

Case 1947

GRANTHAM, SPANN AND SANCHEZ
ATTORNEYS AT LAW
904 SIMMS BUILDING
POST OFFICE BOX 1031
ALBUQUERQUE, NEW MEXICO

EVERETT M. GRANTHAM
CHARLES C. SPANN
MAURICE SANCHEZ

TELEPHONE
CHAPEL 3-3525

April 6, 1960

Oil Conservation Commission
State of New Mexico
Santa Fe, New Mexico

Gentlemen:

Re: Application of PHILLIPS PETROLEUM COMPANY
for establishment of two non-standard 80 acre pro-
ration units, and for approval of an unorthodox well
location in the Kemnitz Wolfcamp Pool, Lea County.

Phillips Petroleum Company has heretofore drilled its New Mexico "A"
No. 1 Well in the center of the NE/4 SW/4, Sec. 25, T. 16 S., R. 33E.,

within the Kemnitz Wolfcamp Oil Pool, Lea County, New Mexico; that
it likewise drilled its New Mexico "A" Well No. 2 in the center of the
SW/4 SE/4 of said Section, which Well was non-commercial and was
abandoned. Phillips is the owner of the leasehold interest in the entire
SW/4, and the W/2 SE/4 of said Section, which area comprises 240.7
acres; that the location of the Wells and the area comprising the lease-
hold interest more particularly appears in Exhibit A attached to this
Application, which Exhibit is made a part hereof.

Phillips now proposes to drill its New Mexico "A" Well No. 3 in the
center of the NW/4 SE/4 of said Section 25, which location is likewise
designated on Exhibit A attached.

In order for Phillips to recover its just and equitable share of the hydro-
carbons under the lands involved in said lease, it is necessary that the
said Well No. 3 be drilled, and two 80-acre non-standard proration units
be established for the said Well No. 1 and the said Well No. 3 to be drilled,
which non-standard units are more particularly described on Exhibit A
attached.

The granting of this Application will not cause waste nor impair correlative
rights.

*Accepted
and filed
4-18-60*

- 2 -

April 6, 1960

Oil Conservation Commission

Re: Phillips Petroleum Co.

Application, Kemnitz Wolfcamp Pool, Lea Co., N.M.

The offset operators affected by this Application are being notified of the Application.

It is requested that this Application be set down for Examiner hearing at the earliest possible time.

Very truly yours,

GRANTHAM, SPANN AND SANCHEZ

CCS:RW

By:



OIL CONSERVATION COMMISSION

P. O. BOX 871

SANTA FE, NEW MEXICO

C
O
P
Y

May 23, 1960

Mr. Charles C. Spann
Box 1031
Simms Building
Albuquerque, New Mexico

*Wochob for
Aug 1960
Mailed*

Dear Sir:

On behalf of your client, Phillips Petroleum Company, we enclose two copies of Order R-1683 in Case No. 1947 issued by the Oil Conservation Commission on May 20, 1960.

Very truly yours,

A. L. PORTER, Jr.
Secretary-Director

ir:

(Carbon copy of order sent to:)

Mr. Sim Christy
William Federici
Oil Conservation Commission - Hobbs, New Mexico

*July 13^{ch}
Wochob Mailed
July 15 1960*

GOVERNOR
JOHN BURROUGHS
CHAIRMAN

State of New Mexico
Oil Conservation Commission

LAND COMMISSIONER
MURRAY E. MORGAN
MEMBER

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

P. O. BOX 871
SANTA FE

September 16, 1960

Mr. Charles C. Spann
Box 1031
Simms Building
Albuquerque, New Mexico

Re: Case No. 1947
Order No. R-1683-A

Applicant:

Phillips & Tennessee

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.,
Secretary-Director

ir/

Carbon copy of order also sent to:

