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(Revised 7/1/57)
(Form C-10)

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil & Refining Company

Samuel E. Cain

(Company or Operator)

(Lease)

Well No. **4**, in **SW** $\frac{1}{4}$ of **NE** $\frac{1}{4}$ of Sec. **30**, T. **18-S**, R. **39-E**, NMPM.

East Hobbs - San Andres

Pool, **Lea** County.Well is **660** feet from **West** line and **1980** feet from **North** lineof Section **30**. If State Land the Oil and Gas Lease No. isDrilling Commenced **10-24-53**, 19 Drilling was Completed **11-13-53**, 19Name of Drilling Contractor **Geckle Drilling Co., Inc.**Address **Ft. Worth, Texas**Elevation above sea level at Top of Tubing Head **3616 Gr.** The information given is to be kept confidential until
19

OIL SANDS OR ZONES

No. 1, from **4479** to **4481** 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	1907.79	None			
5-1/2	14	New	4479.00	None		4479-4481	
2" Tbg.	6.5	New & Used	4466.30				

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	1921.99	1000	Halliburton	9.2	
6-3/4	5-1/2	4483.00	250	Halliburton	10.1	

RECORD OF PRODUCTION AND STIMULATION

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

11-10-53 Perforated 4479-4481 with 6 shots per foot by FGA, total of 12 shots.

11-10-53 Acidized 4479-4481 with 900 gallons Chemical Process 15% regular acid.

Result of Production Stimulation

Depth Cleaned Out

RECORD OF DRILL-STEM AND SPECIAL TESTS
Max. hole deviation: 2' at 3610' by Totco.
If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 0 feet to 4483 feet, and from 4483 feet to 4483 feet.
Cable tools were used from 4483 feet to 4483 feet, and from 4483 feet to 4483 feet.

PRODUCTION

Put to Producing 11-13, 1953

OIL WELL: The production during the first 24 hours was 418 barrels of liquid and 10 was oil; 0% was emulsion; 90% water, and 0% was sediment. A.P.I. Gravity 50.

GAS WELL: The production during the first 24 hours was 0 M.C.F. plus 0 barrels of liquid Hydrocarbon. Shut in Pressure 0 lbs.

Length of Time Shut in 0

PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy. 1880	T. Devonian	T. Ojo Alamo	
T. Salt	T. Silurian	T. Kincaid Fruitland	
B. Salt	T. Montoya	T. Farnham	
T. Yates 3085	T. Simpson	T. Pictured Cliffs	
T. 7 Rivers	T. McKee	T. Menard	
T. Queen	T. Ellenburger	T. Point Lehigh	
T. Grayburg	T. Gr. Wash.	T. Mancos	
T. San Andres 4480	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	180	180	Sand & caliche				
180	290	110	Sand				
290	1875	1585	Red bed				
1875	1925	50	Red bed and anhydrite				
1925	2080	155	Anhydrite				
2080	3067	987	Anhydrite & salt				
3067	3197	130	Anhydrite, salt & gyp				
3197	3280	83	Anhydrite & gyp				
3280	3776	496	Anhydrite, gyp & salt				
3776	3876	100	Lime & gyp				
3876	3920	44	Lime, gyp & anhydrite				
3920	4372	452	Lime & gyp				
4372	4483	111	Anhydrite, lime, sand				

DRILL STEM TESTS

DATE		TIME	FORMATION TESTED		SIZE CHOKE		TOOL OPEN	FORMATION PRESSURE		RECOVERY- FEET		
			FROM	TO	TOP	BOTTOM	MINUTES	FLOWING	SHUT-IN	OIL	WATER	OTHER
6-53	O. H.		4433	4478	1	1	165	13	55	5	150	360a
7-53	O. H.		4473	4483	1	1	240	50	1450	1000	290	
Free gas in drill pipe												
Sulphur water												

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.

December 14, 1953 (Date)
Company or Operator Humble Oil & Refining Co. Address Box 2347, Hobbs, N. M.
Name J. L. ... Position or Title District Superintendent
mob/mob