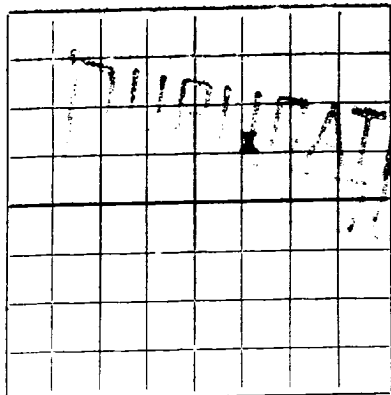




NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

RECEIVED

NOV 5 1952

OIL CONSERVATION

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Company

New Mexico State G

(Company or Operator)

(Lease)

Well No. **4**, in **SW** **NE** **26** **21S** **36E**, T. **21S**, R. **36E**, NMPM.
Arrowhead Pool, **Lea** County.

Well is **1980** feet from **North** line and **1980** feet from **East** line

of Section **26**. If State Land the Oil and Gas Lease No. is

Drilling Commenced **9-4-52**, 19. Drilling was Completed **Rig Released 10-22-52**, 19.

Name of Drilling Contractor **Gaskle Drilling Company**

Address **Fort Worth, Texas**

Elevation above sea level at Top of Tubing Head **3542.98**. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from **3784** to **3860 - Plugged Off** No. 4, from to
No. 2, from **3644** to **3754 (Gas)** No. 5, from to
No. 3, from **3580** to **3612 (Gas)** 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	308.02	Hall.			
5-1/2"	14 & 15.5	New	3875.98	Larkin		3580-3612 3644-3754 3784-3860	

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	321.62	75	Hall.		
7-7/8	5-1/2	3888.00	1300	Hall.	10.4	

GUN NAME GUN OD

DATE DEPTH FROM TO SHOTS GALS. QTS. KIND MIN. PRESS MAX. PRESS SERVICE CO. REMARKS

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

10-10-52 3784 3860 456 Jet Perf. Guns 44" Perf. Guns Atlas - 6 Shots/ft.
10-10-52 3784 3860 3000 Jet 500 1700 2300 Dowell Stratafrac
10-12-52 3644 3754 660 Jet Perf. Guns 44" Perf. Guns Atlas - 6 Shots/ft.
10-13-52 3644 3754 1500 Hydrafrac 2800 Halliburton w/1500# sand
10-14-52 3644 3754 3000 L.T. Acid 1600 Western
10-14-52 3580 3612 192 Jet Perf. Guns 44" Perf. Guns Atlas - 6 shots/ft.
10-17-52 3580 3612 3000 Jet 500 1600 2650 Dowell w/3000# sand
10-18-52 3580 3612 3000 Jet L.T. 1400 2000 Western Acid
10-21-52 (3580-3612) (3644-3754) Result of Production Stimulation. 10,000 15% L. T. 2550 Western Acid

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
Hole deviation: Max. 1-3/4" at 2650' by Totco.

See attachment for drill stem tests. TOOLS USED

Rotary tools were used from 0 feet to 3889 feet, and from _____ feet to _____ feet.
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing 10-30, 1952

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 163.43 M.C.F. plus None 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.		T. Devonian	
T. Salt Rustler	1395	T. Silurian	
T. Salt		T. Montoya	
T. Yates	2846	T. Simpson	
T. 7 Rivers		T. McKee	
T. Queen Sand	3582	T. Ellenburger	
T. Grayburg		T. Gr. Wash	
T. San Andres		T. Granite	
T. Glorieta		T. _____	
T. Drinkard		T. _____	
T. Tubbs		T. _____	
T. Abo		T. _____	
T. Penn.		T. _____	
T. Miss.		T. _____	
		T. _____	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	1204	1204	Red Beds & shells				
1204	1405	201	Red rock & red beds				
1405	1434	29	Shell and anhydrite				
1434	1605	171	Anhy. & gyp				
1605	2526	921	Anhy. & salt				
2526	2686	160	Anhy. & shells				
2686	2769	83	Anhy. & lime				
2769	2800	31	Anhy., gyp & lime				
2800	3109	309	Anhy. and lime				
3109	3142	33	Lime, anhy. and gyp				
3142	3539	397	Lime and gyp				
3539	3668	129	Lime, anhy. & gyp				
3668	3718	50	Lime and dolomite				
3718	3800	82	Lime, sand & dolomite				
3800	3882	82	Lime				
3882	3889	7	Lime and dolomite				
	P. u. Depth	3759'					

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 5, 1952

Company or Operator Humble Oil & Refining Company

Address Box 2347, Hobbs, N. M.

Name [Signature]

Position or Title District Superintendent