTY Eddy POOL Indian Basin-Morrow-Gas

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

Purpose: As stated on page one of this exhibit.

Penroc Oil Corp. Indian Fed. #1 in unit G of Sec. 19-21-24.

Completed in Morrow January 30, 1964 through perforations 9226' to 9470'

Proposed extensions colored in green. Sec. 19: All

BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 3054
ORDER NO. R-2726

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 11, 1964, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 18th day of June, 1964, 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 subject matter thereof.

(2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the San Andres formation, said pool to bear the designation of Bough-San Andres Gas Pool. Said Bough-San Andres Gas Pool was discovered by Pan American Petroleum Corporation, Federal "A" No. 1, located in Unit N of Section 13, Township 9 South, Range 35 East, NMEM. It was completed in San Andres on January 18, 1964. The top of perforations is 4746 feet.

(3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Queen formation, said pool to bear the designation of Lovington-Queen Gas Pool. Said Lovington-Queen Gas Pool was discovered by Sunray DX Oil Company, New Mexico State AL No. 1, located in Unit I of Section 14, Township 17 South, Range 36 East, NMEM. It was completed in Queen on August 13, 1963. The top of perforations is 4300 feet.

(4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Middle Pennsylvanian formation, said pool to bear the designation of North Bagley-Middle Pennsylvanian Pool. Said North Bagley-Middle Pennsylvanian Pool was discovered by Texas Pacific Oil Company, J. E. Collier No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East, NMEM. It was completed in Middle Pennsylvanian on May 16, 1964. The top of perforations is 9862 feet. The special vertical limits are top of pool at -5397 feet subsea and bottom of pool at

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CASE NO. 3054
ORDER NO. R-2726

-5727 feet subsea. Type Log: Texas Pacific Oil Company, J. F. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMFM.

(5) That there is need for the contraction of the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, originally defined as top of pool at -4783 feet subsea and bottom of pool at -5727 feet subsea. The new special vertical limits are defined as top of pool at -4783 feet subsea and bottom of pool at -5397 feet subsea. Type Log: Texas Pacific Oil Company, J. F. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMFM.

(6) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of South Prairie-Atoka Gas Pool. Said South Prairie-Atoka Gas Pool was discovered by Lone Star Producing Company, Federal New Mexico "E" No. 1, located in Unit M of Section 21, Township 8 South, Range 36 East, NMFM. It was completed in Atoka on February 10, 1964. The top of perforations is 12,057 feet.

(7) That there is need for the contraction of the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and to redesignate the South Prairie-Pennsylvanian Pool to the South Prairie-Cisco Pool.

(8) That there is need for the consolidation of the Indian Hills-Upper Pennsylvanian Gas Pool and the Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico, inasmuch as the pools produce from the same formation. Said consolidation to be accomplished by the abolishment of the Indian Hills-Upper Pennsylvanian Gas Pool and extension of the Indian Basin-Upper Pennsylvanian Gas Pool.

(9) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Maljamar Pool, the East Millman Queen-Grayburg Pool, and the Indian Basin-Morrow Gas Pool, all in Eddy County, New Mexico, the Flying "M"-San Andres Pool, the Justis-Blinbry Pool, the Mescalero-San Andres Pool, the Pearl-Queen Pool, the Vacuum-Abo Reef Pool, and the Weir-Blinbry Pool, all in Lea County, New Mexico, and the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 9 SOUTH, RANGE 35 EAST, NMFM
SECTION 13: SW/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMFM
SECTION 14: SE/4

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CASE NO. 3054
ORDER NO. R-2726

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

TOWNSHIP 11 SOUTH, RANGE 33 EAST, NMPM
SECTION 10: W/2

Special vertical limits, top pool at -5397 feet subsea, bottom pool at -5727 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier Well No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

(d) Contract the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to be from -4783 feet subsea at the top of the pool to -5397 feet subsea at the bottom of the pool. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: SW/4

(f) Contract the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and redesignate the South Prairie-Pennsylvanian Pool the South Prairie-Cisco Pool.

