

CASE 3836:

SOUTHEASTERN NEW MEXICO
NOMENCLATURE

Case Number
3836

Application
Transcripts.

Small Exhibits

E T C.

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

Form C-100
 Adopted 9-1-66

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

File 2826

Operator JACK L. MCCLELLAN		Address Box 848, ROSWELL, NEW MEXICO 88201	
Lease Name LISA FEDERAL "C"		Well No. 1	County CHAVES
Well Location Unit Letter A ; 660 Feet from The NORTH Line and 660 Feet From the EAST Line of Section 24 , Township 15-SOUTH , Range 29-EAST , NMPM			
Suggested Pool Names (List in order of preference) 1. SULIMAR QUEEN 2. 3.			
Name of Producing Formation QUEEN		Perforations 2031-39'	Date of Filing Form C-104 7/03/68
Was "Affidavit of Discovery" Previously Filed For This Well in this Pool? No		If Yes, Give Date of Filing	Date Well was Spudded 4/6/68
Total Depth 2066'		Plugged Back Depth 2063'	Depth Casing Shoe 2063'
Tubing Depth 2000'		Elevation (Gr., DF, RKB, RT, etc.) 3955' G.L. 3956' D.F.	
Oil Well Potential (Test to be taken only after all load oil has been recovered) 100 Bbls. Oil Per Day Based On 100 Bbls In 24 Hours; 0 Bbls Water Per Day Based On _____ Bbls			
In _____ Hours; Gas Production During Test: NO TEST MCF; Gas-Oil Ratio: _____ Method Of Pumping Chk. Size 2"			

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

Pool Name LITTLE LUCKY LAKE	Name of Producing Formation DEVONIAN	Top of Pay 11,056'	Bottom of Pay 11,136'	Currently Producing? YES
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Pool 1 1/2 MILES NW OF TEXACO #3 PERRY FED.		Vertical Distance from Subject Discovery Zone to Producing Interval this Pool 9000'		

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

Pool Name CAPROCK QUEEN	Top of Pay 3100'	Bottom of Pay 3150'	Currently Producing? YES
Horizontal Distance and Direction from Subject Discovery Well to the Nearest Well in this Comparable Pool			

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

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

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

NAME	ADDRESS
PAN AMERICAN PETROLEUM CORPORATION	Box 1410, Ft. Worth, Texas
CHESTER CARTEL	ROUTE 2, Box 2, LOCKNEY, TEXAS 79241

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

Remarks:

CERTIFICATION

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

Jack L. McClellan
 Signature

OPERATOR

Position

JULY 10, 1968

Date

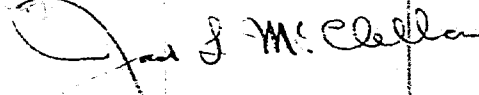
JULY 11, 1968

PAN AMERICAN PETROLEUM CORPORATION
POST OFFICE BOX 1410
FORT WORTH, TEXAS

GENTLEMEN:

PURSUANT TO INSTRUCTIONS ON FORM C-109 OF THE
OIL CONSERVATION COMMISSION OF NEW MEXICO, YOU
ARE BEING FURNISHED A COPY OF THIS FORM REQUESTING
A DISCOVERY ALLOWABLE FOR THE JACK L. MCCLELLAN
LISA "C" FEDERAL NO. 1 IN THE QUEEN FORMATION.

YOURS VERY TRULY,



JACK L. MCCLELLAN

JLMc:LT
ENCL.

CC: OIL CONSERVATION COMMISSION

73 JUL 12 PM 12 55
JULY 11, 1968

MR. CHESTER CARTEL
ROUTE 2, BOX 2
LOCKNEY, TEXAS 79241

DEAR MR. CARTEL:

PURSUANT TO INSTRUCTIONS ON FORM C-109 OF THE
OIL CONSERVATION COMMISSION OF NEW MEXICO, YOU
ARE BEING FURNISHED A COPY OF THIS FORM REQUEST-
ING A DISCOVERY ALLOWABLE FOR THE JACK L. MCCLELLAN
LISA "C" FEDERAL NO. 1 IN THE QUEEN FORMATION.

YOURS VERY TRULY,

Jack L. McClellan
JACK L. MCCLELLAN

JLMc:LT
ENCL.

CC: OIL CONSERVATION COMMISSION

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. 3836
Order No. R-3472

THE APPLICATION OF THE OIL CONSERVATION
COMMISSION UPON ITS OWN MOTION FOR AN
ORDER CREATING, ABOLISHING, CONTRACTING,
AND EXTENDING 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 August 14, 1968, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 20th day of August, 1968, 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 Queen formation, said pool to bear the designation of Sulimar-Queen Pool. Further, that the discovery well for said pool, Jack M. McClellan's Lisa "C" Federal No. 1, located in Unit A of Section 24, Township 15 South, Range 29 East, NMPM, is entitled to and should receive a bonus discovery oil allowable in the amount of 10,155 barrels to be assigned over a two-year period. The top of the perforations in said well is at 2,031 feet.

(3) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the

CASE No. 3836
Order No. R-3472

Wolfcamp formation, said pool to bear the designation of Dogie Draw-Wolfcamp Pool. Said Dogie Draw-Wolfcamp Pool was discovered by the Southland Royalty Company Gulf Federal Well No. 1, located in Unit D of Section 20, Township 25 South, Range 35 East, NMPM. It was completed in the Wolfcamp formation on March 28, 1968. The top of the perforations is at 13,466 feet.

(4) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Pennsylvanian formation, said pool to bear the designation of West King-Pennsylvanian Pool. Said West King-Pennsylvanian Pool was discovered by the Southwest Production Corporation Harmon Well No. 1, located in Unit M of Section 5, Township 14 South, Range 37 East, NMPM. It was completed in the Pennsylvanian formation on February 27, 1968. The top of the perforations is at 11,399 feet.

(5) That there is need for the creation of a new oil pool in Lea County, New Mexico, for the production of oil from the Drinkard formation, said pool to bear the designation of East Warren-Drinkard Pool. Said East Warren-Drinkard Pool was discovered by the Mobil Oil Corporation New Mexico "F" Well No. 1, located in Unit D of Section 36, Township 20 South, Range 38 East, NMPM. It was completed in the Yeso formation on August 2, 1960. The top of the perforations is at 6933 feet.

(6) That there is need for the deletion of certain acreage from the Warren-Drinkard Pool, Lea County, New Mexico, inasmuch as it has been determined that said deleted area constitutes a separate source of supply and has been designated as the East Warren-Drinkard Pool.

(7) That there is need for the deletion of certain acreage from the Inbe Permo-Pennsylvanian Pool, Lea County, New Mexico, in order that the deleted acreage may be included in the Vada-Pennsylvanian Pool.

(8) That there is need for the consolidation of the Simanola-Pennsylvanian Pool and the Vada-Pennsylvanian Pool, Lea County, New Mexico, inasmuch as both pools produce from a common source of supply. Said consolidation should be accomplished by the abolishment of the Simanola-Pennsylvanian Pool and extension of the Vada-Pennsylvanian Pool.

(9) That there is need for certain extensions to the Flying "M"-San Andres Pool and the Vada-Pennsylvanian Pool, both in Lea County, New Mexico.

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CASE No. 3836

Order No. R-3472

IT IS THEREFORE ORDERED:

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

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
Section 24: NE/4 NE/4

That the discovery well for said pool, Jack M. McClellan's Lisa "C" Federal No. 1, located in Unit A of Section 24, Township 15 South, Range 29 East, NMPM, is hereby authorized an oil discovery allowable of 10,155 barrels to be assigned to said well at the rate of 14 barrels per day in accordance with Rule 509 of the Commission Rules and Regulations;

PROVIDED HOWEVER, that should subsequent development prove that the subject well has not discovered a separate common source of supply, all bonus discovery allowable remaining unproduced at such time shall be cancelled.

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

TOWNSHIP 25 SOUTH, RANGE 35 EAST, NMPM
Section 20: NW/4

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

TOWNSHIP 14 SOUTH, RANGE 37 EAST, NMPM
Section 5: SW/4

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

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
Section 35: NE/4
Section 36: NW/4

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CASE No. 3836
Order No. R-3472

(e) That the Warren-Drinkard Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 25: All
Section 26: All
Section 27: E/2
Section 35: NE/4
Section 36: NW/4

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM

Section 30: S/2

(f) 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 33: SE/4

(g) That the Simanola-Pennsylvanian Pool in Lea County, New Mexico, consisting of the following-described area:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

Section 16: SW/4
Section 17: E/2
Section 20: All
Section 21: NW/4

is hereby abolished.

(h) That the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, as heretofore classified, defined, and described, is hereby contracted by the deletion of the following-described area:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

Section 18: SW/4

(i) 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 34 EAST, NMPM

Section 8: SE/4

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Order No. R-3472

(i) - Continued from Page 4 -

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

Section 4: SW/4
Section 5: SE/4
Section 7: All
Section 8: All
Section 16: SW/4
Section 17: All
Section 18: All
Section 20: All
Section 21: NW/4

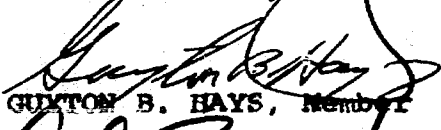
IT IS FURTHER ORDERED:

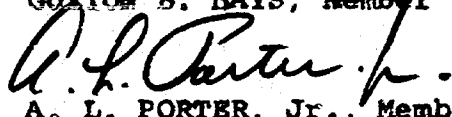
That the effective date of this order and all creations, abolishments, contractions, and extensions included herein shall be September 1, 1968.