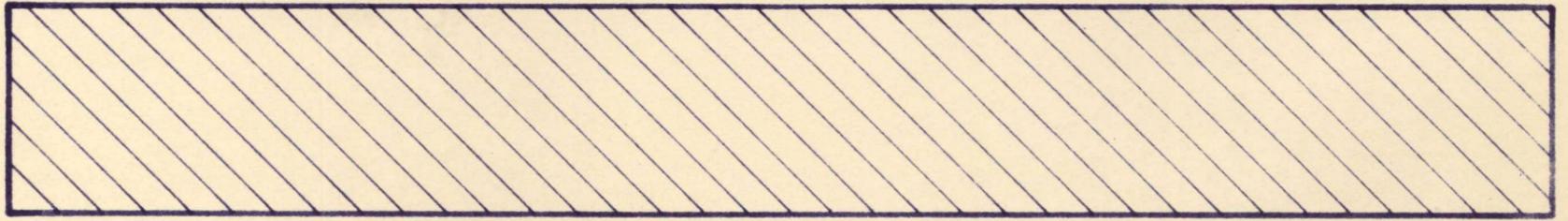
Hobbs OCC x ✓
Artesia OCC _____
Aztec OCC _____

Other _____

Mr. Clarence Hinkle (Tennessee) ✓ Sent 9-16
Carl Jones ✓
R. L. Williams ✓
Howard Bratton ✓ Sent 9-16
Jason Kellahin ✓
R. M. Anderson ✓
Oliver Seth ✓
R. L. Hughston ✓

