

[illegible]

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)

**New Mexico State G**  
(Lease)

Well No. 5, in SW  $\frac{1}{4}$  of NW  $\frac{1}{4}$ , of Sec. 20, T. 21S, R. 36E, NMPM.

Arroyohead Pool, Lea County.

Well is 1900 feet from North line and 660 feet from West line.

of Section 23 If State Land the Oil and Gas Lease No. is.....

Drilling Commenced 10-24-52, 19..... Drilling was Completed 11-14-52, 19.....

Name of Drilling Contractor..... **Cackie Drilling Company** .....

Address..... **Ft. Worth, Texas**

Elevation above sea level at Top of Tubing Head..... **3501 Ground** ..... The information given is to be kept confidential until  
..... 19.....

## OIL SANDS OR ZONES

No. 1, from None to \_\_\_\_\_ 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"	29.75	Used	306.80	Howee			
No Casing Recommended						5	

### 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"	319.90	200	Halliburton	Water	

### RECORD OF PRODUCTION AND STIMULATION

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

\_\_\_\_\_

**Result of Production Stimulation.....**

...Depth Cleaned Out.....

F  
ORD OF DRILL-STEM AND SPECIAL TESTS

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

Max. deviation 1° at 2830 by Totco.

See attachment

TOOLS USED

Rotary tools were used from 0 feet to 3830 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Plugged & abandoned 11-14, 1952

OIL WELL: The production during the first 24 hours was None barrels of liquid of which % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity

GAS WELL: The production during the first 24 hours was None 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.	Bustler	1400	T. Devonian		T. Ojo Alamo
T. Salt			T. Silurian		T. Kirtland-Fruitland
B. Salt	Base salt	2675	T. Montoya		T. Farmington
T. Yates		2850	T. Simpson		T. Pictured Cliffs
T. 7 Rivers			T. McKee		T. Menefee
T. Queen		3551	T. Ellenburger		T. Point Lookout
T. Grayburg			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	230	230	Caliche and surface sand				
230	879	649	Red beds				
879	1195	316	Red rock & shale				
1195	1380	185	Red rock				
1380	1455	75	Anhydrite and shell				
1455	1682	227	Anhydrite and gyp				
1682	2585	903	Anhydrite and salt				
2585	2887	302	Anhydrite and gyp				
2887	3165	278	Lime and anhydrite				
3165	3340	175	Anhydrite, lime & gyp				
3340	3586	246	Lime and anhydrite				
3586	3742	156	Lime and sand				
3742	3850	88	Lime				
	Total depth						
	Plugged back to surface						

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.

November 14, 1952

(Date)

Company or Operator Humble Oil & Refining Company

Address Box 2347, Hobbs, N. M.

Name J. D. Little

Position or Title District Superintendent

mob/mob