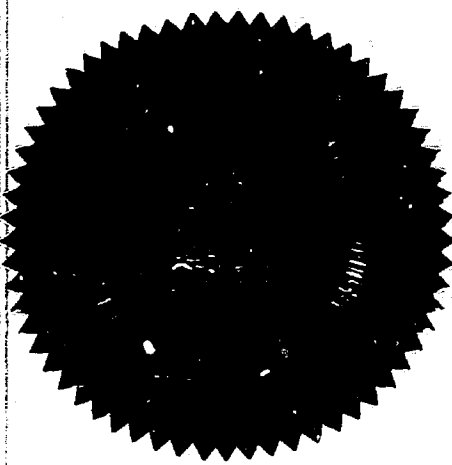
DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION


DAVID F. CARGO, Chairman


GUXTON B. HAYS, Member


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



esr/

Sunray DX Oil Company

P. O. Box 2088 Tulsa, Oklahoma 74102
Area Code 918 583-4300

Production Department

John R. Finch
Manager, Utilization
and Conservation



August 7, 1968

*Nomenclature Case for
Aug. 14th*

JWF
New Mexico Oil Conservation Commission
P.O. Box 2088
Santa Fe, New Mexico

Attn: Mr. A. L. Porter

Gentlemen:

Sunray DX Oil Company has received notice of hearing for Docket No. 24-68 for August 14, 1968. We note in Case 3836(g) on that docket that you will consider abolishing the Simanola-Pennsylvanian Pool in Lea County, New Mexico and that in Case No. 3836(i) you will consider extending the Vada-Pennsylvanian Pool to include portions of Sections 4, 5, 7, 8, 16, 17, 18, 20 and 21 in T10S, R34E NMPM.

Sunray DX, as an operator in the Simanola Pool, requests that the Simanola Pool be abolished and that the Vada Pool be extended to cover those lands described in the notice of hearing for Docket No. 24-68.

Very truly yours,

SUNRAY DX OIL COMPANY

John R. Finch

RCS/jv

GOVERNOR
DAVID F. CARGO
CHAIRMAN

State of New Mexico
Oil Conservation Commission



LAND COMMISSIONER
GUYTON B. HAYS
MEMBER

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

P. O. BOX 2088
SANTA FE

August 20, 1968

Mr. Howard Perdue
Union Texas Petroleum
1300 Wilco Building
Midland, Texas 79701

Re: Case No. 3836
Order No. R-3472
Applicant: OCC

Dear Sir:

Enclosed herewith are two copies of the above-referenced Commission order recently entered in the subject case.

Very truly yours,

A. L. Porter, Jr.
A. L. PORTER, Jr.
Secretary-Director

ALP/ir

Carbon copy of order also sent to:

Hobbs OCC x

Artesia OCC x

Aztec OCC

Other Mr. Charles B. Read and Mr. John R. Finch

CLASS OF SERVICE

This is a fast message unless its deferred character is indicated by the proper symbol.

WESTERN UNION

W. P. MARSHALL
CHAIRMAN OF THE BOARD

TELEGRAM (1115)•

SYMBOLS

DL=Day Letter
NL=Night Letter
LT=International Letter Telegram

The filing time shown in the date line on domestic telegrams is LOCAL TIME at point of origin. Time of receipt is LOCAL TIME at point of destination.

LA051 SSB268

1968 AUG 13 AM 11 23

L RWA016 PD=ROSWELL NMEX 13 953A MDT=

A L PORTER JR=

PHONE 827-2432 PO BOX 2088 SANTA FE NMEX=

IN REGARD TO CASE NUMBER 3836, WE WOULD LIKE TO STATE THAT OUR RECENTLY COMPLETED RESERVOIR INFORMATION INDICATES THAT ONE WELL PER 160 ACRES IN THE BOUGH "C"

WILL ADEQUATELY DRAIN THE RESERVES FOR 160 ACRES AND WE THEREFORE WOULD APPROVE AND RECOMMEND SPACING OF 160 ACRES FOR THIS AREA=

CHARLES B READ=

3836 160 "C" 160 160=

WU1201 (12-65)

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

DOCKET: REGULAR HEARING - WEDNESDAY - AUGUST 14, 1968

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

ALLOWABLE: (1) Consideration of the oil allowable for September, 1968;

(2) Consideration of the allowable production of gas for September, 1968, from thirteen prorated pools in Lea, Eddy, and Roosevelt 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 September, 1968.

CASE 3834: Application of El Paso Natural Gas Company for the suspension of certain provisions of Rules 14 (A), 15 (A), and 15 (E) of Order No. R-1670, as amended, of the General Rules and Regulations for the prorated gas pools of Northwestern New Mexico.

Applicant, in the above-styled cause, seeks suspension, for a period of one year from August 1, 1968, of those provisions of Rules 14 (A), 15 (A), and 15 (E) of the General Rules and Regulations for the prorated gas pools of Northwestern New Mexico promulgated by Order No. R-1670, as amended, that provide, respectively, for the cancellation of unproduced allowable, shutting-in of over-produced wells and redistribution of cancelled allowable.

CASE 3835: Application of Sinclair Oil & Gas Company for salt water disposal, Lea County, New Mexico. Applicant, in the above-styled cause, seeks authority to dispose of produced salt water into the Upper Pennsylvanian formation in the perforated interval from approximately 9637 feet to 9682 feet in its State 251 Well No. 1 located in the SE/4 SE/4 of Section 28, Township 13 South, Range 33 East, Lazy J-Pennsylvanian Pool, Lea County, New Mexico.

CASE 3836: Southeastern nomenclature case calling for an order for the creation, extension, abolishment and contraction 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 Queen production and designated as Sulimar-Queen Pool comprising the following:

TOWNSHIP 15 SOUTH, RANGE 29 EAST, NMPM
SECTION 24: NE/4 NE/4

Further, for the assignment of approximately 10,155 barrels of oil discovery allowable to the discovery well, the Jack L. McClellan Lisa Federal "C" Well No. 1 located in Unit A of said Section 24.

(b) Create a new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Dogie Draw-Wolfcamp Pool. The discovery well is the Southland Royalty Company Gulf Federal Well No. 1 located in Unit D of Section 20, Township 25 South, Range 35 East, NMPM. Said pool should comprise the following:

TOWNSHIP 25 SOUTH, RANGE 35 EAST, NMPM
SECTION 20: NW/4

(c) Create a new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the West King-Pennsylvanian Pool, the discovery well is the South-west Production Corporation Harmon No. 1, located in Unit M of Section 5, Township 14 South, Range 37 East, NMPM. Said pool should comprise the following:

TOWNSHIP 14 SOUTH, RANGE 37 EAST, NMPM
SECTION 5: SW/4

(d) Create a new pool in Lea County, New Mexico, classified as an oil pool for Drinkard production and designated as the East Warren-Drinkard Pool. The discovery well is the Mobil Oil Corporation New Mexico "F" Well No. 1, located in Unit D of Section 36, Township 20 South, Range 38 East, NMPM. Said pool should comprise:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTION 35: NE/4
SECTION 36: NW/4

(e) Contract the Warren-Drinkard Pool in Lea County, New Mexico, by deletion of the following-described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM
SECTIONS 25 and 26: All
SECTION 27: E/2
SECTION 35: NE/4
SECTION 36: NW/4

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM
SECTION 30: S/2

(f) Extend the Flying "M"-San Andres Pool in Lea County, New Mexico, to include therein:

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

(g) Abolish the Simanola-Pennsylvanian Pool in Lea County, New Mexico, described as:

August 14, 1968 - Regular Hearing

Docket No. 24-68

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TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

SECTION 16: SW/4

SECTION 17: E/2

SECTION 20: All

SECTION 21: NW/4

(h) Contract the Inbe Permo-Pennsylvanian Pool in Lea County, New Mexico, by deletion of the following described area:

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

SECTION 18: SW/4

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

TOWNSHIP 10 SOUTH, RANGE 34 EAST, NMPM

SECTION 4: SW/4

SECTION 5: SE/4

SECTIONS 7 and 8: All

SECTION 16: SW/4

SECTIONS 17 and 18: All

SECTION 20: All

SECTION 21: NW/4

CASE

2836

abolishment, and contraction.

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 County, New Mexico, and the extension of certain existing pools in Lea County, New Mexico, and giving notice to all persons and parties interested in the subject matter thereof to appear and show cause why such creations and extensions should not be made.

~~2) CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production and designated as the Dogie Draw-Wolfcamp Pool. The discovery well is Southland Royalty Company, Gulf Federal No. 1, located in Unit D of Section 20, Township 25 South, Range 35 East, NMPM. Said pool described as:~~

TOWNSHIP 25 SOUTH, RANGE 35 EAST, NMPM
SECTION 20: NW/4

b) ~~CREATE A new pool in Lea County, New Mexico, classified as an oil pool for Pennsylvanian production and designated as the West King-Pennsylvanian Pool. The discovery well is ^{the} Southwest Production Corporation, Harmon No. 1, located in Unit M of Section 5, Township 14 South, Range 37 East, NMPM. Said pool described as:~~

TOWNSHIP 14 SOUTH, RANGE 37 EAST, NMPM
SECTION 5: SW/4

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

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

Abolish the Simanola-Pennsylvanian Pool in Lea County, New Mexico, described as:

Townships 10 South Range 34 East NMPM

Section 16: SW/4

Section 17: E/2

Section 20: All

Section 21: NW/4

Section 21. 1957
By Contract the Inbe Permo-Pennsylvanian Pool in,
Lea County, New Mexico, by deletion of the following
described areas:

Township 10 South, Range 34 East NMPM

Section 18: SW/4

Section 18: SWS/4
ii) Extend the Vada-Pennsylvanian Pool in Lea County, New Mexico to include therein:

c. 2) CREATE a new pool in Chaves County, designated as an oil pool - Queen production, and designated as the Salinar-Queen Pool comprising the following-described acreage: Township 15 South, Range 29 East NMPM

Further, for the assignment of approximately 10,155 barrels of oil discovery, allowed for discovery well, the Jack L NCClean.