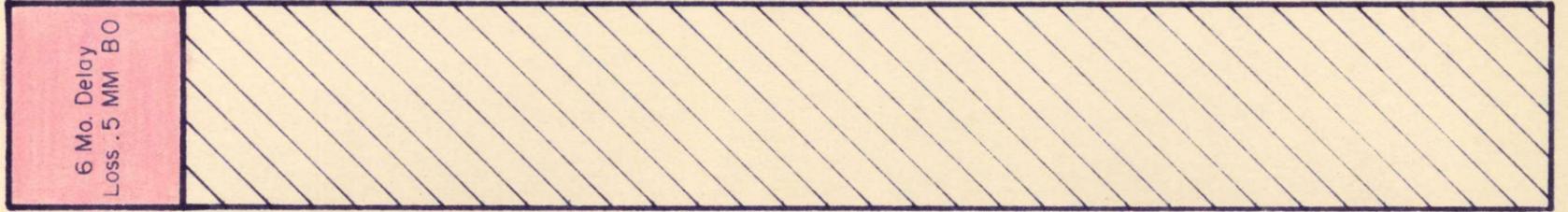
9-16
9-16-60

4.5 MM BO
Beginning G.I., 9/1/60
Est. BHP 2000 psi



6 Mo. Delay
Loss .5 MM BO

4.0 MM BO
Beginning G.I., 3/1/61
Est. BHP 1800 psi



12 Mo. Delay
Loss 1.3 MM BO

3.2 MM BO
Beginning G.I., 9/1/61
Est. BHP 1600 psi



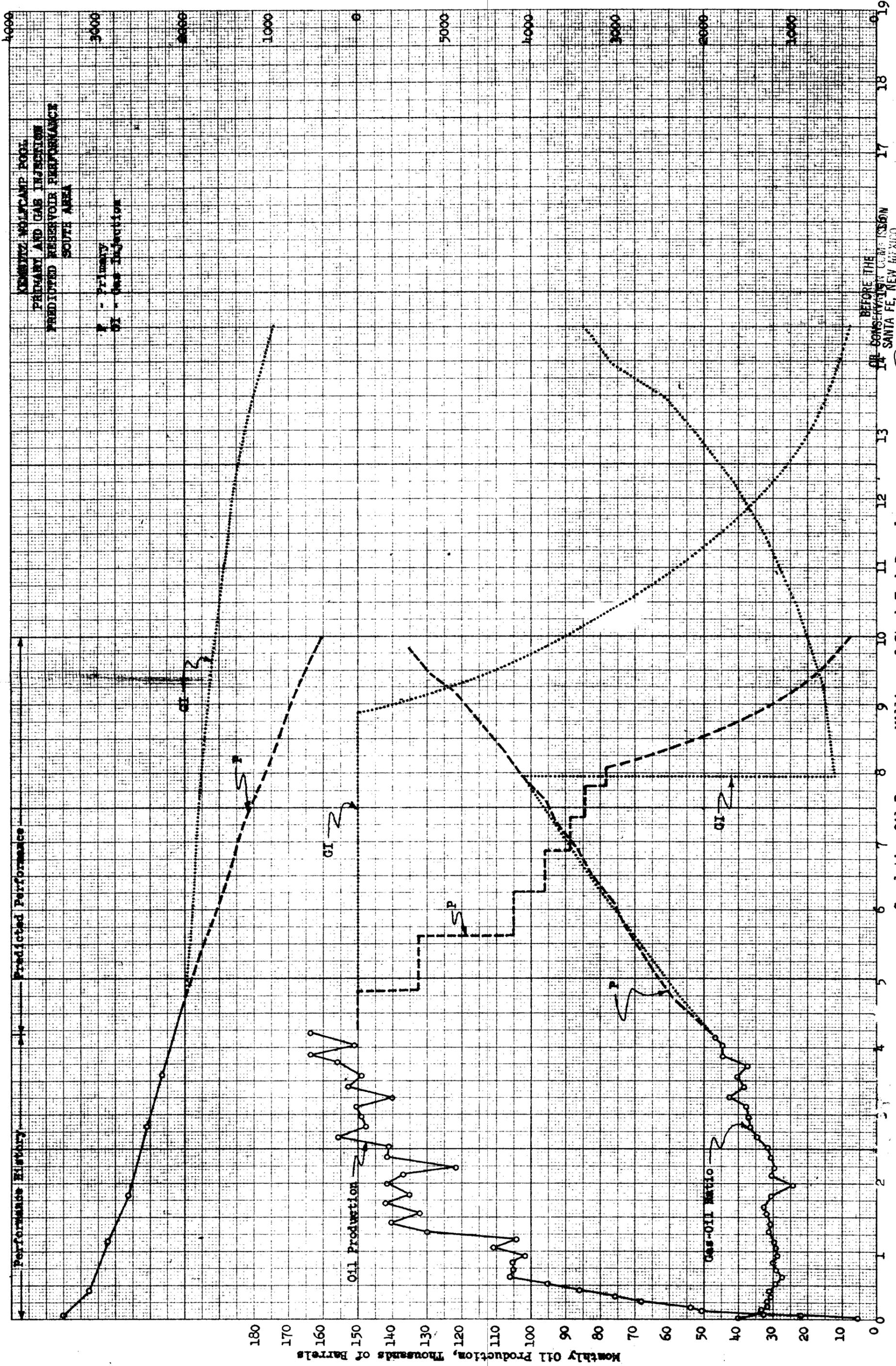
TENNESSEE GAS AND OIL COMPANY
DIVISION OF TENNESSEE GAS TRANSMISSION COMPANY

SOUTH AREA
KEMNITZ WOLFCAMP POOL

PREDICTED LOSS IN RECOVERY BY DELAY
OF
GAS INJECTION OPERATIONS

SCALE 2" = 1.0 MM BO

EXHIBIT F



BEFORE THE
OIL CONSERVATION COMMISSION
AT SANTA FE, NEW MEXICO
Case No. 1947
EXHIBIT No. E

Cumulative Oil Recovery, Millions of Stock Tank Barrels

