

EXHIBIT NO. BOTTOM HOLE PRESSURE DATA (-8000' DATUM)
VACUUM DEVONIAN OIL POOL
LEA COUNTY, NEW MEXICO

<u>Pressure No.</u>	<u>Operator & Lease</u>	<u>Well No.</u>	<u>Shut In Time Hrs.</u>	<u>Reservoir Pressure psia</u>	<u>Cumulative Production Bbls.</u>	<u>Remarks</u>
1	Mobil State Bridges	95	1	4854*	None	12,065-096 rec. oil
			1	4768*	None	12,141-166 rec. SW
			72	1679	15,333	
3	Texaco St. "O" NCP-1	11	0.5	4100*	None	12,025-135 rec. 30' oil
			48	4521	4,274	
2	Mobil State Bridges	96	2	4752*	3,440	12,290-390 rec. water
4	Marathon St. McCallister	5	0.5	4501*	9,273	12,065-117 rec. 90' oil
			80	4056	23,962	
5	Texaco St. "O" NCP-1	17	48	4733	37,109	
6	State "L"	6	0.5	4766*	45,974	12,208-255 rec. 4800' water
7	Marathon St. McCallister	7	0.5	4757*	50,111	12,115-125 rec. 180' oil
8	Texaco State "M"	5	0.5	4407*	83,133	12,160-215 rec. 270' water
9	Arrowater State "F"	6	0.5	4142*	83,133	12,034-110 rec. 8200' oil
10	Texaco State "Q"	4	0.5	4785*	146,769	12,255-285 rec. 510' water

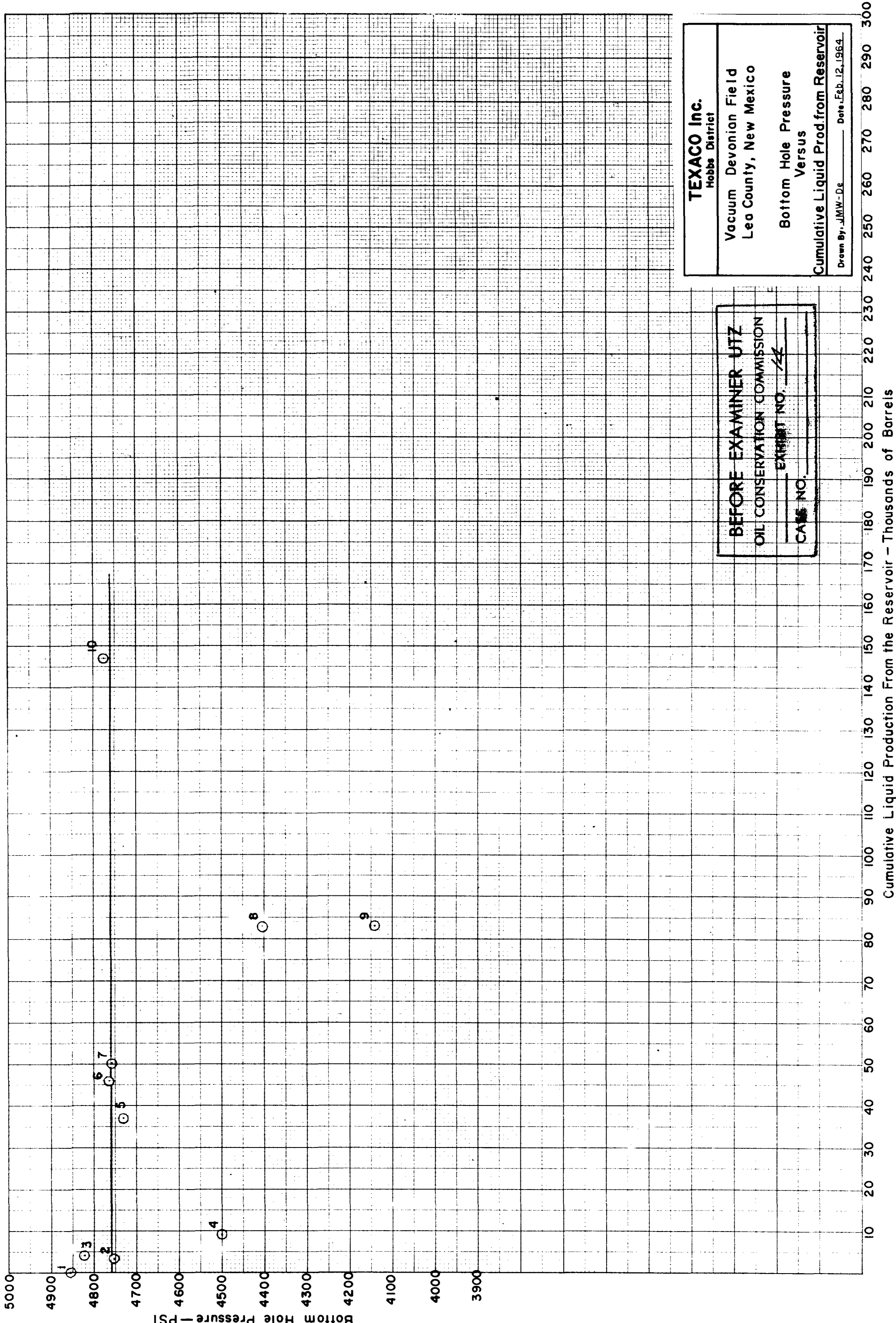
*Drill stem test pressure. All others are bomb pressures.