✓ Lisa Federal "C" Well No. 1, located in Unit A of said Section 24.

27) Oil is a mineral in the County, and is classified
 as an oil field for the purpose of the act. The
 discovery well is the one (Old One) in the Township
 "7" well No. 1, located in the D & S Section 36, Township
 20 South, Range 38 East, N10W. Said pool should
 comprise:

Township 20 South, Range 38 East N10W

Sec 35: NE 1/4
 Sec 36: NW 1/4

also, in

Township 10 South, Range 34 East N10W

Sec 4: SW 1/4

Sec 5: SE 1/4

Secs 7 & 8: All

Sec 16: SW 1/4

Secs 17 & 18: All

Sec 20: All

Sec 21: NW 1/4

Return
 to John

if Create East Warren Drunkard's Cove
 new Precinct comprising the following described area:

Township 10 South, Range 34 East, N10W

Sec 35: NE 1/4

Sec 36: NW 1/4

Name
Address
Remarks:

Ph.

Name
Address
Remarks:

Ph.

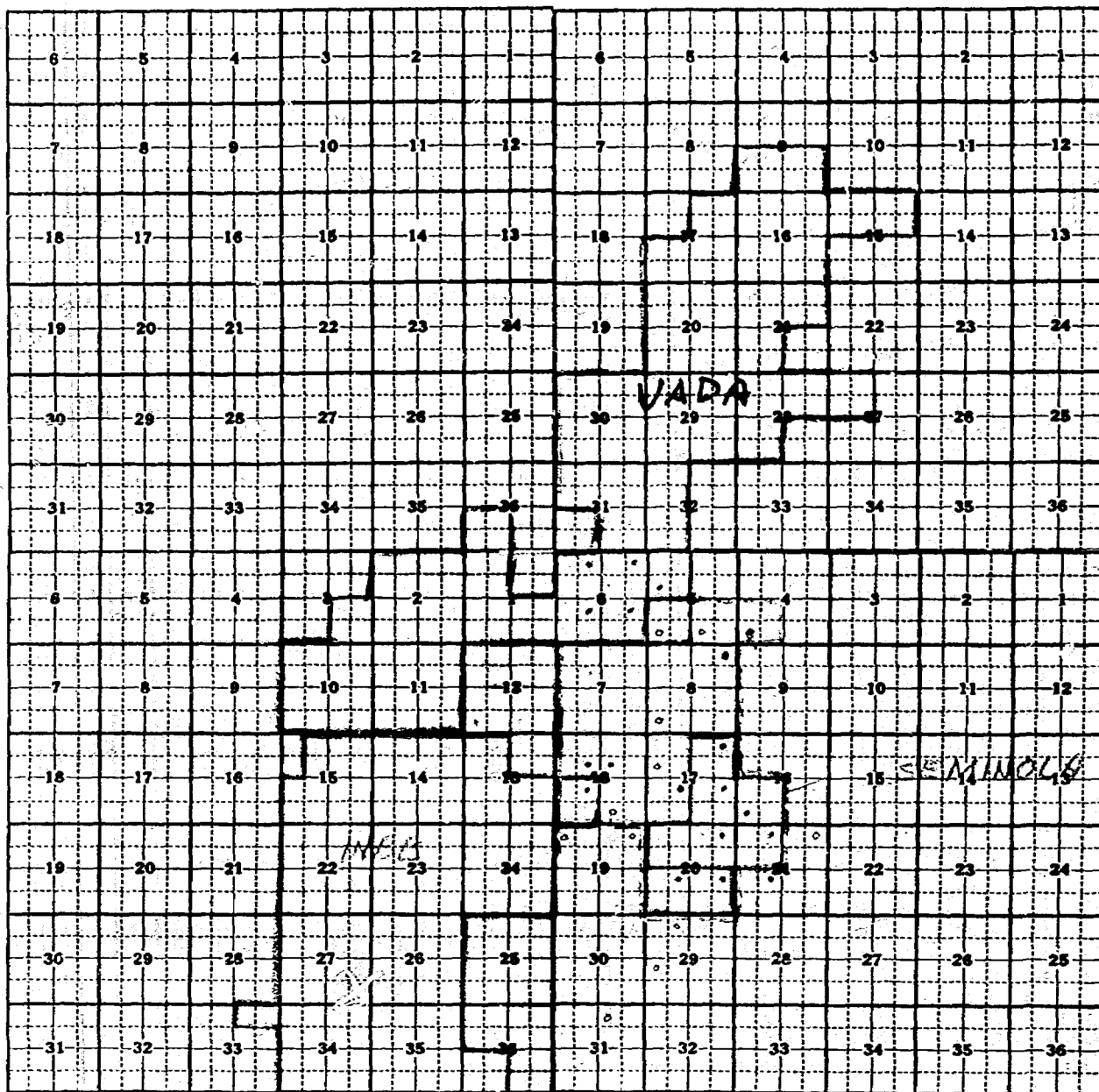
3836

33

34

9

10



T R 33 State or County T R 34 State or County

NEW POOLS

a) It is recommended that a new oil pool be created and designated as the SULIMAR-QUEEN Pool.

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

Discovery well was Jack L. McClellan - Lisa C. Federal #1 located in Unit A Section 24 Township 15 Range 29 and was completed on June 23, 1968 with an initial potential of 5000/10000 Top of perforations is at 2031 feet.

b) It is recommended that a new oil pool be created and designated as the DOGIE DRAW-WOLFCAMP Pool.

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

Discovery well was Southland Royalty Company - Gulf Federal #1 located in Unit D Section 20 Township 25 Range 35 and was completed on March 28, 1968 with an initial potential of 2000/10000 Top of perforations is at 13,466 feet.

c) It is recommended that a new oil pool be created and designated as the WEST KING-PENNSYLVANIAN Pool.

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

Discovery well was Southwest Production Corporation - Harmon #1 located in Unit N Section 5 Township 14 Range 37 and was completed on February 27, 1968 with an initial potential of 2000/10000 Top of perforations is at 11,399 feet.

NEW POOLS

d) It is recommended that a new oil pool be created and designated as the EAST WARREN-DRINKARD Pool.

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

Discovery well was Mobil Oil Corporation - New Mexico "F" #1 located in Unit D Section 36 Township 20 Range 38 and was completed on August 2, 1960 with an initial potential of 2133 BOPD/MCFGPD. Top of perforations is at 5933 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.

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

Purpose: One completed oil well capable of producing .

Discovery Well: Jack L. McClellan, Lisa C Federal well No. 1 in unit A of Section 24-15-29. Completed in Queen June 23, 1968, through perforations 2031' to 2039'.

Proposed pool boundary colored in green.

Section 24: NE $\frac{1}{4}$ NE $\frac{1}{4}$

COUNTY LEA POOL DOGIE DRAW-WOLFCAMP

TOWNSHIP <u>25 South</u>			RANGE <u>35 East</u>			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.SOUTHLAND ROYALTY COMPANY - Gulf Federal #1 in Unit D of Section 20-25-35.Completed in Wolfcamp on March 28, 1968. Top of Perforations 13,466'.Proposed pool boundary colored in red. SECTION 20: NW/4

COUNTY LEA

POOL WEST KING-PENNSYLVANIAN

TOWNSHIP 14 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.

SOUTHWEST PRODUCTION CORPORATION - Harmon #1 in Unit M of Section 5-14-37.

Completed in Pennsylvanian on February 27, 1968. Top of Perforations 11,399'.