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IN THE NEXT FILE

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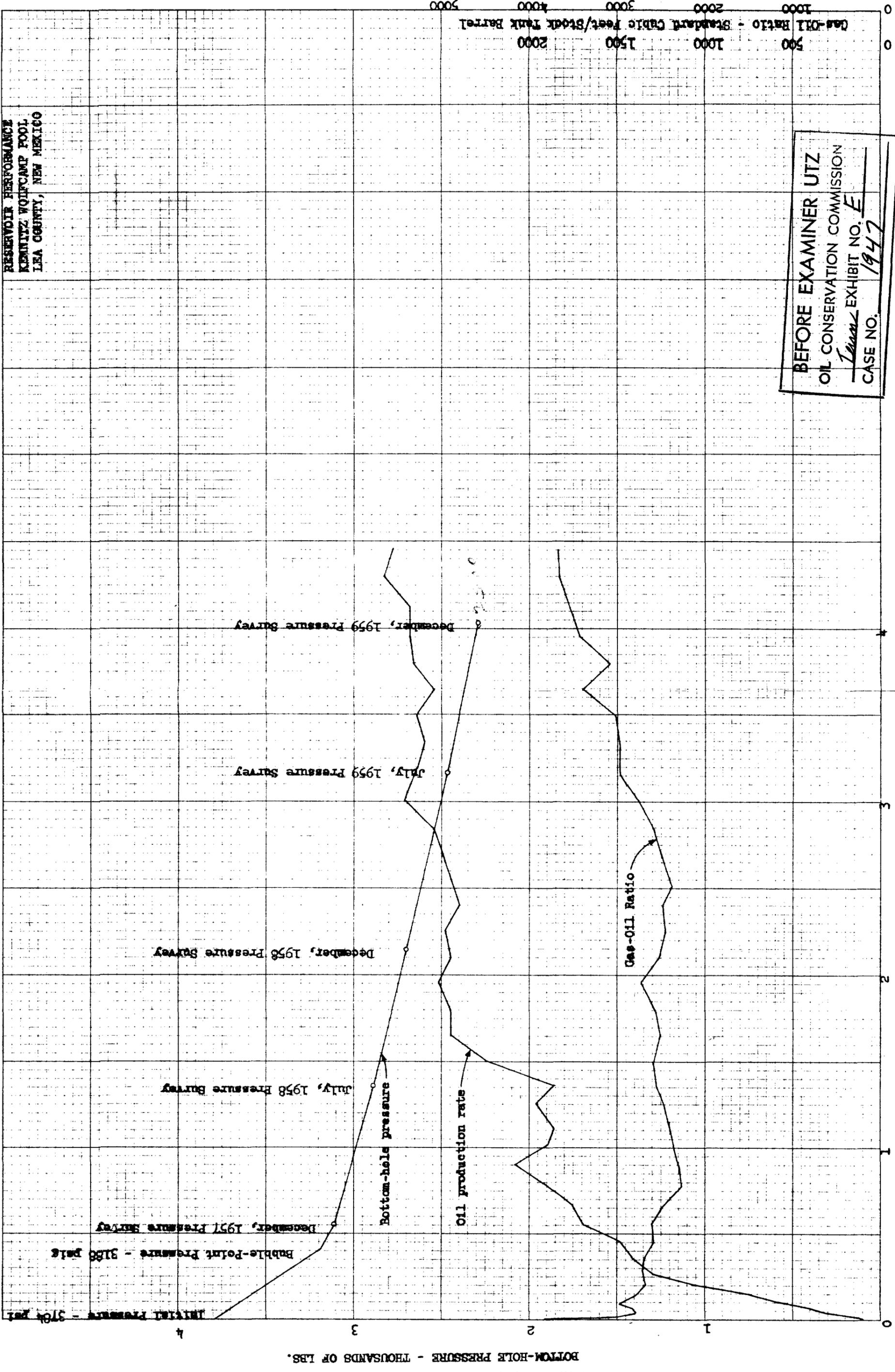
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K&M 10 X 10 TO THE INCH
 KEUFEL & ESSER CO.
 359-5L

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AND IS LOCATED
IN THE NEXT FILE



MICROLOGGING

Stalk #3
Co. 1947

L. EA. COUNTY FIELD or LOCATION WELL COMPANY	COMPANY	PHILLIPS PETR.	Other Surveys
	WELL	NEW MEXICO	GRN IES
	FIELD	A #2	Location of Well
	LOCATION	SEC. 25-16S-33E	1983' From E/L 661' From S/L
L. EA. COUNTY FIELD or LOCATION WELL COMPANY	COMPANY	PHILLIPS PETR. CORPORATION	Elevation: D.F.: 4164 K.B.: 4166 or G.L.: 4153
	STATE	NEW MEXICO	