(g) That the North Benson Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: NW/4

(h) That the Flying "M"-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: E/2 and SW/4
SECTION 21: NE/4

(i) That the Justis-Blinbry 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 3: E/2 NE/4

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CASE NO. 3054
ORDER NO. R-2726

(j) That the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NW/4 and SE/4

TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: W/2

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

TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 36: NW/4 NE/4

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

TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: NE/4
SECTION 15: SE/4

(m) That the East Millman Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4 NE/4
SECTION 23: N/2 NE/4

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

TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: NE/4

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: SW/4 NW/4 and W/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: S/2 SW/4

TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SE/4

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

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CASE NO. 3054
ORDER NO. R-2726

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM

SECTION 10: $\frac{1}{2}$ SE/4

SECTION 15: SW/4

SECTION 22: NW/4

(q) That the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

SECTION 20: SE/4, S/2 NE/4, E/2 SW/4, SE/4 NW/4

SECTION 21: All

SECTION 28: NW/4, $\frac{1}{2}$ NE/4, N/2 SW/4, NW/4 SE/4

SECTION 29: NE/4, E/2 NW/4, N/2 SE/4, NE/4 SW/4

is hereby abolished.

(r) That the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM

SECTION 16: All

SECTION 17: All

SECTION 19: All

SECTION 20: All

SECTION 21: All

SECTION 24: All

SECTION 25: All

SECTION 35: All

SECTION 36: All

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

SECTION 19: All

SECTION 20: All

SECTION 21: All

SECTION 28: All

SECTION 29: All

SECTION 30: All

SECTION 31: All

SECTION 32: All

TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM

SECTION 6: All

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

TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM

SECTION 24: All

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM

SECTION 19: All

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CASE NO. 3054
ORDER NO. R-2726

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, contractions of vertical limits, and extensions included herein shall be July 1, 1964

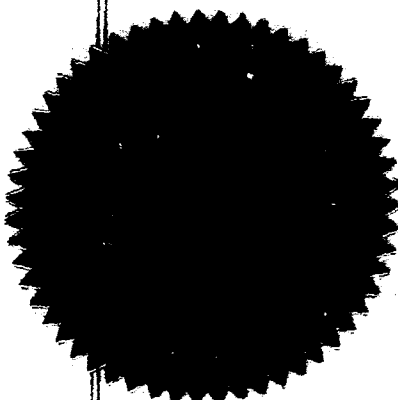
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

Jack M. Campbell
JACK M. CAMPBELL, Chairman

E. S. Walker
E. S. WALKER, Member

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



BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
June 11, 1964

REGULAR HEARING

IN THE MATTER OF:

Southeastern New Mexico nomenclature
case calling for an order creating new
pools, extending, abolishing and con-
tracting certain existing pools and
changing pool name in Eddy, Lea and
Roosevelt Counties, New Mexico.

Case No. 3054

BEFORE:

Honorable Jack M. Campbell, Governor
E. S. "Johnny" Walker, Land Commissioner
A. L. "Pete" Porter, Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: The Hearing will come to order.

The Commission will take case No. 3054. The South-
east nomenclature Case.

MR. DURRETT: Mr. Nutter, will you stand and
be sworn?

(Witness sworn.)

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FARMINGTON, N. M.
PHONE 325-1182

SANTA FE, N. M.
PHONE 983-3871

ALBUQUERQUE, N. M.
PHONE 243-6691

DANIEL S. NUTTER

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

DIRECT EXAMINATION

BY MR. DURRETT:

Q Please state your name and position for the record.

A Daniel S. Nutter, Chief Engineer for the Oil Conservation Commission.

Q Mr. Nutter, are you prepared to make recommendations to the Commission this morning concerning the creation, contraction, extension and abolishment of certain pools in Eddy, Lea and Roosevelt Counties, New Mexico.

A Yes, I am.

Q And are you prepared to make recommendations in the form of an exhibit?

A Yes, sir.

Q How is that marked?

A It is identified as Exhibit "A" in this case.