Proposed pool boundary colored in red. SECTION 5: SW/4

CASE 3836: (d) CREATION OF A NEW OIL POOL

COUNTY LEA POOL EAST WARREN-DRINKARD

TOWNSHIP	20 South	RANGE	38 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

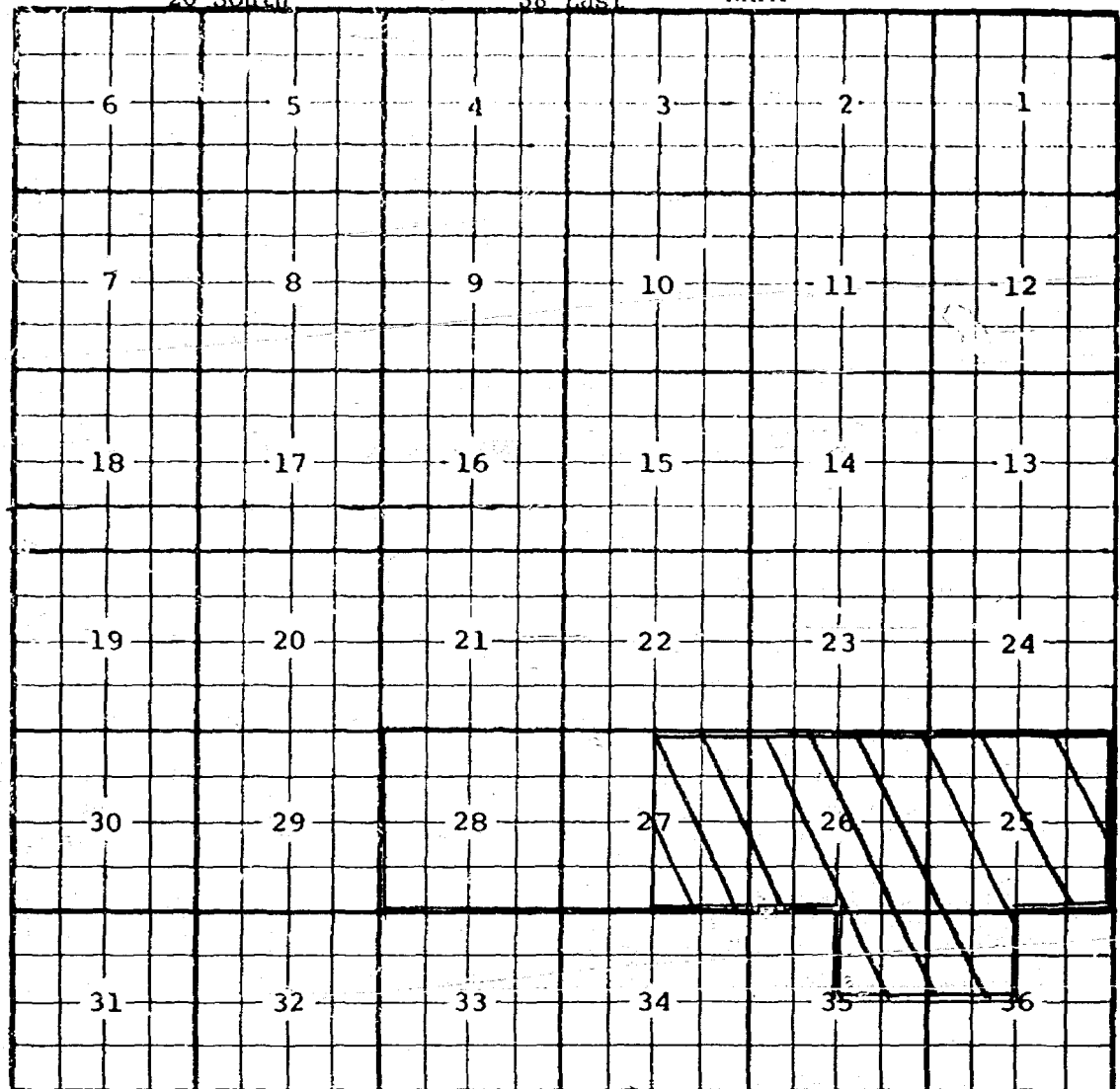
PURPOSE: To establish two separate pools from the Warren-Drinkard Pool rather than grant a GOR exception for Continental Oil Company's Warren Unit A #11 in Unit A of Section 35-20-38. The East Warren-Drinkard Pool will have no GOR limit and the said Continental well will be the only producer in this pool.

Discovery well--MOBIL OIL CORPORATION - New Mexico "F" #1 in Unit D of Section 36-20-38. Completed in Yeso on August 2, 1960. Top of Perforations 6933'.

Proposed pool boundary colored in red. SECTION 35: NE/4
SECTION 36: NW/4

COUNTY LEA POOL WARREN-DRINKARD

TOWNSHIP 20 South RANGE 38 East NMPM



PURPOSE: To create a separate oil pool by the contraction of the Warren-Drinkard Pool.

Pool boundary colored in red.

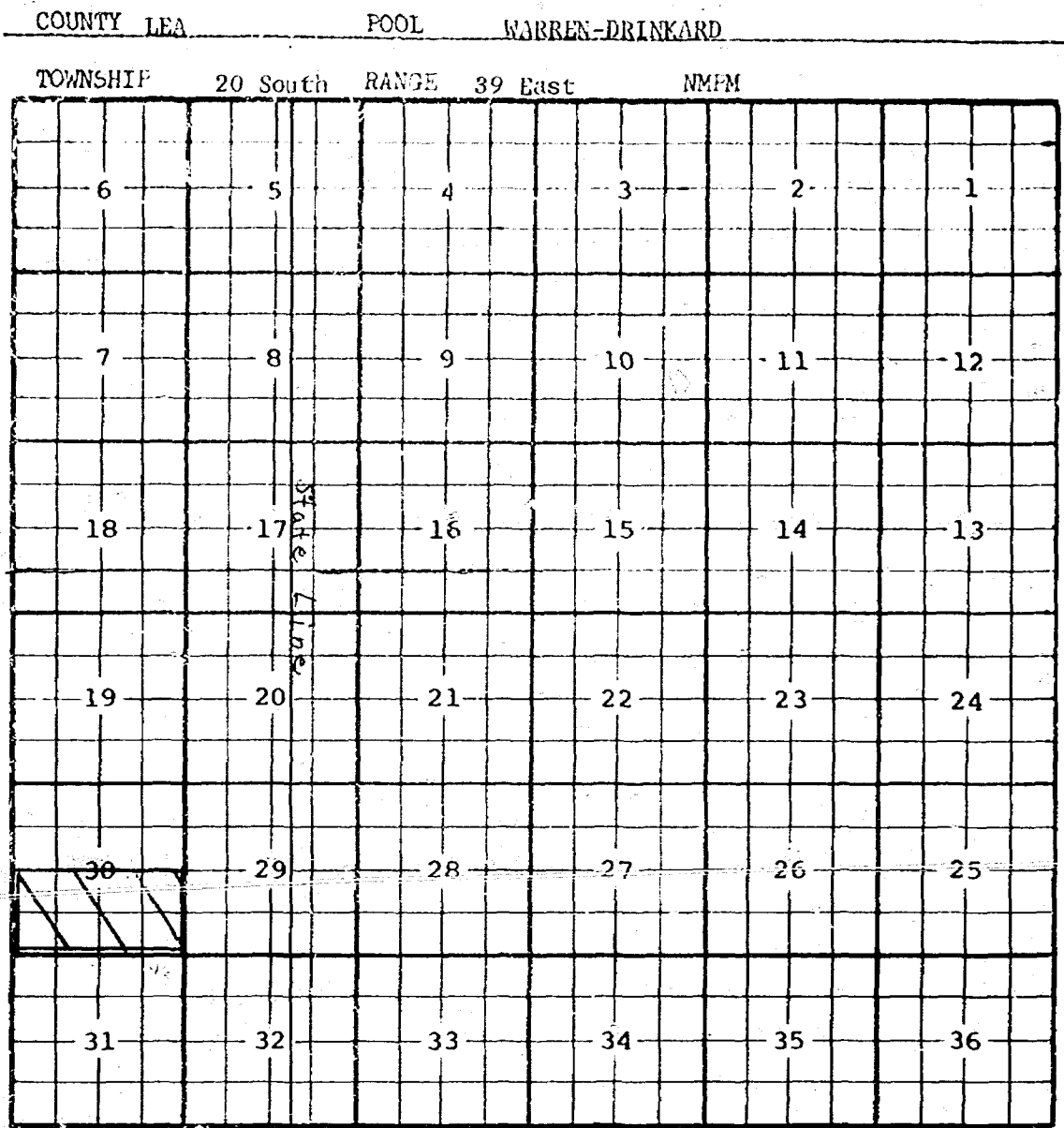
Proposed pool deletion colored in blue. SECTION 25: All

SECTION 26: All

SECTION 27: E/2

SECTION 35: NE/4

SECTION 36: NW/4



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

Proposed pool deletion colored in blue. SECTION 30: S/2

CASE 3836: (F) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA POOL FLYING "M"-SAN ANDRES

TOWNSHIP 9 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.

COASTAL STATES GAS PRODUCING COMPANY - Ainsworth "33" #1 in Unit P of Section 33-9-33. Completed in San Andres on June 7, 1968. Top of Perforations 4557'.

Pool boundary colored in red.

