

AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

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.

Humble Oil & Refining Company
(Company or Operator)E. E. Hunter
(Lease)

Well No. 5, in SE 1/4 of NW 1/4, of Sec. 24, T. 24S, R. 36E, NMPM.

Langlie Mattix Pool, Lea County.

Well is 1650 feet from North line and 2310 feet from West line of Section 24. If State Land the Oil and Gas Lease No. is.

Drilling Commenced August 6, 1954. Drilling was Completed September 5, 1954.

Name of Drilling Contractor Gackle Drilling Company

Address Fort Worth, Texas

Elevation above sea level at Top of Tubing Head 3322. The information given is to be kept confidential until, 19.

OIL SANDS OR ZONES

No. 1, from 3530 to 3542. No. 4, from to.

No. 2, from to. 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	1171.14	-			
5-1/2	14	New	3640.45	Halliburton		3530-3542	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
11	8-5/8	1184	375	Halliburton	Water	
7-7/8	6-3/4	5-1/2	680	Halliburton	10.3**	
**Air was used to drill this well from 1185 to 3351 feet.						

RECORD OF PRODUCTION AND STIMULATION

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

* Perforations from 3617-3622: washed with 500 gallons mud acid; sandfraced with 3000 gallons refined oil with 1-1/2# of sand per gallon.

Perforations from 3530-3542: washed with 500 gallons mud acid; sandfraced with 6000 gallons refined oil with 1 pound of sand per gallon.

Result of Production Stimulation On 5-hour potential test on 9-6-54 well produced 104.10 barrels of oil, 6/10% BS&W, GOR of 1607, corrected gravity of 34.5°.

Depth Cleaned Out.

* The lower perforations were plugged back later.

1 **ORD OF DRILL-STEM AND SPECIAL TESTS**

No drill stem tests

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

Maximum deviation: 3-3/4° at 2827'.

TOOLS USED

Rotary tools were used from Surface feet to 3655 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing September 6, 1954 19

OIL WELL: The production during the first 5 hours was 104.10 barrels of liquid of which 99.4 % was
was oil; % was emulsion; 0.6 % water; and % was sediment. A.P.I
Gravity 34.5°

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. **ustler** 1157
T. Salt.
B. Salt. 3032
T. Yates. 3242
T. 7 Rivers. 3437
T. Queen.
T. Grayburg.
T. San Andres.
T. Glorieta.
T. Drinkard.
T. Tubbs.
T. Abo.
T. Penn.
T. Miss.

T. Devonian.
T. Silurian.
T. Montoya.
T. Simpson.
T. McKee.
T. Ellenburger.
T. Gr. Wash.
T. Granite.
T.
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T. Ojo Alamo.
T. Kirtland-Fruitland.
T. Farmington.
T. Pictured Cliffs.
T. Menefee.
T. Point Lookout.
T. Mancos.
T. Dakota.
T. Morrison.
T. Penn.
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T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	366	366	Red Beds				
366	940	574	Red Beds & Gyp				
940	1191	251	Anhydrite				
1191	1465	274	Salt and Anhydrite				
1465	2665	1200	Anhydrite and Salt				
2665	2880	215	Salt and Anhydrite				
2880	3282	402	Sand, lime, and Anhydrite				
3282	3655	373	Dolomite				

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.

September 8, 1954

(Date)

Company or Operator **Humble Oil & Refining Co.**

Address **Box 2347, Hobbs, New Mexico**

Name *[Signature]*

Position or Title **District Superintendent**

imb/imb