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## NEW MEXICO OIL CONSERVATION COMMISSION

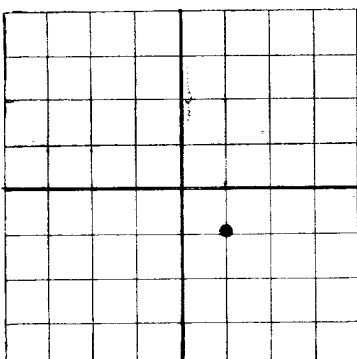
Santa Fe, New Mexico

**DUPLICATE**

WELL RECORD

**RECEIVED**  
 DEC 21 1939  
**HOBBBS OFFICE**

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 Co.****Houston, Texas**

Company or Operator

**N.M.State "K"**Well No. **11****NW/4 of SE/4**

Address

**28****17-3**

Lease

R. **35-E**

N. M. P. M.,

**Vacuum**

Field,

**Lee**

County.

Well is **660** feet south of the North line and **1280** feet west of the East line of **Sec. 28**If State land the oil and gas lease is No. **24241**

Assignment No. \_\_\_\_\_

If patented land the owner is \_\_\_\_\_

Address \_\_\_\_\_

If Government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The Lessee is **Humble Oil & Refining Co.**Address **Houston, Texas**Drilling commenced **11-2-39**

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Drilling was completed **11-25-39**

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Name of drilling contractor **Co. Rig #138**

Address \_\_\_\_\_

Elevation above sea level at top of casing **3953** feet.

The information given is to be kept confidential until \_\_\_\_\_

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## OIL SANDS OR ZONES

No. 1, from **4526** to **4640**

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	
<b>10 3/4</b>	<b>40</b>	<b>8</b>	<b>OD</b>	<b>243'</b>	<b>Shop made cas. shoe</b>				
<b>7 5/8</b>	<b>26.40</b>	<b>8</b>	<b>OD</b>	<b>1565'6"</b>	<b>Hall. Guide Shoe</b>				
<b>5 1/2</b>	<b>17</b>	<b>8</b>	<b>OD</b>	<b>4140'4"</b>	<b>Hall. Guide Shoe</b>				
<b>TUBING</b>									
<b>2"</b>	<b>4.70</b>	<b>8</b>	<b>KUSE</b>	<b>4591'7"</b>					

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<b>13 3/4</b>	<b>10 1/2</b>	<b>232'</b>	<b>185</b>	<b>Pump</b>	<b>10.3</b>	<b>14 tons</b>
<b>9 7/8</b>	<b>7 5/8</b>	<b>1579'6"</b>	<b>400</b>	<b>"</b>		
<b>6 3/4</b>	<b>5 1/2</b>	<b>4152'4"</b>	<b>250</b>	<b>"</b>		
<b>Tubing 2"</b>		<b>4605'4"</b>				

## PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth Set \_\_\_\_\_

Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	WATER OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		<b>Hall. Non-Eml- sifying Acid</b>	<b>2,000</b>	<b>11-29-39</b>	<b>4300'-4640'</b>	<b>Same</b>

 Results of ~~shooting~~ chemical treatment **Tested well 8 hrs. thru 1" choke, made 48.6 bbl. per hr. or 1166 per day. BSAW 4/10 of 1%**
**SEE ATTACHMENT**

## 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.

## TOOLS USED

Rotary tools were used from **0** feet to **4640** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **12-15-39**

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**INITIAL TEST**The production of the first 24 hours was **1166** barrels of fluid of which **99 6/10%** was oil; \_\_\_\_\_ %emulsion, **4/10 of 1% BSAW**; and \_\_\_\_\_ % sediment. Gravity, Be **38.6 at 60°**

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.H. Oberg-K.C. Langston**

Driller

**M.L. Prichard-C.R. Cherry**

Driller

**Reuben Andrews**

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 **19th****Midland, Texas****December 19, 1939**day of **December**

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**39**Name **Willee Mae Ferguson**Position **Assistant Division Superintendent****Humble Oil & Refining Company**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1	1	Top of rotary to top of derrick floor
1	15	14	Top of derrick floor to bottom of cellar
15	75	60	Caliche
75	188	91	Surface sand and gravel
188	195	29	Sand & gravel
195	1561	1366	Red bed
1561	1698	137	Anhydrite
1698	2536	838	Salt
2536	2556	20	Anhydrite
2556	2730	174	Salt
2730	2775	45	Broken anhydrite & salt
2775	2867	92	Anhydrite
2867	2978	111	Anhydrite, broken
2978	3028	50	Anhydrite
3028	3084	56	Anhydrite & strks sand
3084	3951	867	Anhydrite
3951	4123	41	Lime
Corrected hole back to 4116' by steel line measurement			
4116	4640' TD	524	Lime

Ord&rec: N.M. State Oil Conservation Commission

loc: Mr. J.W.House

loc: Mr. J.B.Carney

Ord&rec: Mr. R.E.Sinclair

loc: Mr. J.I.Riddle

loc: File

HUMBLE OIL & REFINING COMPANY  
HOUSTON, TEXAS

COPY

Humble Oil & Refining Company's N. M. State "K" #11, located 660' south of the north line and 1880' west of the east line, in NW/4 of SE/4, of Section 28, Twp. 17S, R-38E, Vacuum Field, Lea County, N.M.

DEVIATION SURVEYS ARE AS FOLLOWS

<u>DEPTH</u>	<u>SLOPE</u>	<u>INSTRUMENT</u>
278	0	SS
667	0	SS
1887	0	SS
2500	1	SS
3250	2	SS

COPY

H. BLE OIL & REFINING COMPANY  
HOUSTON, TEXAS

Sample Oil & Refining Company's No. 1, located  
680' south of the north line and 1980' west of the east line,  
in NW 1/4 of SE 1/4 of Section 33, Twp. 17S, R-33E, Vernon Field,  
Leas County, N.M.

DEVIATION SURVEYS ARE AS FOLLOWS

<u>DEPTH</u>	<u>SLOPE</u>	<u>INSTRUMENT</u>
375	0	33
687	0	33
1527	0	33
2500	1	33
3250	2	33