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

COUNTY LEA

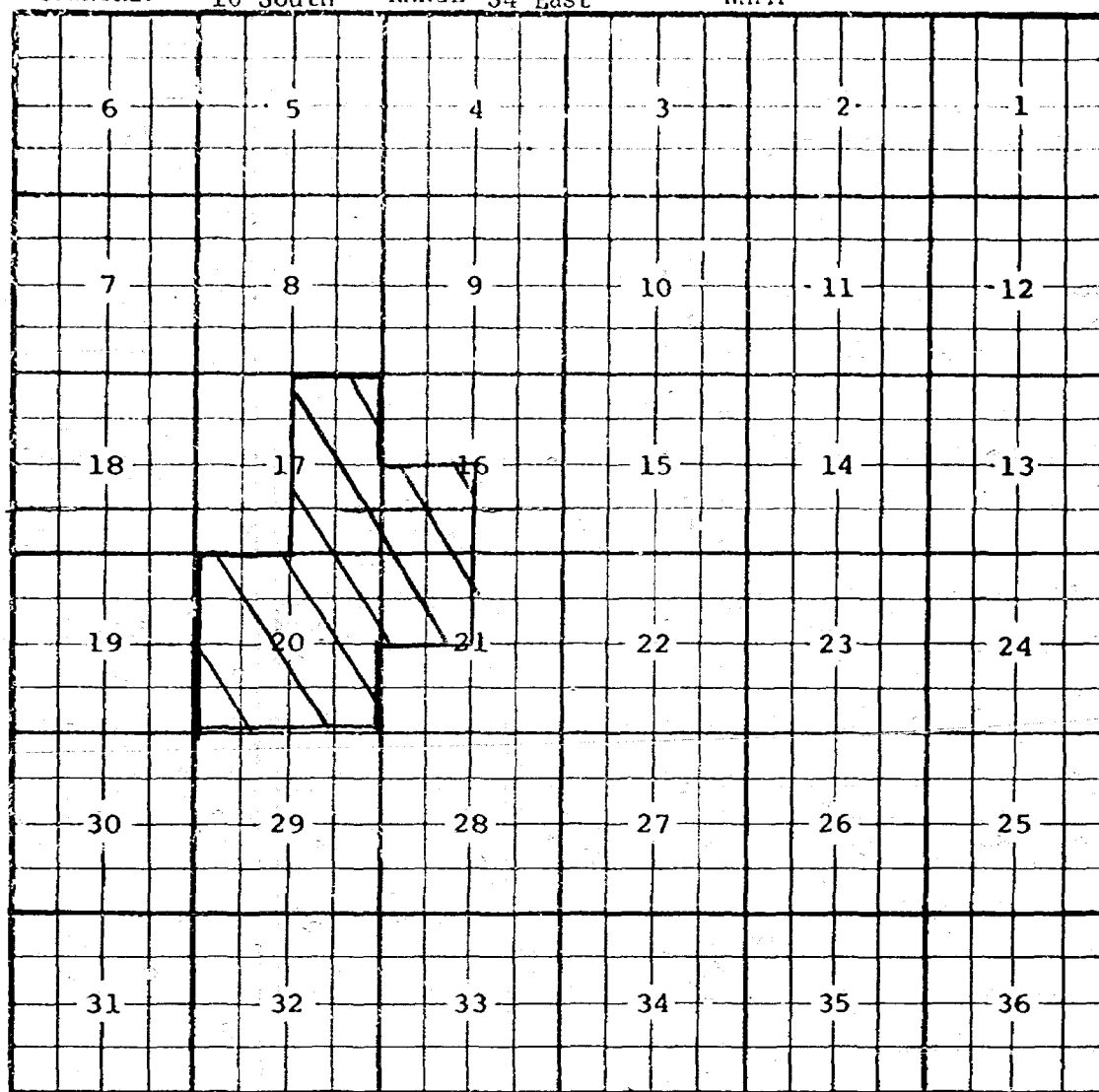
POOL SIMANOLA-PENNSYLVANIAN

TOWNSHIP

10 South

RANGE 34 East

NMFM



PURPOSE: Because this pool produces from the same geologic reservoir
 as the Vada-Pennsylvanian Pool, all acreage is to be placed in
 the Vada-Pennsylvanian Pool.

Proposed pool abolishment colored in blue. SECTION 16: SW/4

SECTION 17: E/2

SECTION 20: All

SECTION 21: NW/4

CASE 3836: (b) DELETION OF AN EXISTING OIL POOL

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

PURPOSE: Due to spacing and reservoir, the deleted acreage is to be placed in the Vada-Pennsylvanian Pool.

Proposed pool deletion colored in blue. SECTION 18: SW/4

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 10 South RANGE 34 East NMFM

A 6x6 grid with numbers 1 through 36. The numbers are arranged in a 3x3 block pattern, with each block being a 2x2 sub-grid of the original 6x6 grid. The numbers are placed in the center of each 2x2 sub-grid. The numbers are: 1, 2, 3, 4, 5, 6 in the first row; 7, 8, 9, 10, 11, 12 in the second row; 13, 14, 15, 16, 17, 18 in the third row; 19, 20, 21, 22, 23, 24 in the fourth row; 25, 26, 27, 28, 29, 30 in the fifth row; and 31, 32, 33, 34, 35, 36 in the sixth row. Thick black lines divide the grid into a 3x3 pattern of 2x2 blocks.

PURPOSE: To take in abolished acreage from the Simanola-Pennsylvanian Pool, to take in deleted acreage from the Inbe Permo-Pennsylvanian Pool, and five completed oil wells capable of producing. (Wells listed on attached sheet).

Pool boundary colored in red.

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

SECTION 5: SE/4

SECTION 7: All

SECTION 8: All

SECTION 16: SW/4

SECTION 17: All

SECTION 18: All

SECTION 20: All

SECTION 1: NW/4

COUNTY	LEA	POOL	VADA-PENNSYLVANIAN	
TOWNSHIP	10 South	RANGE	34 East	NMPM

CHAMPLIN PETROLEUM COMPANY - State "8" #1 in Unit A of Section 8-10-34.
Completed in Bough C on July 23, 1968. Top of Perforations 9908'.

R. R. MORRISON - State "17" #1 in Unit K of Section 17-10-34. Completed
in Pennsylvanian on July 30, 1968. Top of Perforations 9924'.

CHAMPLIN PETROLEUM COMPANY - State "18" #2 in Unit G of Section 18-10-34.
Completed in Bough "C" on June 12, 1968. Top of Perforations 9880'.

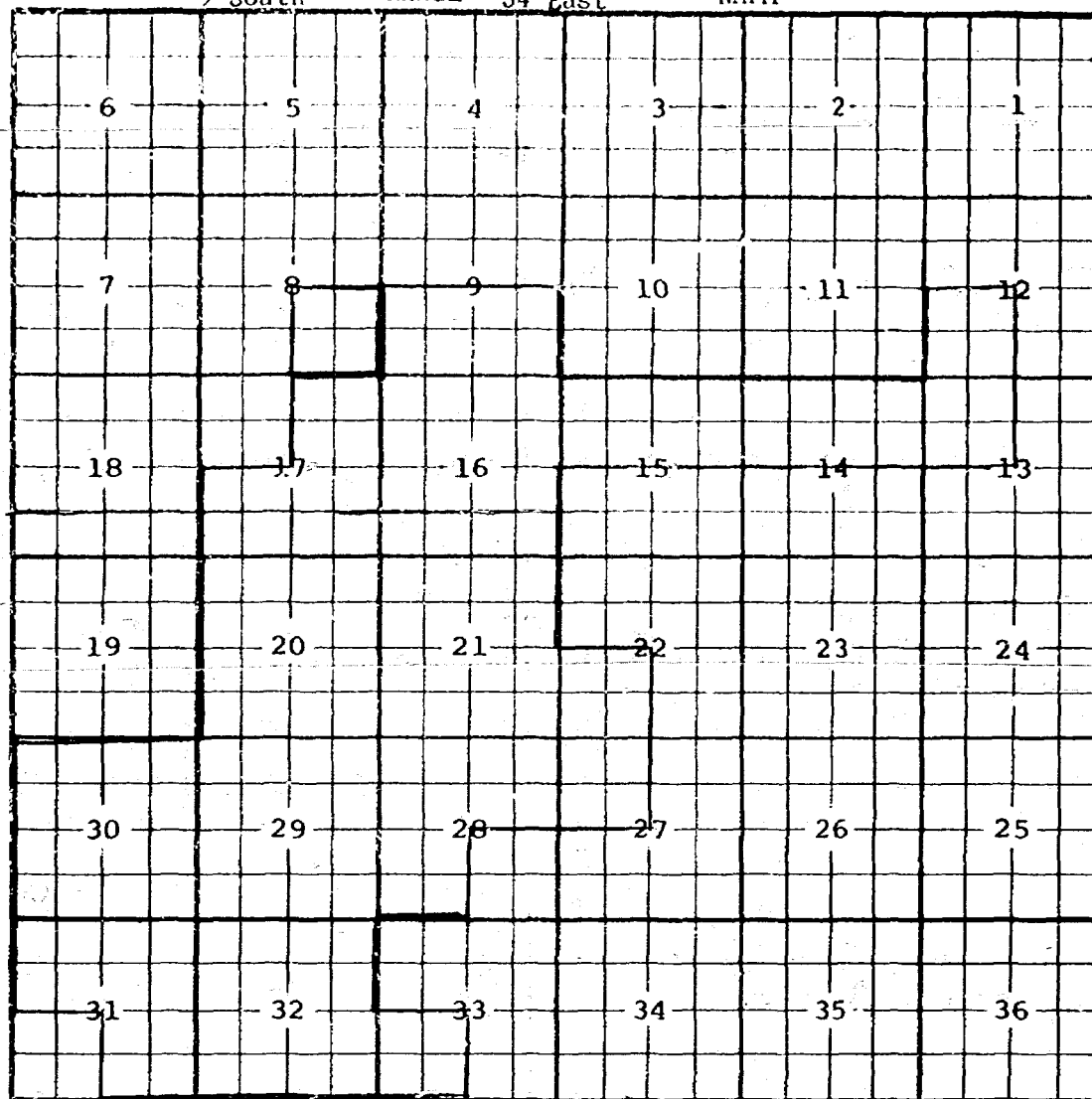
CHAMPLIN PETROLEUM COMPANY - State "18" #3 in Unit O of Section 18-10-34.
Completed in Bough "C" on July 28, 1968. Top of Perforations 9901'.

CHARLES B. READ - Continental State #1 in Unit F of Section 18-10-34.
Completed in Bough C on June 14, 1968. Top of Perforations 9867'.

