

Santa Fe, New Mexico

HOBBES OFFICE

## WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Humble Oil & Refining Company** Box 2100, Houston, Texas.  
N. M. State No. Well No. 5 in 22-1/4 of Sec. 18 T. 22-South  
R. 27-East N. M. P. M. Arredondo Field, Lea County.  
Well is 4620 feet south of the North line and 600 feet west of the East line of Section 18  
If State land the oil and gas lease is No. 37721 Assignment No.  
If patented land the owner is Address  
If Government land the permittee is Address  
The Lessee is **Humble Oil & Refining Company** Address **Houston, Texas**  
Drilling commenced **May 22, 1940** 19 Drilling was completed **June 22, 1940**  
Name of drilling contractor **Company rig #130** Address **Hobbs, New Mexico**  
Elevation above sea level at top of casing **3409** feet.  
The information given is to be kept confidential until 19

## OIL SANDS OR ZONES

No. 1, from **3400** to **3710** 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 to feet.  
No. 2, from to feet.  
No. 3, from to feet.  
No. 4, from to feet.

## CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED		PURPOSE
							FROM	TO	
9-5/8"	34	8	SS	435' 0"	SM				
5-1/2"	17	8	LN	300' 0"	Halliburton				
TUBING									
2" NUP	4.70	8	SS	3637' 7"			3634' 7"	3637' 7"	

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	9-5/8"	440	100	Halliburton		15 tons
6-3/4"	5-1/2"	3637'	300	Halliburton		

## PLUGS AND ADAPTERS

Heaving plug—Material **NONE** Length Depth Set  
Adapters—Material Size

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton Acid	3000 gal	6-25-40	3614'-3710'	
		Halliburton Acid	600 gal	7-23-40	3561'-3574'	
		Halliburton Acid	400 gal	7-23-40	3625'-3635'	

Results of shooting or chemical treatment **Well flowed at rate of 8.4 bbls per hour - gas-oil ratio 1252 cubic feet per barrel.**

## RECORD 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.

## SEE ATTACHMENT

## TOOLS USED

Rotary tools were used from 0 feet to 3710 feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **July 15, 1940** 19  
The production of the first 24 hours was **96** barrels of fluid of which **70** % was oil; % emulsion; % water; and % sediment. Gravity, Be. **37.2 at 60 degrees**  
If gas well, cu. ft. per 24 hours Gallons gasoline per 1,000 cu. ft. of gas  
Rock pressure, lbs. per sq. in.

## EMPLOYEES

**C. R. Cherry** Driller **M. L. Prichard** Driller  
**K. C. Langston** Driller **Reuben Andrews** Driller

## FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this **8th**

**Midland, Texas** **August 8, 1940**

day of **August** 19 **40**

Name **J. P. Prichard**

Position **Asst. Division Superintendent**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
	50	50	Caliche
50	120	70	Surface Sand
120	873	753	Red beds
873	880	7	Red beds and hard sand
880	950	70	Hard sand and streaks of anhydrite
950	1235	285	Anhydrite
1235	2391	1156	Salt and streaks of anhydrite
2391	2453	62	Anhydrite and streaks of salt
2453	3035	582	Anhydrite
3035	3174	139	Brown lime
3174	3475	301	Gray lime
3475	3710	235	Lime.
3710	3700	10	CEMENT - Well plugged back from 3710 to 3700' on July 2, 1940 with 10 sacks of Starcor cement, 2 sacks of Aquagel and 1 bale of Fibretex.