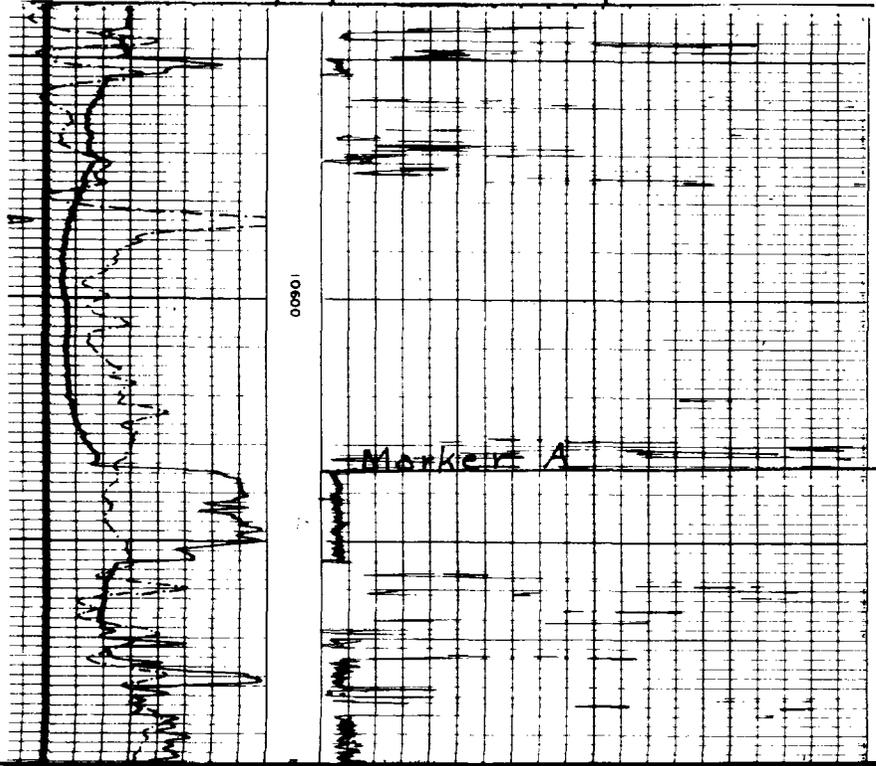
Log Depths Measured From KB 14 Ft. above SCF

RUN No.	
Date	8-22-58
First Reading	71611
Last Reading	8500
Feet Measured	2111
Depth Reached	11612
Bottom Driller	11610
Mud Nat.	CHEM.
Dens. Visc.	9.4 40
Mud Resist.	1 90
Res. BHT	7 142
pH	9
Wtr Loss	10 CC 30 min
Rmf	55 142
Rinc	
Mud Log Rm	0.6
Depth	11270
Bit Size	7 3/4"
Sonde Type	PMS
Pad Type	H-PAD
Op. Rig Time	3 HOURS
Truck No.	1529 HOBBS
Recorded By	WILSON
Witness	PHILLIPS

