

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)Humboldt Gas Unit  
(Lease)Well No. 1, in SW  $\frac{1}{4}$  of SE  $\frac{1}{4}$ , of Sec. 4, T. 20-S, R. 37-E, NMPM.Humboldt Gas Pool, Lee County.Well is 2310 feet from South line and 1900 feet from East lineof Section 4. If State Land the Oil and Gas Lease No. is \_\_\_\_\_Drilling Commenced 9-29, 19 55. Drilling was Completed 10-11, 19 55.Name of Drilling Contractor Gaskle Drilling CompanyAddress Fort Worth, TexasElevation above sea level at Top of Barriok flow 3543'. The information given is to be kept confidential until \_\_\_\_\_, 19 \_\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from (0) 3496 to 3528 No. 4, from \_\_\_\_\_ to \_\_\_\_\_No. 2, from (0) 3548 to 3598 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
<u>8-5/8"</u>	<u>24</u>	<u>New</u>	<u>1304.00</u>	<u>Guide</u>	<u>-</u>	<u>-</u>	<u>Surface</u>
<u>5-1/2"</u>	<u>14</u>	<u>New</u>	<u>3638.00</u>	<u>Guide</u>	<u>-</u>	<u>3496-3598</u>	<u>Production</u>

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>11"</u>	<u>8-5/8"</u>	<u>1316.00</u>	<u>800</u>	<u>Pump &amp; plug</u>		
<u>7-7/8"</u>	<u>5-1/2"</u>	<u>3650.00</u>	<u>1350</u>	<u>"</u>		

## RECORD OF PRODUCTION AND STIMULATION

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

15% HF acid, 500 gallons, 3548 to 3598 feet.Refined oil fracture treatment, 10,000 gallons, 3548 to 3598 feet.Regular HF acid, 500 gallons, 3496 to 3528 feet.Result of Production Stimulation Well flowed 9.75 barrels fluid, 5.05 barrels 33.1° oil, gas at rate of 2518 Mcf per day.

Depth Cleaned Out \_\_\_\_\_

RECORD OF DRILL-STEM AND SPECIAL TEST

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

No drill stem tests.

TOOLS USED

Maximum deviation: 2-1/4° at 2842'.

Rotary tools were used from 0 feet to 3650 feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

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

GAS WELL: The production during the first 24 hours was 2518 M.C.F. plus 5.85 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. Rustler 1257	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt	T. Montoya	T. Farmington
T. Yates 2813	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen 3240	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	1273	1273	Surface rock & red beds.				
1273	1432	159	Anhydrite				
1432	2471	1039	Anhydrite & salt				
2471	3275	804	Anhydrite & gyp				
3275	3641	366	Anhydrite & lime				
3641	3650	9	Lime				
	T.B.						

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 11, 1955 (Date)  
Company or Operator: Humble Oil & Refining Company Address: Box 2347, Hobbs, New Mexico  
Name: R. M. Sullivan Position or Title: Agent