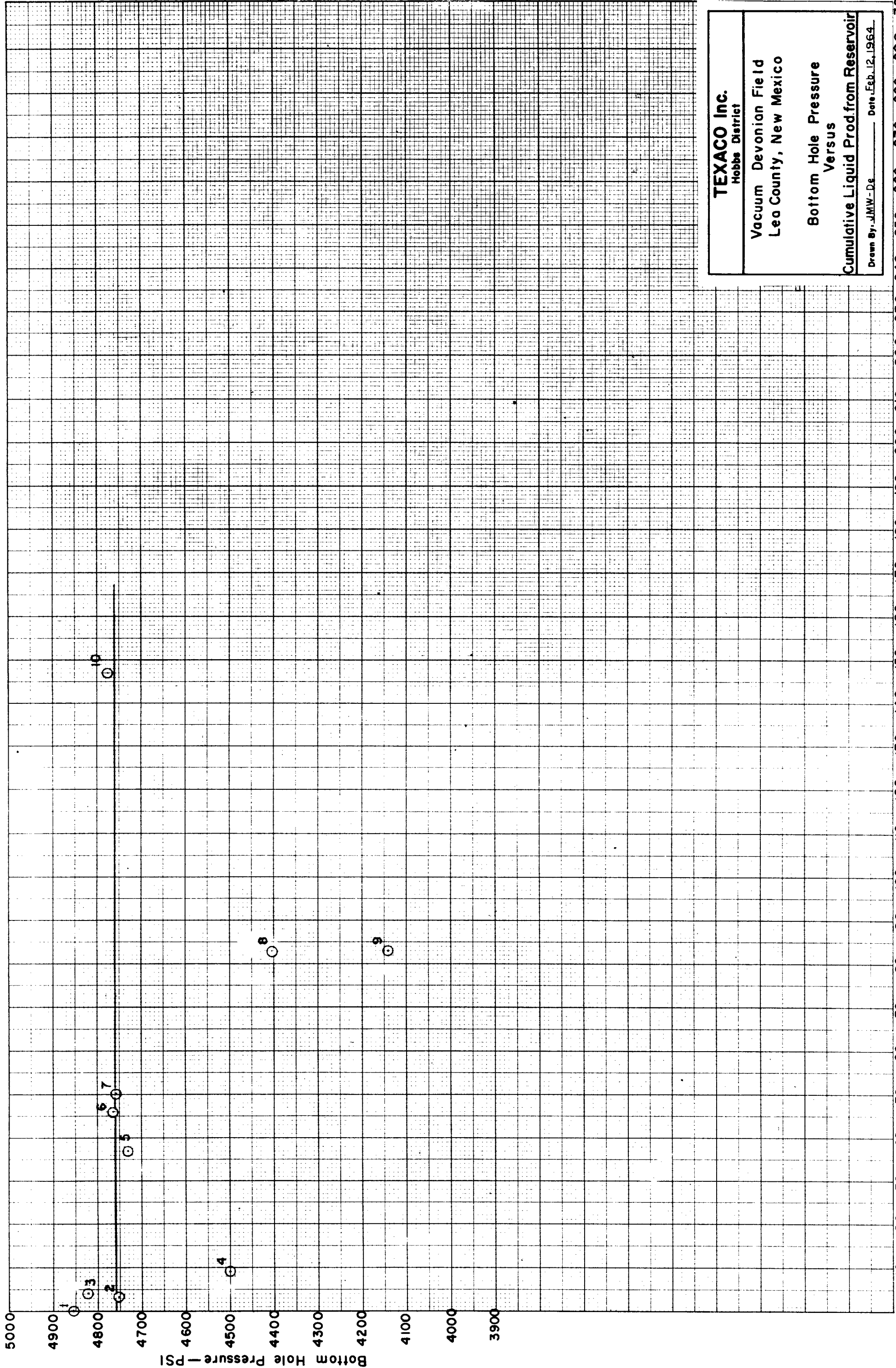
BEFORE EXAMINER UTZ

OIL CONSERVATION COMMISSION

EXHIBIT NO. 13

CASE NO. _____





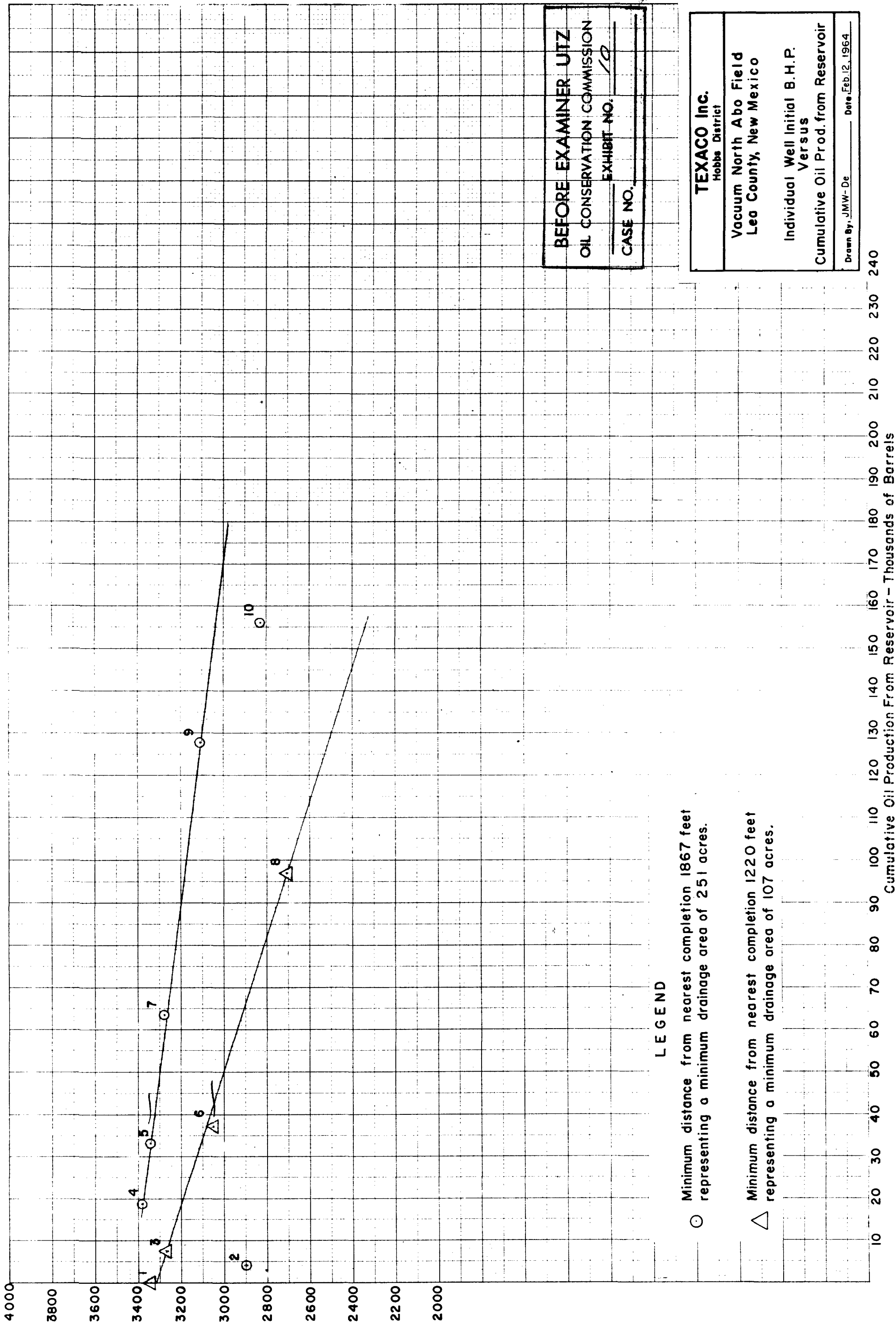