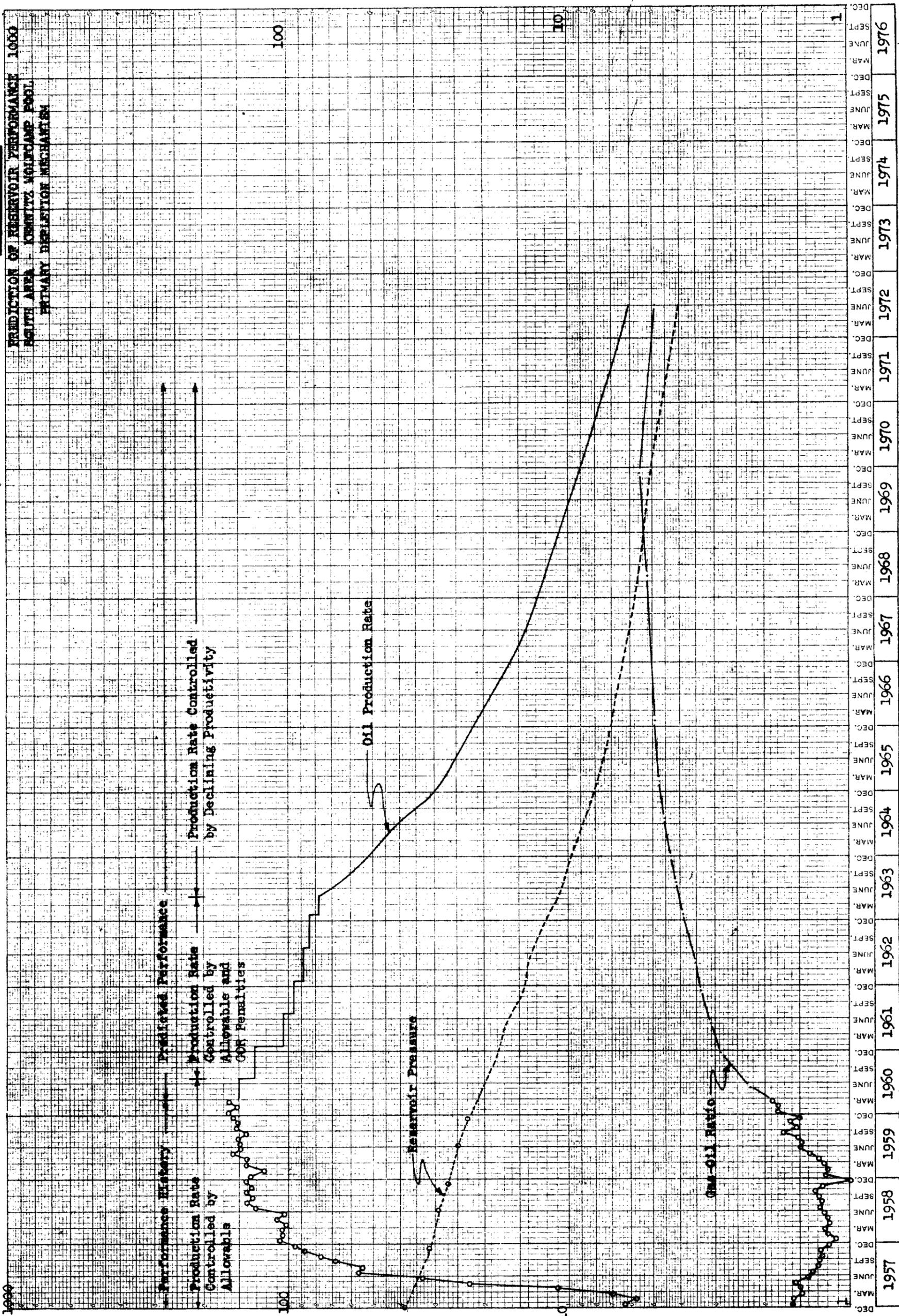
REMARKS

RUN : 144 490 100 400 Spd : 200-300 T.C. : 2 Speed: 60' / 30' / min

MICROCALIPER	DEPTHS	RESISTIVITY ohms. m ² /m
7 8 9 10 11 12 13 14 15 16		
Hole Diameter in Inches		
	0 Micro Inverse 1" x 1"	20 40
	0 Micro Normal 2"	20 40
SPONTANEOUS-POTENTIAL millivolts		
Micro <input type="checkbox"/> ES <input type="checkbox"/>		
20		



Shell #2
Case 1947



Oil Production Rate - Thousands of Stock Tank Barrels Per Month
 Reservoir Pressure - Hundreds of Pounds Per Square Inch
 Gas-Oil Ratio - Thousands of Standard Cubic Feet Per Stock Tank Barrel