Q Exhibit "A" similar to the docket that's been prepared and distributed here?

A Yes, sir, it is, with certain exceptions.

Q Would you please refer to your exhibit and to the docket generally distributed here this morning and point out

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your recommendations to the Commission?

A All right, sir. (indicating) In paragraph "A" of Case 3054, I recommend that the Bough-San Andres be created comprising the southwest quarter of Section 13, Township 9 South, Range 35 East. The pool was discovered by Pan American Federal A Number 1, and is located in Unit NF Section 13, completed in the San Andres January 18, 1964, at that time perforations at 4746.

Paragraph "B", I would recommend that the Lovington-Queen Gas Pool be created comprising the southeast quarter of Section 14, Township 17 South, Range 36 East, Lea County; the pool was discovered by Sun Ray DX State AL Number 1 in Unit I of Section 14, completed in the Queen August 13, 1963, top perforation 4300 feet.

Paragraph "C", I would recommend that the North Bagley Middle Pennsylvanian Pool be created comprising the west half of Section 10 which is additional acreage other than shown in the docket. That would be the west half of Section 10, Township 11 South, Range 33 East. The pool was discovered by Texas Pacific J. P. Collier Number 1 located in Unit F of Section 10, completed in the Middle Pennsylvanian Pool, May 16, 1964, the top of the perforation is 9762 feet. I would recommend that special vertical lengths be assigned to this pool being from the minus



5397 feet subsea to minus 5727 subsea in the type log of the Texas Pacific Oil Company's J. P. Collier Well Number 1 in Unit F of Section 10.

Q Is that the discovery well, Mr. Nutter?

A That is the discovery well for this pool.

Q Thank you. All right, sir.

A In paragraph "D", I would recommend that the vertical limits of the North Bagley-Upper Pennsylvanian Pool be contracted. The pool presently has vertical lengths in the Pennsylvanian formation. I would recommend that this be contracted to read and be defined as from minus 4783 feet subsea to a minus 5397 feet subsea; the type log would be the Texas Pacific Oil Company's J. P. Collier Well Number 1, Township 11 South, Range 33 East.

In paragraph "E", I would recommend that a new pool be created and designated the South Prairie Atoka Gas Pool, comprising the southwest quarter of Section 21, Township 8 South, Range 36 East, Roosevelt County. The pool was discovered by Lone Star as Federal New Mexico B, Unit M, Section 21 created Atoka February 10, 1946. The top perforation 12,057 feet.

In paragraph "F", I would recommend that the vertical limits at South Prairie Pennsylvanian Pool be contracted and the name changed from the South Prairie Pennsylvanian



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Pool to South Prairie Cisco Pool. The vertical limits would be the Cisco Zone of the Pennsylvanian formation.

Q That's not Cisco, that's Colorado.

A The longer range is called Cisco.

In paragraph "G", I would recommend the North Benson Queen-Grayburg Pool be extended as shown on the exhibit and on the docket.

In paragraph "H", I would recommend that the Flying "M"-San Andres Pool be extended as follows; which differs from the docket: I'd also recommend next time that the exhibit be made in the same order that the same cases appear.

Q Which paragraph are you on?

A I think I'm on "H".

Q "H"?

A In "H", I would recommend the Flying "M"-San Andres Pool be extended through the east half of Section 16, Northeast quarter of Section 21, southwest quarter of Section 16, all in Township 9 South, Range 33 East.

In paragraph "I", I would recommend the Justis Blinbry Pool be extended as shown on Exhibit "A" and docket.

In paragraph "J", I would recommend that the Lusk-Strawn Pool be extended to include the west half of Section 25, Township 19 South, Range 32 East in the northwest



quarter of Section 25 and the southeast quarter of Section 25, Township 19 South, Range 31 East.

Paragraph "K", I would recommend that the Maljamar Pool be extended as shown on Exhibit "A", being the northwest quarter of the northeast quarter of Section 36, Township 17 South, Range 31 East.

