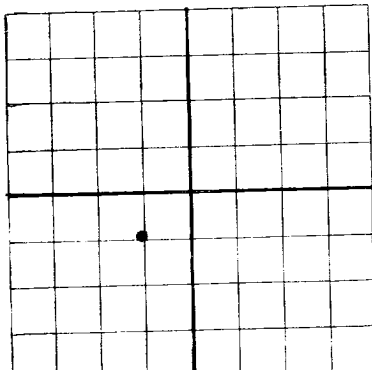
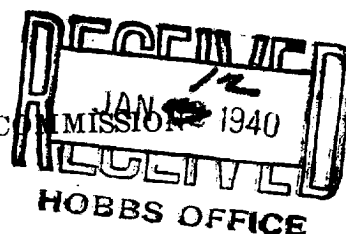


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## NEW MEXICO OIL CONSERVATION COMMISSION

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.

TRIPPLICATE

**Humble Oil & Refining Company** **Houston, Texas**  
 Company or Operator **ne/4 of sw/4** Address  
**N.M.State "K"** Well No. **13** in **28** of Sec. **28**, T. **17-S**  
 Lease **35-E** **Vacuum** Field, **Lea** County.  
 R. **35-E**, N. M. P. M., **Vacuum** East **West**  
 Well is **660** feet south of the North line and **1980** 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 Company** Address **Houston, Texas**  
 Drilling commenced **12-2-39** 19 \_\_\_\_\_ Drilling was completed **12-23-39** 19 \_\_\_\_\_  
 Name of drilling contractor **Company Rig #138** Address \_\_\_\_\_  
 Elevation above sea level at top of casing **3947** feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19 \_\_\_\_\_

## OIL SANDS OR ZONES

No. 1, from **4400** to **4645** 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	
10 3/4	40#	8	LW	237'9"	Shop made casing shoe				
7 5/8	26.40#	8	LW	1570'7"	Halliburton				
5 1/2	17#	8	SS	4139'5"	Halliburton				
<b>TUBING</b>									
2"	4.70#		EUSE	4594'0"					

## 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 3/4	10 1/2	251'9"	150	Pump	16.0	14 tons
9 7/8	7 5/8	1583'7"	400	"	"	
6 3/4	5 1/2	4151'5"	250	"	"	
4 3/4	2" Tbg.	4605'9"				

## PLUGS AND ADAPTERS

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

## RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		Halliburton	1,500	12-26-39	4400-4645	Same
		Non-Emulsifying				
		Do	2,000	12-27-39	4400-4645	Same

Results of ~~shooting~~ chemical treatment **On 8 hr. test, thru 1" choke, made 28 bbls per hour. BSAW 5/10 of 1 1/2**

## 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 **4645** feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## PRODUCTION

Put to producing **1-1-40** 19 \_\_\_\_\_ **INITIAL TEST**  
 The production of the first 24 hours was **672** barrels of fluid of which **99 5/10%** was oil; \_\_\_\_\_ %  
 emulsion, **5/10 of 1 1/2 BSAW**, and \_\_\_\_\_ % sediment. Gravity, Be **38.5 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

**M.L.Pritchard-C.R.Cherry** Driller **K.C.Langston-R.Andrews** Driller  
**C.H.Oberg** 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 **10th** **Midland, Texas** **January 10, 1940**  
 day of **January** 19 **40** Name **W. H. House**  
**W. H. House** Position **Division Superintendent**  
**Humble Oil & Refining Company**

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	2	1	Top rotary to top of derrick floor
1	15	14	Top of derrick floor to bottom of cellar
15	65	50	Caliche
65	200	135	Surface sand & gravel
200	868	668	Red bed
868	1150	282	Red bed and strks. shell
1150	1557	407	Red bed
1557	1704	147	Anhydrite
1704	1742	38	Salt w/s anhydrite
1742	2272	630	Salt & strks. anhydrite
2272	2750	478	Salt w/s anhydrite
2750	2879	129	Anhydrite strks salt & potash
2879	3058	179	Anhydrite
3058	3082	24	Anhydrite & strks sand
3082	3942	860	Anhydrite
3942	4100	158	Lime
Hole corrected back from 4100' to 4095'			
4095	4304	209	Lime
4304	4389	85	Hard lime
4389	4427	38	Lime
4427	4442	15	Hard lime
4442	4461	19	Broken lime
4461	4560	99	Lime
4560	4585	25	Broken lime
4585	4645 TD	60	Lime

Or&2cc: N.M.State Oil Conservation Commission  
 lcc: Mr. J.W.House  
 lcc: Mr. J.B.Carsay  
 or&2cc: Mr. R.E.Sinclair  
 lcc: Mr. J.I.Riddle  
 lcc: File