CASE 3836: (i) EXTENSION OF AN EXISTING OIL POOL (Continued)

COUNTY LEA POOL VADA-PENNSYLVANIAN

TOWNSHIP 9 South RANGE 34 East NMFM



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

ADDITION--MIDWEST OIL CORPORATION - James Pet. Corp. #1 in Unit O of
Section 8-9-34. Completed in Bough C on July 11, 1968. Top
of Perforations 9723'.

Pool boundary colored in red.

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

dearnley-meier reporting service, inc.

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

1120 SIMAS BLDG. • P. O. BOX 1992 • PHONE 243-4491 • ALBUQUERQUE, NEW MEXICO

BEFORE THE
NEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico
August 14, 1968

IN THE MATTER OF: Southeastern nomenclature)
case calling for an order for the creation,)
extension, abolishment and contraction of) Case No. 3836
certain pools in Lea and Chaves Counties,)
New Mexico.)

BEFORE: A. L. PORTER, JR.,
Secretary-Director

TRANSCRIPT OF HEARING

MR. PORTER: We will take up Case 3836.

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

(Exhibit 1 marked for identification.)

(Witness sworn.)

* * * * *

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

DIRECT EXAMINATION

BY MR. HATCH:

Q State your name and position for the record.

A Dan Nutter, Chief Engineer for the Oil Conservation Commission.

Q Are you prepared to make recommendations to the Commission concerning the creation, extension, abolishment and contraction of certain pools in Chaves --

A Yes, I am.

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

A Yes, they are.

Q Would you identify the exhibit, please?

A That exhibit has been identified as Oil Conservation

Commission Exhibit No. 1 in Case 3836.

Q Would you please refer to Exhibit 1 and to paragraph A of the exhibit and make the recommendation concerning the creation of a new oil pool in Chaves County, New Mexico, and the assignment of an oil discovery allowable?

A Yes, I would recommend that a new pool in Chaves County, classified as an oil pool for Queen production and designated as the Sulimar, S-u-l-i-m-a-r, Queen Pool be created. It would comprise the northeast quarter northeast quarter of Section 24, Township 15 South, Range 29 East. The discovery well for this pool is Jack L. McLellan's Lisa Federal "C" Well No. 1 located in Unit A of said Section 24. I would further recommend that approximately 10,155 barrels of oil discovery allowable be assigned to this well. It was completed as a small producer and I'm not sure it's still capable of making it, but the discovery allowable should be assigned to the well as long as it is capable of making it.

Q Would you please refer again to Exhibit 1 and to paragraph (b) through (i) of the Docket and point out any corrections that need to be made in the Docket?

A Yes. I would recommend that paragraph (b) and (c) be adopted as shown on the Docket. These are for the creation of two pools. I would also recommend that a new pool classified as an oil pool for Drinkard Production be created. It would be designated the East Warren-Drinkard

Pool comprising the northeast quarter of Section 35 and the northwest quarter of Section 36 of Township 20 South, Range 38 East. This pool is being created out of some acreage which would be deleted from the presently defined Warren-Drinkard pool. The Warren-Drinkard pool, for some reason, contains a great amount of non-productive acreage from the Drinkard formation; we're contracting the Warren-Drinkard Pool to the limits that are appropriate as far as production is concerned in the Warren-Drinkard and creating this new East Warren-Drinkard Pool.

Further, I would recommend that consideration be given by the Secretary Director of the Commission to establishing a no limit gas-oil ratio for the East Warren pool under administrative procedures. There is one producing well in this pool at the present time. It has an extremely high gas-oil ratio and no damage would be done to any other well that is presently producing, by producing this one well without a gas-oil ratio limitation.

Q Are those shown in paragraph (d) and (e)?

A Yes. The creation and contraction are shown in paragraphs (d) and (e).

I would recommend as far as paragraph (f) is concerned that the Flying "M" San Andres pool be extended as shown on the docket.

The next three paragraphs relate to three pools which have a common problem. Paragraph (g) would abolish the Simanola-Pennsylvanian Pool in Sections 16, 17, 20 and 21 of Township 10 South, Range 34 East. Paragraph (h) would contract the Inbe-Pennsylvanian Pool by the deletion of the southwest quarter of Section 18, Township 10 South, Range 34 East, and paragraph (i) would extend the Vada-Pennsylvanian Pool which presently comprises acreage in Township 9 South, Ranges 33 and 34 East, and Township 10 South, Ranges 33 and 34 East. The Vada-Pennsylvanian Pool is on 160-acre spacing. The development in the Simanola area and in intervening acreage between the Simanola Pool and the Vada Pool, the development so far has been on 160-acre spacing; therefore the extension of the Vada Pool southward into Township 10 South, Range 34 East, and the accompanying abolishment of the Simanola Pool and the deletion of that acreage in Township 10 South, Range 34 East from the Inbe-Pennsylvanian Pool will permit the continued development of Township 10 South, Range 34 East on 160-acre spacing.

In addition to the acreage that is shown on the docket for extension to the Vada-Pennsylvanian Pool, I would recommend that the southeast quarter of Section 8, Township 9 South, Range 34 East also be added to that pool.

Is that the last paragraph on that?

Q That's the last paragraph.

A That's the only deviation from the thing as shown on the docket.

Q Do you recommend to the Commission that the pools be created, extended, abolished and contracted as advertised and corrected in this hearing?

A Yes, I do, and in connection with this case, I have a telegram from Charles B. Reed, concurring in the proposed extension of the Vada-Pennsylvanian Pool and also a letter from Sunray D. X. Oil Company, requesting that the Simanola be abolished and the Vada be extended to that area.

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

A Yes, it was.

MR. HATCH: I move the introduction of Exhibit 1.

MR. PORTER: The exhibit will be admitted.

(Whereupon, Exhibit 1 admitted into evidence.)

CROSS EXAMINATION

BY MR. PORTER:

Q Mr. Nutter, in connection with your recommendations of this gas-oil ratio limit on the Warren-Drinkard Pool, when this Order has been issued, would you kindly give the

Secretary-Director a memo recommending it?

A Yes, sir, I will, and in connection with this, I would remark that we recently heard a case that was the application of Continental Oil Company for an exception to the gas-oil ratio limits for the Warren-Drinkard Pool because of this high ratio well which is some two miles east of the rest of the production in the pool, and we have made a study of the structure in the area and of the completed intervals for this well as compared with the other wells in the Warren-Drinkard and it appears quite obvious that this is a separate pool. This will be included in the memo.

MR. PORTER: I recall looking at the map.

MR. NUTTER: The other Continental case can be either dismissed or denied then.

MR. PORTER: Any questions of Mr. Nutter? He may be excused.

(Witness excused.)

MR. PORTER: Does anybody have any statement to make in this nomenclature case?

MR. PERDUE: I am Howard Perdue with Union Texas Petroleum and we are in favor of the extension of the Vada Pool as outlined.

MR. PORTER: Thank you, sir. If there are no other

8
comments, no other statements, the Commission will take the case under advisement, and the hearing is adjourned.

STATE OF NEW MEXICO)
) ss
COUNTY OF BERNALILLO)

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

WITNESS my hand and seal this 28th day of August, 1968.

Ada Dearnley
ADA DEARNLEY

I N D E X

WITNESS	PAGE
<u>DANIEL S. NUTTER</u>	
Direct Examination by Mr. Hatch	2
Cross Examination by Mr. Porter	

<u>EXHIBIT</u>	<u>MARKED</u>	<u>OFFERED AND ADMITTED</u>
No. 1	2	6

CASE 8836: (a) CREATION OF A NEW OIL POOL

COUNTY Chaves						POOL Sulimar- Queen					
TOWNSHIP 15 S						RANGE 29 E 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 .

Discovery Well: Jack L. McClellan, Lisa C Federal well No.

1 in unit A of Section 24-15-29. Completed in Queen June 23, 1968, through perforations 2031' to 2039'.

Proposed pool boundary colored in green.

Section 24: NE $\frac{1}{4}$ NE $\frac{1}{4}$

COUNTY **LEA**

POOL

DOGIE DRAW-WOLFCAMPTOWNSHIP **25 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 oil well capable of producing.**SOUTHLAND ROYALTY COMPANY** - Gulf Federal #1 in Unit D of Section 20-25-35.

Completed in Wolfcamp on March 28, 1968. Top of Perforations 13,466'.

Proposed pool boundary colored in red. SECTION 20: NW/4

CASE 3836: (c) CREATION OF A NEW OIL POOL

COUNTY **LEA**

POOL **WEST KING-PENNSYLVANIAN**

TOWNSHIP

14 South

RANGE

37 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.

SOUTHWEST PRODUCTION CORPORATION - Harmon #1 in Unit M of Section 5-14-37.