Paragraph "L", I would recommend the Mescalero-San Andres Pool be extended as shown on the docket and exhibit.

Paragraph "M", I would recommend the East Millman Queen-Grayburg Pool be extended as shown on the docket and exhibit.

Paragraph "N", I would recommend the Pearl Queen Pool be extended as shown on the docket and exhibit.

Paragraph "O", I would recommend that the Vacuum-Abo Reef Pool be extended to include the south half of the southwest quarter of Section 2, Township 18 South, Range 34 East.

MR. PORTER: South half of the southwest quarter.

A Of Township 18, 34, the Township west quarter of Section 8, Township 18, 35 and in Township 17 South, Range 36 East, I would recommend that the extension be less than that shown on the docket and would comprise



the west half of the southwest quarter and the southwest, quarter, northwest quarter of Section 19, Township 17 South, Range 36 East rather than the entire west half.

MR. PORTER: How much does that leave out of the west half?

A That's the limitation of the entire east half of the west half and northwest quarter.

In paragraph "p", I would recommend the Weir-Blinebry Pool be extended as shown on the Exhibit B of this case and the extension would be as follows: The west half, southeast quarter of Section 10, southwest quarter of Section 15, the northwest quarter of Section 22, all in Township 20 South, Range 37 East.

In paragraph "q", I would recommend that the Indian Hills-Upper Pennsylvanian Pool be abolished and the acreage presently contained in that pool be included over in the extension which follows.

Paragraph "R", I'd recommend the Indian-Basin Upper Pennsylvanian Gas Pool be extended as shown on the docket and exhibit which is considerable acreage I won't describe.

Paragraph "S", I would recommend the Indian Basin-Morrow Pool be extended as on the docket and exhibit.

Q Do you have anything further?

A No, sir.



Q Was the exhibit prepared under your supervision in your official capacity as Chief Engineer of the Oil Conservation Commission?

A Yes, sir.

MR. DURRETT: I move the introduction of Exhibit "A" and that will conclude my examination of Mr. Nutter.

MR. PORTER: Would you have any objections to the exhibit being admitted, Mr. Nutter?

The purpose of abolishment of the Indian-Basin Upper Pennsylvanian Gas Pool, I assume, is that it has now been shown that the Indian-Basin Upper Pennsylvanian Gas Pool and the Indian Hills Upper Pennsylvanian Gas Pool were common reservoirs?

A In all probability, it's probably common sand.

MR. PORTER: Any questions of the witness? You may be excused.

Anything further to be offered in this case?

The Commission will take the case under advisement and the Hearing will adjourn.

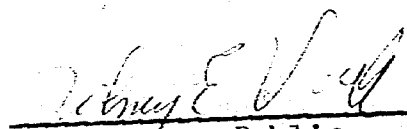
(Whereupon, the Hearing was adjourned at 9:50 o'clock A. M.)



STATE OF NEW MEXICO)
COUNTY OF BERNALILLO) ss.

I, SIDNEY VICK, Court Reporter, do hereby certify that the foregoing and attached transcript of proceedings before the New Mexico Oil Conservation Commission at Santa Fe, New Mexico, is a true and correct record to the best of my knowledge, skill and ability.

IN WITNESS WHEREOF, I have affixed my hand and notarial seal this 2nd day of July, 1964.


Notary Public - Court Reporter

My commission expires:

June 4, 1968.

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, N. M.
PHONE 243-6891



I N D E X

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E X H I B I T S

<u>NUMBER</u>	<u>MARKED FOR IDENTIFICATION</u>	<u>OFFERED</u>	<u>ACCEPTED</u>
Exhibit "A"	2	8	8

DEARNLEY-MEIER REPORTING SERVICE, Inc.