TEXACO Inc.
Hobbs District

Vacuum Devonian Field
Lea County, New Mexico

Bottom Hole Pressure
Versus
Cumulative Liquid Prod from Reservoir

Drawn By: JMW-Dg Date: Feb. 12, 1964

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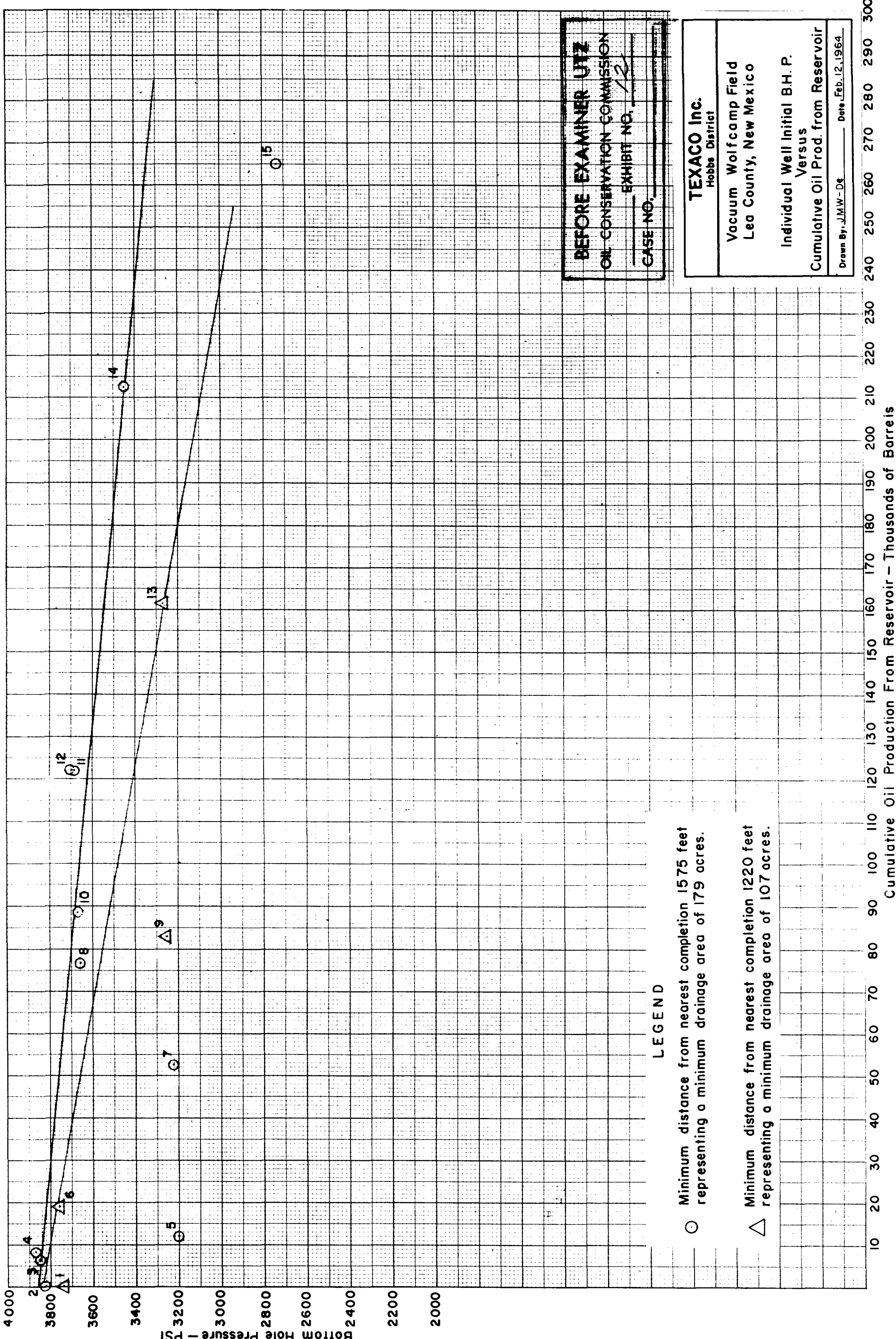
LEGEND