25 16 33

Ward

Shut #5

Case 1749

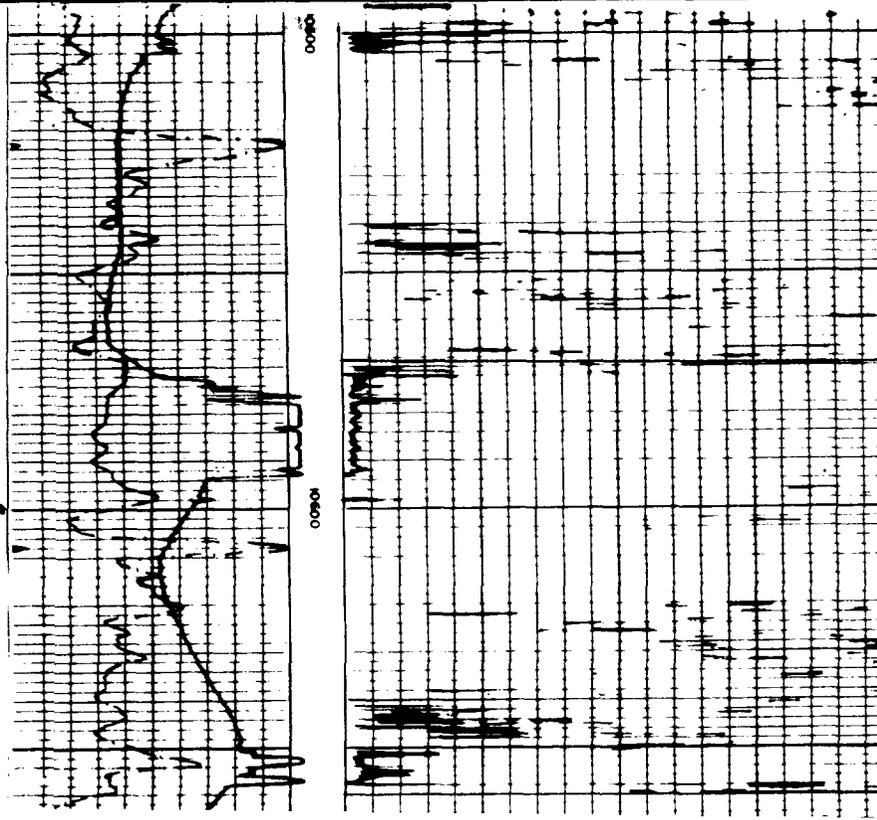
SCHLUMBERGER WELL SURVEYING CORPORATION

MICROLOGGING

COUNTY Lea FIELD or LOCATION Kendall WELL New Mex A #1 COMPANY Phillips Petroleum COMPANY Phillips Petroleum	COMPANY PHILLIPS PETROLEUM COMPANY	Other Surveys IES GR-N
	WELL NEW MEX A #1	Location of Well 1993' f S/L 2313' f W/L
	WELD KENNITZ <i>Ward</i>	
	LOCATION SEC. 25-16S-33E	
COUNTY LEA	Elevation: D.F. 4158 K.B. 4160 or G.L. 4148	
STATE NEW MEXICO		

Log Depths Measured From KB 14 Ft. above SCF

RUN No.	
Date	6-6-58
First Reading	11585
Last Reading	9550
Feet Measured	2035
Depth Reached	1586
Bottom Driller	1587
Mud No.	Chem
Dens. Visc.	9.6 39
Mud Resist.	96 92
Res. BHT	58 148
pH	10.5
Wtr Loss	8.2
Rml	46 148
Rmc	
Mud Log. Rm	53
Depth	11206
Bit Size	8 3/4
Sonde Type	Powered
Pod Type	H-Pad
Op. Rig Time	2 1/2 hrs.
Truck No.	2527 Hobbs
Recorded By	Mahoney
Witness	Phillips



Marker A

Marker B

MOBIL OIL COMPANY
STATEMENT BEFORE THE NEW MEXICO
OIL CONSERVATION COMMISSION
AUGUST 17, 1960

It is a pleasure to appear before this Commission to discuss the market demand for crude oil and to present Mobil Oil Company's views and recommendations.

A brief review of national crude oil and refined products inventories reveals the following: (The desired levels of inventory for the industry used in this statement are based on the average of 24 oil company executives' testimony before the Texas Railroad Commission in March, 1960.)

1. Total U.S. crude oil and product stocks as of August 5, 1960, were 642,575,000 barrels, or 30,741,000 barrels below the same period a year ago and approximately 33,100,000 barrels above the desired level.
2. U.S. crude oil stocks total 241,163,000 barrels, a decrease of 20,299,000 barrels below the same period a year ago, and are approximately 10,600,000 barrels below a desired level.
3. The four principal product stocks total 401,412,000 barrels, a decrease of 10,442,000 barrels below the same period a year ago, and are approximately 43,700,000 barrels above the desired level. Of the total product stocks above desired levels, gasoline and distillate inventories account for approximately 40,000,000 barrels.

From these statistics it is evident that the industry has gone a long way in reducing stocks below the level a year ago; however, we still have a long way to go in bringing product inventories in line with a desired level.

U.S. refinery runs for the week ending August 5, 1960, total 8,271,000 barrels daily, or 435,000 barrels daily above a year ago. For the past 7 weeks refinery runs have exceeded 8,200,000 barrels daily.

Mobil Oil Company's nominations for September, 1960, of 23,100 barrels daily represent our firm demand for New Mexico crude oil. Currently our estimated purchases of New Mexico crude oil from leases will average 22,900 barrels daily.

We feel that purchasers' nominations represent the true demand for crude oil within the state; therefore, we recommend that the Commission set the allowable for September, 1960, in line with total nominations.

D. R. WALL, JR.
Manager, Crude Oil
and Gas Liquids