ALBUQUERQUE, N. M.
PHONE 243-6691



BEFORE THE OIL CONSERVATION COMMISSION
OF THE STATE OF NEW MEXICO

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

CASE NO. 3054
ORDER NO. R- 2726

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

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on June 11, 1964, 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, 1964, 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 subject matter thereof.
- ✓ (4) (2) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Middle Pennsylvanian formation, said pool to bear the designation of North Bagley-Middle Pennsylvanian Pool. Said North Bagley-Middle Pennsylvanian Pool was discovered by Texas Pacific Oil Company, J. P. Collier No. 1, located in ~~the SW/4~~ Unit F of Section 10, Township 11 South, Range 33 East, NMPM. It was completed in Middle Pennsylvanian on May 16, 1964. The top of perforations is 9862 feet. The special vertical limits are top of pool at -5397 feet subsea and bottom of pool at -5727 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.
- ✓ (2) (3) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the San Andres formation, said pool to bear the designation of Bough-San Andres Gas Pool. Said Bough-San Andres Gas Pool was discovered by Pan American Petroleum Corporation, Federal "A" No. 1, located in ~~the SW/4~~ Unit N of Section 13, Township 9 South, Range 35 East, NMPM. It was completed in San Andres on January 18, 1964. The top of perforations is 4746 feet.
- (3) (4) That there is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Queen formation, said pool to bear the designation of Lovington-Queen Gas Pool. Said Lovington-Queen Gas Pool was discovered by Sunray DX Oil Company, New Mexico State AL No. 1, located in ~~the SW/4~~ Unit I of Section 14, Township 17 South, Range 36 East, NMPM. It was completed in Queen on August 13, 1963. The top of perforations is 4300 feet.
- (6) (5) That there is need for the creation of a new pool in Roosevelt County, New Mexico, for the production of gas from the Atoka formation, said pool to bear the designation of South Prairie-Atoka Gas Pool. Said South Prairie-Atoka Gas Pool was discovered by Lone Star Producing Company, Federal New Mexico "B" No. 1, located in the ~~SW/4~~ Unit M of Section 21, Township 8 South, Range 36 East, NMPM. It was completed in Atoka on February 10, 1964. The top of perforations is 12,057 feet.
- (8) (6) That there is need for the abolishment of the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, in order that the acreage included therein may be placed in the Indian Basin-Upper Pennsylvanian Gas Pool.

That there is need for the consolidation of the Indian Hills-Upper Pennsylvanian Gas Pool and the Indian Basin-Upper Pennsylvanian Gas Pool, Eddy County, New Mexico, inasmuch as the pools produce from the same formation. Said consolidation to be accomplished by the abolishment of the Indian Hills-Upper Pennsylvanian Gas Pool and extension of the

(3) That there is need for the contraction of the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, originally defined as top of pool at -4783 feet subsea and bottom of pool at -5727 feet subsea. The new special vertical limits are defined as top of pool at -4783 feet subsea and bottom of pool at -5397 feet subsea. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

(7) That there is need for the contraction of the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and to re-designate the South Prairie-Pennsylvanian Pool to the South Prairie-Cisco Pool.

(9) That there is need for certain extensions to the North Benson Queen-Grayburg Pool, the Maljamar Pool, the East Millman Queen-Grayburg Pool, and the Indian Basin-Morrow Gas Pool, all in Eddy County, New Mexico, the Flying "M"-San Andres Pool, the Justis-Blinbry Pool, the Mescalero-San Andres Pool, the Pearl-Queen Pool, the Vacuum-Abo Reef Pool, and the Weir-Blinbry Pool, all in Lea County, New Mexico, and the Lust-Strawn Pool in Eddy and Lea Counties, New Mexico.

created and designated as the North Bagley-Middle Pennsylvanian Pool, consisting of the following described area:

Township 11 South, Range 33 East, NMPM
Section 10: W/2

Special vertical limits, top pool at -5397 feet subsea, bottom pool at -5727 feet subsea. Type log: Texas Pacific Oil Company, J. P. Collier Well No. 1, located in Unit F of Section 10, Township 11 South, Range 33 East, NMPM.