○ Minimum distance from nearest completion 1867 feet representing a minimum drainage area of 251 acres.

△ Minimum distance from nearest completion 1220 feet representing a minimum drainage area of 107 acres.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 19
CASE NO.

TEXACO Inc. Hobbs District
Vacuum North Abo Field Lea County, New Mexico
Individual Well Initial B.H.P. Versus Cumulative Oil Prod. from Reservoir
Drawn By, JMW-De Date, Feb. 12, 1964



LEGEND

- Minimum distance from nearest completion 1575 feet representing a minimum drainage area of 179 acres.
- △ Minimum distance from nearest completion 1220 feet representing a minimum drainage area of 107 acres.

BEFORE EXAMINER UTZ
OIL CONSERVATION COMMISSION
EXHIBIT NO. 12
CASE NO.

TEXACO Inc. Hobbs District	
Vacuum Wolfcamp Field Lea County, New Mexico	
Individual Well Initial B.H. P. Versus Cumulative Oil Prod. from Reservoir	
Drawn By, JMW-Dc	Date, Feb. 12, 1964

Cumulative Oil Production From Reservoir - Thousands of Barrels

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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. 2739
Order No. R-2421
NOMENCLATURE

APPLICATION OF SOCONY MOBIL OIL
COMPANY, INC., TO CREATE A NEW
POOL FOR ABO PRODUCTION AND FOR
SPECIAL POOL RULES, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on January 23, 1963, at Santa Fe, New Mexico, before Elvis A. Utz, Examiner duly appointed by the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," in accordance with Rule 1214 of the Commission Rules and Regulations.

NOW, on this 13th day of February, 1963, the Commission, a quorum being present, having considered the application, the evidence adduced, and the recommendations of the Examiner, Elvis A. Utz, 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 the applicant, Socony Mobil Oil Company, Inc., seeks the creation of a new pool for Abo production and the promulgation of temporary special rules and regulations governing said pool, including a provision for 80-acre spacing units.

(3) That a new oil pool for Abo production should be created and designated the North Vacuum-Abo Oil Pool. This pool was discovered by the Socony Mobil State Bridges Well No. 95, located in Unit P of Section 26, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico. The top of the perforations in the Abo formation is at 9070 feet.

(4) That temporary special rules and regulations establishing 80-acre spacing should be promulgated for the subject pool in order to prevent the possibility of economic loss resulting from the drilling of unnecessary wells and in order to allow the operators in the subject pool to gather information concerning the reservoir characteristics of the pool.

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CASE No. 2739

Order No. R-2421

(5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.

(6) That the temporary special rules and regulations should be established for a one-year period and that during this one-year period all operators in the subject pool should gather all available information relative to drainage and recoverable reserves.

(7) That this case should be reopened at an examiner hearing in February, 1964, at which time the operators in the subject pool should appear and show cause why the North Vacuum-Abo Oil Pool should not be developed on 40-acre proration units.

IT IS THEREFORE ORDERED:

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

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM
Section 26: SE/4

(2) That special rules and regulations for the North Vacuum-Abo Oil Pool are hereby promulgated as follows, effective March 1, 1963.