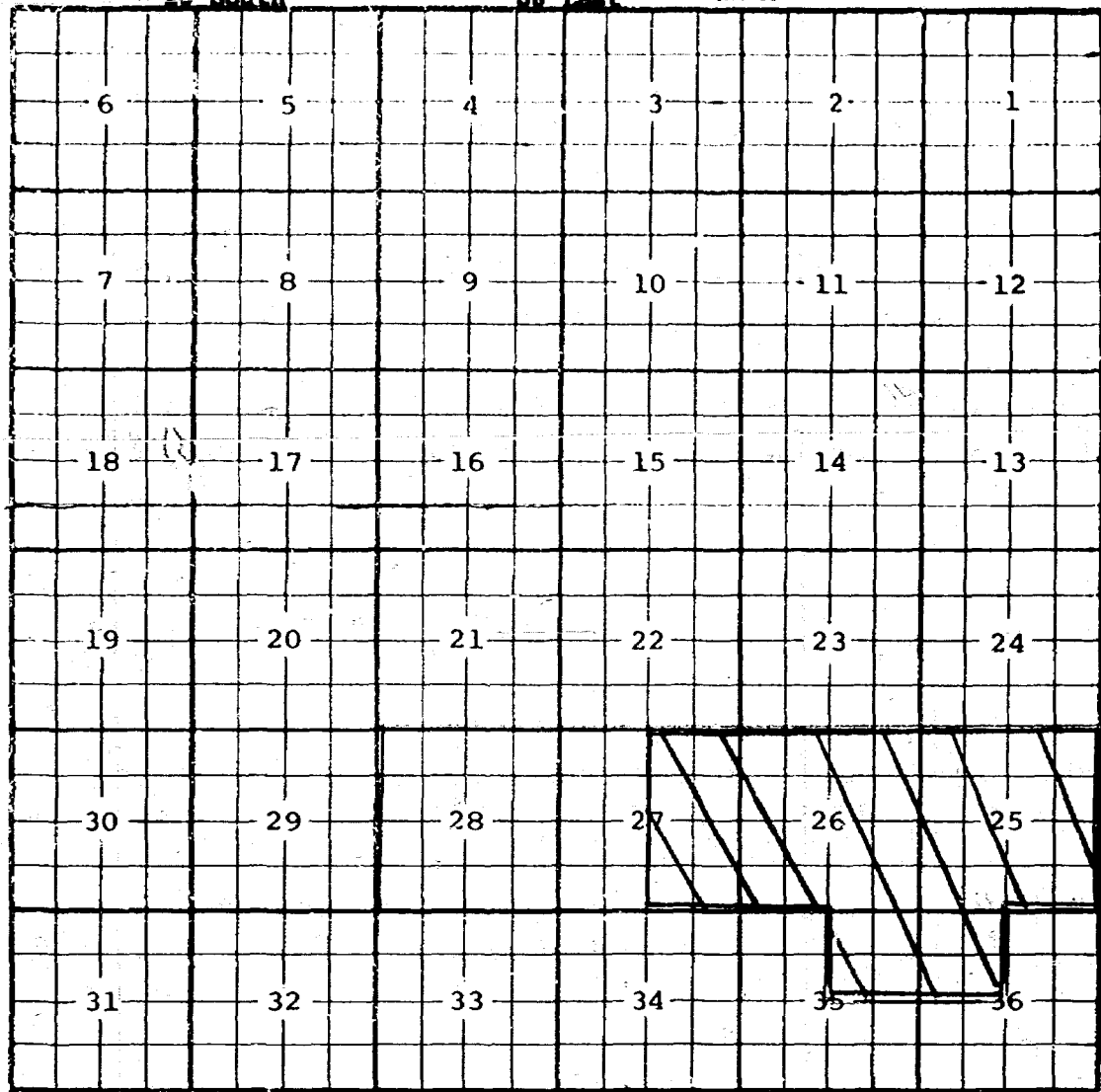
Completed in Pennsylvanian on February 27, 1968. Top of Perforations 11,899'.

Proposed pool boundary colored in red. SECTION 5: SW/4

Proposed pool boundary colored in red. SECTION 35: NE/4
SECTION 36: NW/4

COUNTY **LEA** POOL **WARREN-DRINKARD**

TOWNSHIP **20 South** RANGE **38 East** NMFM



PURPOSE: To create a separate oil pool by the contraction of the Warren-Drinkard Pool.

Pool boundary colored in red.

Proposed pool deletion colored in blue. SECTION 25: All

SECTION 26: All

SECTION 27: E/2

SECTION 35: NE/4

SECTION 36: NW/4

COUNTY LEA POOL WARREN-DRINKARD

TOWNSHIP 20 South RANGE 39 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

State Line

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

Proposed pool deletion colored in blue. SECTION 30: 8/2

CASE 3836: (f) EXTENSION OF AN EXISTING OIL POOL

COUNTY LEA

POOL FLYING "M"-SAN ANDRES

TOWNSHIP 9 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.

COASTAL STATES GAS PRODUCING COMPANY - Ainsworth "33" #1 in Unit P of Section 33-9-33. Completed in San Andres on June 7, 1968. Top of Perforations 4557'.

Pool boundary colored in red.

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

COUNTY **LEA**

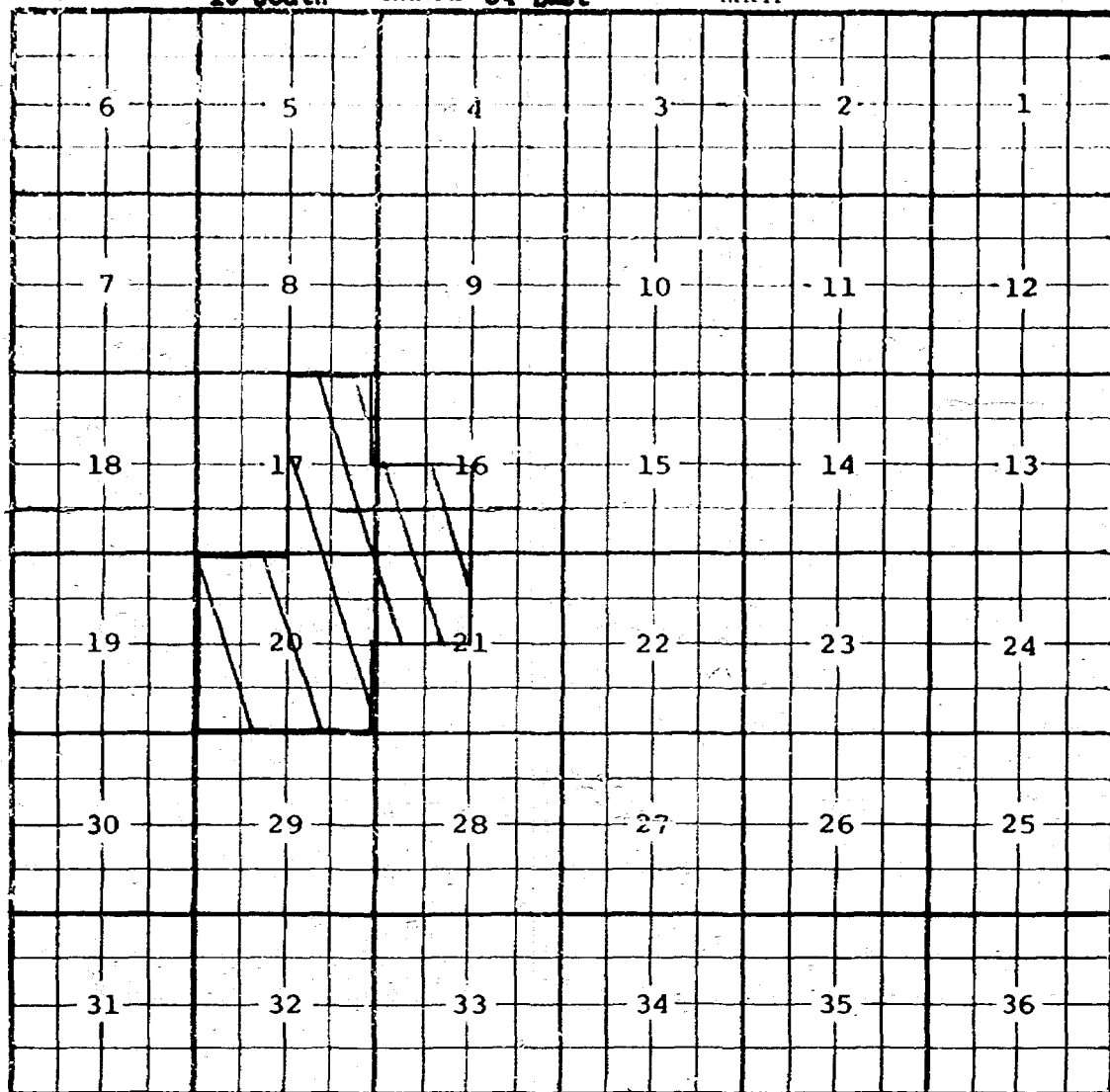
POOL **SIMANOLA-PENNSYLVANIAN**

TOWNSHIP

10 South

RANGE **34 East**

NMPM



PURPOSE: Because this pool produces from the same geologic reservoir as the Vada-Pennsylvanian Pool, all acreage is to be placed in the Vada-Pennsylvanian Pool.

Proposed pool abolition colored in blue. SECTION 16: SW/4

SECTION 17: E/2

SECTION 20: All

SECTION 21: NW/4

CASE 3836: (h) DELETION OF AN EXISTING OIL POOL

COUNTY	LEA	POOL	INBE PERMO-PENNSYLVANIAN		
TOWNSHIP	10 South	RANGE	34 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: Due to spacing and reservoir, the deleted acreage is to be placed in the Vada-Pennsylvanian Pool.

Proposed pool deletion colored in blue. SECTION 18: SW/4

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

PURPOSE: To take in abolished acreage from the Simanola-Pennsylvanian Pool, to take in deleted acreage from the Inbe Penno-Pennsylvanian Pool, and five completed oil wells capable of producing.
(Wells listed on attached sheet).

Pool boundary colored in red.

Proposed pool extensions colored in green.