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

TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 14: SE/4

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

TOWNSHIP 8 SOUTH, RANGE 36 EAST, NMPM
SECTION 21: SW/4

(f) That the Indian Hills-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, consisting of the following described area:

TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 20: SE/4, S/2 NE/4, E/2 SW/4, SE/4 NW/4
SECTION 21: All
SECTION 28: NW/4, W/2 NE/4, N/2 SW/4, NW/4 SE/4
SECTION 29: NE/4, E/2 NW/4, N/2 SE/4, NE/4 SW/4

is hereby abolished.

(d) Contract the vertical limits of the North Bagley-Upper Pennsylvanian Pool in Lea County, New Mexico, to be from -4783 feet subsea at the top of the pool to -5397 feet subsea at the bottom of the pool. Type Log: Texas Pacific Oil Company, J. P. Collier No. 1, Unit F, Section 10, Township 11 South, Range 33 East, NMPM.

(g) That the North Benson~~Queen~~-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 18 SOUTH, RANGE 30 EAST, NMPM
SECTION 27: NW/4

(h) That the Flying "M"-San Andres Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 9 SOUTH, RANGE 33 EAST, NMPM
SECTION 16: E/2 and SW/4
SECTION 21: NE/4

(i) (2) That the Indian Basin-Morrow Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM
SECTION 24: All

✓ TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 19: All

(j) (2) That the Indian Basin-Upper Pennsylvanian Gas Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 21 SOUTH, RANGE 23 EAST, NMPM
SECTION 16: All
SECTION 17: All
SECTION 19: All
SECTION 20: All
SECTION 21: All
SECTION 24: All
SECTION 25: All
SECTION 35: All
SECTION 36: All

✓ TOWNSHIP 21 SOUTH, RANGE 24 EAST, NMPM
SECTION 19: All
SECTION 20: All
SECTION 21: All
SECTION 28: All
SECTION 29: All
SECTION 30: All
SECTION 31: All
SECTION 32: All

✓ TOWNSHIP 22 SOUTH, RANGE 24 EAST, NMPM
SECTION 5: All

(k) (2) That the Justis-Blinbry 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 3: E/2 NE/4

(l) (2) That the Lusk-Strawn Pool in Eddy and Lea Counties, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 31 EAST, NMPM
SECTION 25: NW/4 and SE/4

✓ TOWNSHIP 19 SOUTH, RANGE 32 EAST, NMPM
SECTION 27: W/2

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

✓ TOWNSHIP 17 SOUTH, RANGE 31 EAST, NMPM
SECTION 36: NW/4 NE/4

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

✓ TOWNSHIP 10 SOUTH, RANGE 32 EAST, NMPM
SECTION 14: NE/4
SECTION 15: SE/4

(m) (■) That the East Millman*Queen-Grayburg Pool in Eddy County, New Mexico, as heretofore classified, defined, and described, is hereby extended to include therein:

✓ TOWNSHIP 19 SOUTH, RANGE 28 EAST, NMPM
SECTION 12: SE/4 NE/4
SECTION 23: N/2 NE/4

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

✓ TOWNSHIP 19 SOUTH, RANGE 34 EAST, NMPM
SECTION 35: NE/4

(f) (■) Contract the vertical limits of the South Prairie-Pennsylvanian Pool in Roosevelt County, New Mexico, to include only the Cisco zone of the Pennsylvanian formation and redesignate the South Prairie-Pennsylvanian Pool the South Prairie-Cisco Pool.

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

✓ TOWNSHIP 17 SOUTH, RANGE 36 EAST, NMPM
SECTION 19: ~~SE~~ SW/4 NW/4 and E/2 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 34 EAST, NMPM
SECTION 2: S/2 SW/4

✓ TOWNSHIP 18 SOUTH, RANGE 35 EAST, NMPM
SECTION 8: SE/4

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

✓ TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM
SECTION 10: W/2 SE/4
SECTION 15: SW/4
SECTION 22: NW/4

IT IS FURTHER ORDERED:

That the effective date of this order and all creations, abolishments, contractions of vertical limits, and extensions included herein shall be July 1, 1964.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

JACK M. CAMPBELL, Chairman

E. S. Walker, Member

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