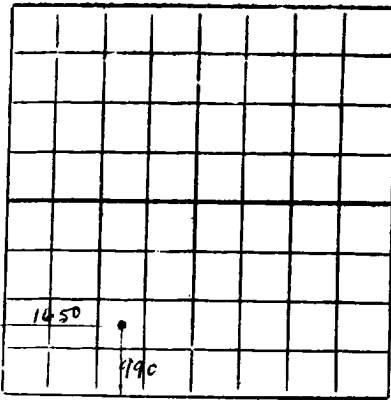


# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

FEB 10 AM 9 41

## WELL RECORD



AREA 640 ACRES  
LOCATE WELL CORRECTLY

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

The Atlantic Refining Company

(Company or Operator)

State "GN"

(Lease)

Well No. 3, in SE 1/4 of SW 1/4, of Sec. 5, T. 21-S, R. 36-E, NMPM.

Eunice-Grayburg

Pool, Lea

County.

Well is 990' feet from South line and 1650' feet from West line

of Section 5. If State Land the Oil and Gas Lease No. is B-3114

Drilling Commenced January 2, 1963 Drilling was Completed January 24, 1963

Name of Drilling Contractor King-Phillips, Inc.

Address 1108 Continental National Bank Building, Fort Worth, Texas

Elevation above sea level at Top of ~~Formation~~ Ground Level 3572'

The information given is to be kept confidential until

Not Confidential

### OIL SANDS OR ZONES

No. 1, from 2800 to 3700 No. 4, from to

No. 2, from 3760 to 3948 No. 5, from to

No. 3, from to No. 6, from to

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from None to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
8-5/8	24#	New	1236.12	Guide			Surface
5-1/2	14# & 15.5#	New	3772.18	Float		None-Completed Open hole	Long String

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4	8-5/8	1246.83	675	Pump & Plug		
7-7/8	5-1/2	3782.18	538	Pump & Plug		

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Acid Job #1: Treated Grayburg open hole 3782-3948' w/750 gallons of 15% LSTNE HCl acid.

Result of Production Stimulation On potential test on 2/15/63 well surged 30 B.O.C. 3.38.

on 15-1/4" SPM. GOR 267/1.

Depth Cleaned Out & T.D. = 3948'

# RECORD OF DRILL-STEM AND SPECIAL

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

## TOOLS USED

Rotary tools were used from 0 feet to 3948 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing February 15, 1963  
OIL WELL: The production during the first 24 hours was 33 barrels of liquid of which 91 % was oil; % was emulsion; 9 % water; and % was sediment. A.P.I. Gravity. 34.0° 60° F.  
GAS WELL: The production during the first 24 hours was M.C.F. plus barrels of liquid Hydrocarbon. Shut in Pressure lbs.  
Length of Time Shut in

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy.	1158	T. Devonian	T. Ojo Alamo
T. Salt	1250	T. Silurian	T. Kirtland-Fruitland
B. Salt	2608	T. Montoya	T. Farmington
T. Yates	2817	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	3090	T. McKee	T. Menefee
T. Queen	3404	T. Ellenburger	T. Point Lookout
T. Grayburg	3764	T. Gr. Wash.	T. Mancos
T. San Andres		T. Granite	T. Dakota
T. Glorieta		T.	T. Morrison
T. Drinkard		T.	T. Penn.
T. Tubbs		T.	T.
T. Abo		T.	T.
T. Penn.		T.	T.
T. Miss.		T.	T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1158	1158	Redbed				
1158	1250	92	Anhydrite				
1250	2608	1358	Salt				
2608	2817	209	Anhydrite & limestone				
2817	3090	273	Sandstone, Anhydritic Dolomite, Red Shale				
3090	3404	314	Anhydritic Dolomite, Limestone, Shale				
3404	3764	360	Anhydritic Dolomite, Sandstone, Red Shale				
3764	3948	184	Dolomitic Limestone, Anhydritic Limestone				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

February 10, 1963  
Company or Operator The Atlantic Refining Co.  
Name O.D. Bretches  
Address P.O. Box 1978, Roswell, New Mexico  
Position District Drilling Supervisor