SECTION 4:	SW/4
SECTION 5:	SE/4
SECTION 7:	All
SECTION 8:	All
SECTION 16:	SW/4
SECTION 17:	All
SECTION 18:	All
SECTION 20:	All
SECTION 21:	NW/4

COUNTY	LEA	POOL	VADA-PENNSYLVANIAN	
TOWNSHIP	10 South	RANGE	34 East	NMPW

CHAMPLIN PETROLEUM COMPANY - State "8" #1 in Unit A of Section 8-10-34.
Completed in Bough C on July 23, 1968. Top of Perforations 9908'.

R. R. MORRISON - State "17" #1 in Unit K of Section 17-10-34. Completed
in Pennaylvanian on July 30, 1968. Top of Perforations 9924'.

CHAMPLIN PETROLEUM COMPANY - State "18" #2 in Unit G of Section 18-10-34.
Completed in Bough "C" on June 12, 1968. Top of Perforations 9880'.

CHAMPLIN PETROLEUM COMBANY - State "18" #3 in Unit O of Section 18-10-34.
Completed in Bough "G" on July 28, 1968. Top of Perforations 9901'.

CHARLES B. READ - Continental State #1 in Unit F of Section 18-10-34.
Completed in Bough C on June 14, 1968. Top of Perforations 9867'.

COUNTY LEA

POOL VADA-PENNSYLVANIAN

TOWNSHIP 9 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: As stated on preceding page, paragraph (1), Exhibit I.

ADDITION--MIDWEST OIL CORPORATION - James Pet. Corp. #1 in Unit C of Section 8-9-34. Completed in Bough C on July 11, 1968. Top of Perforations 9728'.

Pool boundary colored in red.

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

7

26

6885
69406820
6940

6-67

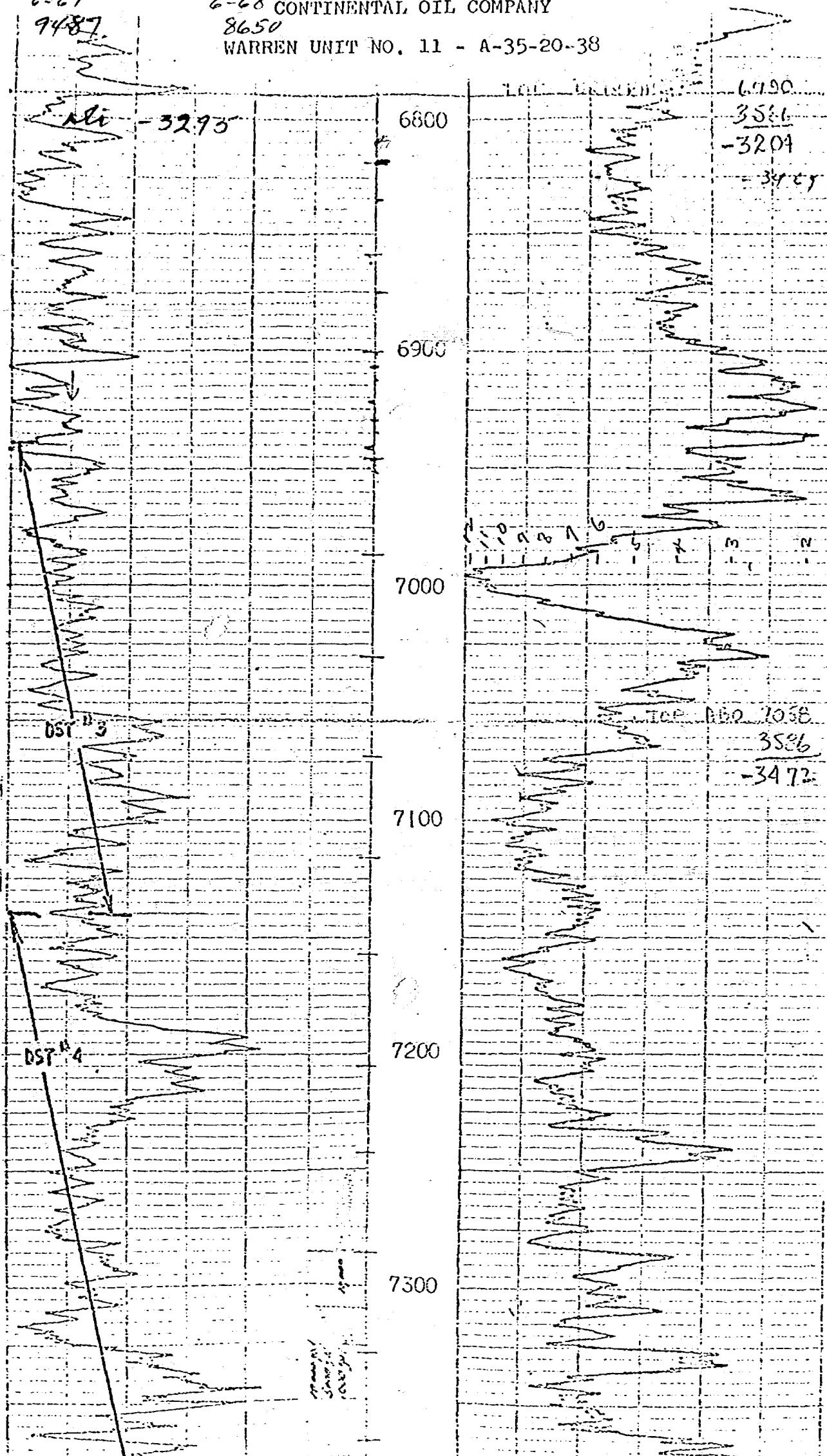
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6-68

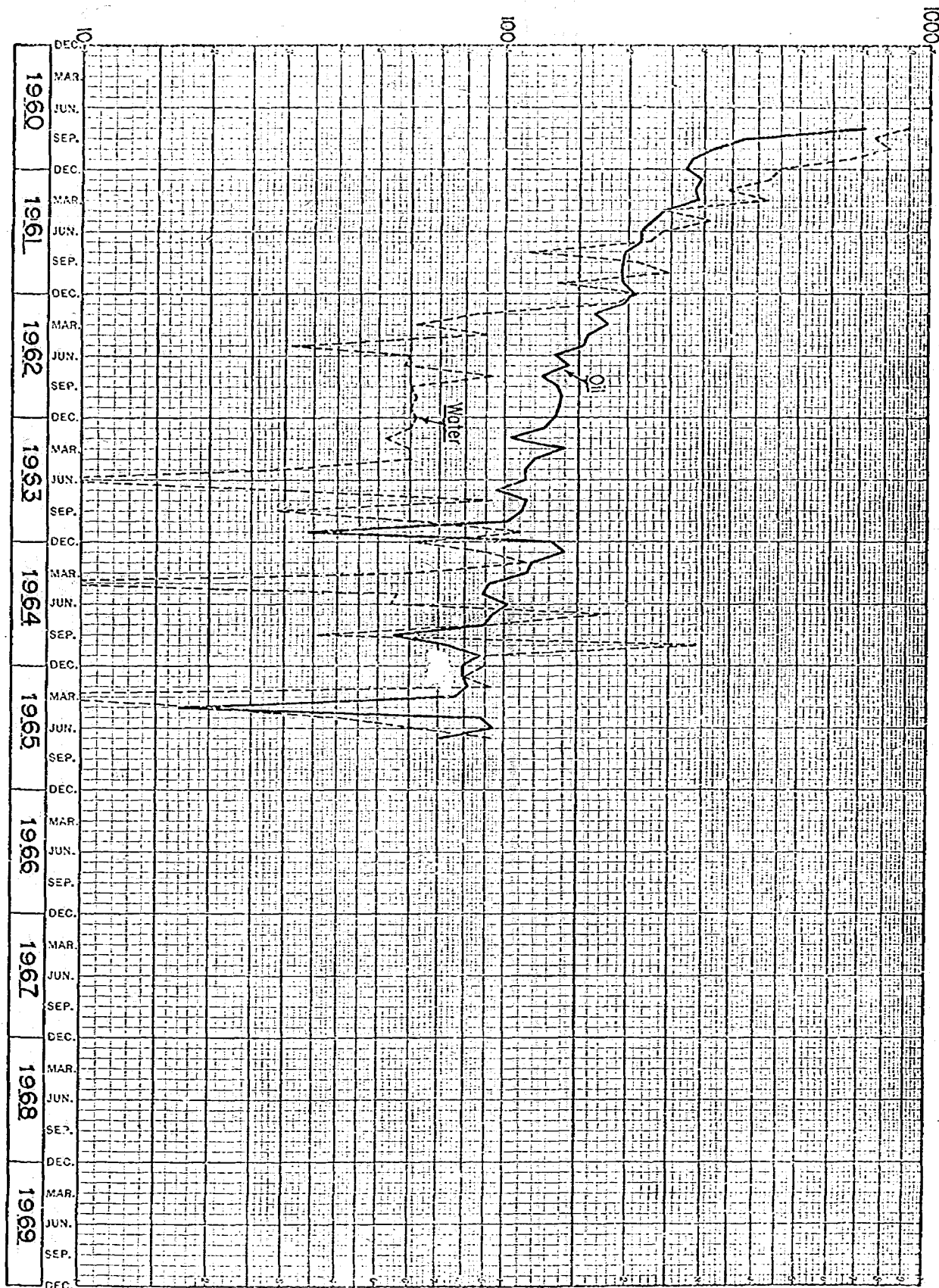
CONTINENTAL OIL COMPANY

8650

WARREN UNIT NO. 11 - A-35-20-38



OIL & WATER PRODUCTION-Bbls./MONTH



MOBIL OIL CORP
NEW MEXICO "F" NO. 1
WEIR DRINKARD

