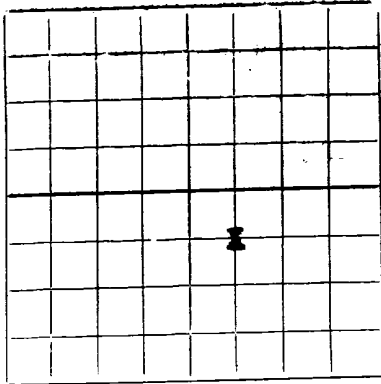


N.



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** **New Mexico State T**  
(Company or Operator) (Lease)  
Well No. **2** in **NE 1/4** of **SE** 1/4, of Sec. **8**, T. **17S**, R. **36E**, NMPM.  
**West Lovington** Pool, **Lee** County.  
Well is **2310** feet from **South** line and **1900** feet from **West** line of Section **8**. If State Land the Oil and Gas Lease No. is \_\_\_\_\_  
Drilling Commenced **2-10-53**, 19\_\_\_\_ Drilling was Completed **3-19-53**, 19\_\_\_\_  
Name of Drilling Contractor **Gaskle Drilling Company, Inc.**  
Address **Ft. Worth, Texas**  
**Oil String Cased**  
Elevation above sea level at Top of **Subsidence** **3890.38** The information given is to be kept confidential until \_\_\_\_\_, 19\_\_\_\_

OIL SANDS OR ZONES

No. 1, from **5020** to **5070** 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
<b>10-3/4"</b>	<b>32.75</b>	<b>New</b>	<b>286.83</b>	<b>Halliburton</b>	<b>Guide Shoe</b>		
<b>7-5/8"</b>	<b>26.40</b>	<b>New</b>	<b>1936.92</b>	<b>Halliburton</b>	<b>Floater &amp; Guide Shoe</b>		
<b>5-1/2"</b>	<b>14</b>	<b>New</b>	<b>5062.38</b>	<b>Behr</b>	<b>Floater &amp; Guide Shoe</b>	<b>5020-5070</b>	

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>15</b>	<b>10-3/4"</b>	<b>301.41</b>	<b>300</b>	<b>Halliburton</b>	<b>Water</b>	
<b>9-7/8"</b>	<b>7-5/8"</b>	<b>1950.00</b>	<b>900</b>	<b>Halliburton</b>	<b>Water</b>	
<b>6-3/4"</b>	<b>5-1/2"</b>	<b>5080.00</b>	<b>1050</b>	<b>Halliburton</b>	<b>10.4</b>	

RECORD OF PRODUCTION AND STIMULATION

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

**3-15-53, 200 Schlumberger jet shots from 5020-5070**  
**3-16-53, 1,000 gallons Western 15% L. T. acid from 5020-5070**  
**3-17-53, 4,000 gallons Western 15% L. T. acid from 5020-5070**

Result of Production Stimulation \_\_\_\_\_  
Depth Cleaned Out \_\_\_\_\_

# RE ID 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

Hole Deviation: Max. 1-1/4° at 4300' by Taton.  
See Attachment

TOOLS USED

Rotary tools were used from 0 feet to 5080 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

## PRODUCTION

Put to Producing 4-4, 19 53.

OIL WELL: The production during the first 24 hours was 26.62 barrels of liquid of which 97% was  
was oil; % was emulsion; 3% water; and % was sediment. A.P.I.  
Gravity 35.4

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

T. Anhy.  
T. Salt Rustler 1885  
B. Salt  
T. Yates 3065  
T. 7 Rivers  
T. Queen  
T. Grayburg  
T. San Andres 4728  
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.  
T.  
T.  
T.  
T.

### Northwestern New Mexico

T. Ojo Alamo  
T. Kirtland-Fruitland  
T. Farmington  
T. Pictured Cliffs  
T. Menefee  
T. Point Lookout  
T. Mancos  
T. Dakota  
T. Morrison  
T. Penn  
T.  
T.  
T.  
T.

## FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	230	230	Sand Shale				
230	310	80	Red Bed				
310	1374	1064	Red Bed & shells				
1374	1820	436	Red rock				
1820	1907	97	Red Bed				
1907	1990	43	Red rock & anhydrite				
1990	2193	243	Anhydrite				
2193	3123	932	Anhydrite & salt				
3123	3187	62	Sand & lime				
3187	3322	135	Anhydrite & lime				
3322	3387	65	Gyp and lime				
3387	3430	43	Anhydrite & lime				
3430	3577	247	Anhydrite, lime and gyp				
3577	3662	84	Anhydrite & gyp				
3662	4065	404	Anhydrite and lime				
4065	4223	158	Lime				
4223	4679	456	Lime and gyp				
4679	4884	205	Lime				
4884	4927	43	Lime and gyp				
4927	5080	153	Lime				
	T. D.						

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.

Company or Operator: Humble Oil & Refining Co. Address: Box 2347, Hobbs, N. M.  
Name: R. M. Gillette Position or Title: District Chief Clerk  
R. M. Gillette  
mob/mob

April 7, 1953 (Date)

# DRILL STEM TESTS

DATE	TYPE OF TEST	FORMATION TESTED FROM	TO	SIZE CHOKE	TOOL OPEN MINUTES	FORMATION FLOWING	PRESSURE SHUT-IN	OIL	WATER	RECOVERY-1 EST MUD	OTHER
3-7-53	O. H.	4744	4880	1	5/8	90	307	895	500	130	
3-9-53	O. H.	4879	4980	1	1	90	97	400		520a	
3-12-53	O. H.	4979	5080	1	1	95	95	530		608b	

- 180' slight gas cut mud and 340' gas, oil and water cut mud.

b - 140' heavy gas cut and slightly oil cut mud, 268' heavy gas cut mud and 200' heavy gas and oil cut mud.

Item	Quantity	Unit	Price	Total	Remarks
1. Cement	100	kg	1.50	150.00	
2. Sand	200	kg	0.80	160.00	
3. Gravel	300	kg	1.20	360.00	
4. Water	100	kg	0.05	5.00	
5. Labor	10	hr	10.00	100.00	
6. Transport	1	unit	50.00	50.00	
7. Miscellaneous	1	unit	10.00	10.00	
<b>Total</b>				<b>735.00</b>	

This is to certify that the above items have been supplied to the Government of India, Ministry of Health and Family Welfare, District of [Name of District], for the purpose of [Purpose of supply].