SPECIAL RULES AND REGULATIONS
FOR THE
NORTH VACUUM-ABO OIL POOL

RULE 1. Each well completed or recompleted in the North Vacuum-Abo Oil Pool or in the Abo formation within one mile of the North Vacuum-Abo Oil Pool, and not nearer to or within the limits of another designated Abo pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well completed or recompleted in the North Vacuum-Abo Oil Pool shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a single governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising

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CASE No. 2739
Order No. R-2421

a single quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. The first well drilled on every standard or non-standard unit in the North Vacuum-Abo Oil Pool shall be located within 200 feet of the center of either the NW/4 or the SE/4 of a governmental quarter section.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled to another horizon. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) in the North Vacuum-Abo Oil Pool shall be assigned an 80-acre proportional factor of 4.77 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable in the North Vacuum-Abo Oil Pool as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the Abo formation within the North Vacuum-Abo Oil Pool or within one mile of the North Vacuum-Abo Oil Pool that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of Rule 4. The operator shall notify the Hobbs District Office in writing of the name and location of the well on or before March 1, 1963.

(2) That any operator desiring to dedicate 80 acres to a well presently drilling or completed in the North Vacuum-Abo Oil

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CASE No. 2739
Order No. R-2421

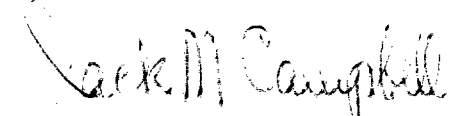
Pool shall file a new Form C-128 with the Commission on or before March 1, 1963.

(3) That this case shall be reopened at an examiner hearing in February, 1964, at which time the operators in the subject pool may appear and show cause why the North Vacuum-Abo Oil Pool should not be developed on 40-acre proration units.

(4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION



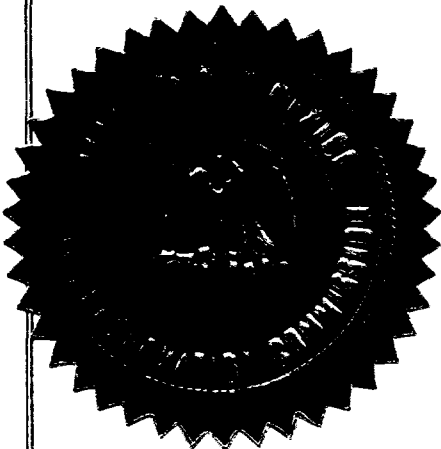
JACK M. CAMPBELL, Chairman



E. S. WALKER, Member



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



esr/

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. 2739
Order No. R-2421-A

APPLICATION OF SOCONY MOBIL OIL
COMPANY, INC., TO CREATE A NEW
POOL FOR ABO PRODUCTION AND FOR
SPECIAL POOL RULES, LEA COUNTY,
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on February 19, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 13th day of March, 1964, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-2421 dated February 13, 1963, temporary Special Rules and Regulations were promulgated for the North Vacuum-Abo Oil Pool.
- (3) That pursuant to the provisions of Order No. R-2421, this case was reopened to allow the operators in the subject pool to appear and show cause why the North Vacuum-Abo Oil Pool should not be developed on 40-acre proration units.
- (4) That the evidence establishes that one well in the North Vacuum-Abo Oil Pool can efficiently and economically drain and develop 80 acres.
- (5) That to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of

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Order No. R-2421-A

too few wells, and to otherwise prevent waste and protect correlative rights, the Special Rules and Regulations promulgated by Order No. R-2421 should be continued in full force and effect until further order of the Commission.

(6) That the Special Rules and Regulations promulgated by Order No. R-2421 have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the oil in the pool.

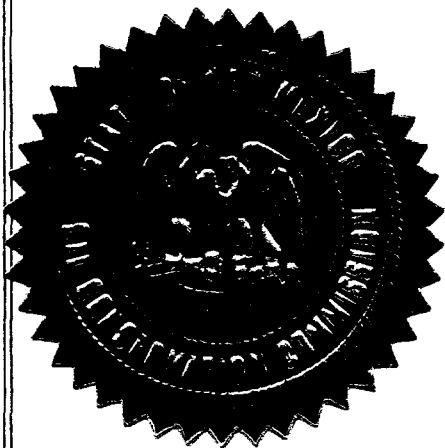
IT IS THEREFORE ORDERED:

(1) That the Special Rules and Regulations governing the North Vacuum-Abo Oil Pool promulgated by Order No. R-2421 are hereby continued in full force and effect until further order of the Commission.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

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

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