

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	18	18	Cellar
18	80	32	Caliche
80	105	55	Sand
105	600	495	Red beds
600	1075	475	Red rock
1075	1130	55	Anhydrite
1130	1160	30	Salt
1160	1180	20	Anhydrite
1180	1240	60	Anhydrite and salt
1240	2488	1248	Salt
2488	3170	682	Anhydrite
3170	3276	106	Anhydrite and lime
3276	3307	31	Anhydrite
3307	3325	18	Anhydrite and lime
3325	3430	105	Lime and sand streaks
3430	3835	405	Lime.

TOTAL DEPTH

N.

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico


AREA 640 ACRES  
LOCATE WELL CORRECTLY

## 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.

**Humble Oil & Refining Company** **Houston, Texas**  
Company or Operator Address  
**Humble State Leases** Well No. **12** in **NE 1/4** of Sec. **31**, T. **20-South**  
Lease  
R. **37 East**, N. M. P. M., **Alamogordo** Field, **Lea** County.  
Well is **1950** feet south of the North line and **660** feet west of the East line of **Section 31**  
If State land the oil and gas lease is No. **37722** 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 **March 14, 1937** 19\_\_\_\_. Drilling was completed **March 30, 1937** 19\_\_\_\_  
Name of drilling contractor **McQueen & Cloverger**, Address **Hobbs, New Mexico**  
Elevation above sea level at top of casing **3535'** feet.  
The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

## OIL SANDS OR ZONES

No. 1, from **750** to **3835** 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 FROM	TO	PURPOSE
10-3/4"	35.00	8	CS	137	Texas	Pattern			
7-5/8	26.40	8	LS	1158	Halliburton				
5-1/2	17.00	10	LS	3724	Halliburton				
2"	4.70	10	Tubing	3819					

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-5/4	10-3/4"	152'	100	Halliburton	10.2	30 tons used
9-7/8"	7-5/8"	1171'	400	Halliburton	10.4	in well
8-3/4"	5-1/2"	3736'	100	Halliburton	10.5	

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ 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

Results of shooting or chemical treatment **Before treating - well would not flow. After treatment well flowed at the rate of 40 barrels per hour thru open 2" tubing.**

## 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 **3835** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Will be put to producing **April 13**, 19 **37**  
The production of the first **24** hours was **40** barrels of fluid of which **90.4%** was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and **.6** % sediment. Gravity, Be. **34.2 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

**J. C. Ineson**, Driller **Bill Hollis**, Driller  
**H. L. Vanya**, Driller \_\_\_\_\_, 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 **13th** **Midland, Texas** **April 13, 1937**  
day of **April**, 19 **37**  
**W. H. Wae Ferguson**  
Notary Public.  
Name \_\_\_\_\_  
Position **Division Superintendent**  
Representing **Humble Oil & Refining Company**  
Box 1600 **Midland, Texas.**