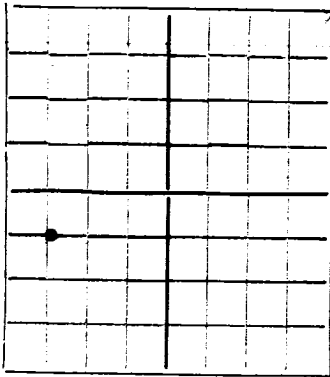


NEW MEXICO OIL CONSERVATION COMMISSION  
Santa Fe, New Mexico



AREA 640 ACRES  
LOCATE WELL CORRECTLY

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.

WELL RECORD

**Humble Oil & Refining Company**

**Houston, Texas**

Company or Operator: **Humble Oil & Refining Company**, Address: **Houston, Texas**  
 N.M. State "E" Well No. **1** in **SW-1/4** of Sec. **21**, T. **19-South**  
 Lease: **R. 37-East**, N. M. P. M., **Monument, N. M.** Field, **Lea** County.  
 Well is **3300** feet south of the North line and **4620** feet west of the East line of **Section 21**.  
 If State land the oil and gas lease is No. **53204** 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 **11-27-36** 19\_\_\_\_. Drilling was completed **12-18-36** 19\_\_\_\_  
 Name of drilling contractor **Gardner Brothers**, Address **Dallas, Texas**  
 Elevation above sea level at top of casing **3657** <sup>3567?</sup> feet.  
 The information given is to be kept confidential until \_\_\_\_\_ 19\_\_\_\_.

OIL SANDS OR ZONES

No. 1, from **3876** to **3985** 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"	35.75#	8	SS	200	Texas	Patterson			
7-5/8"	26.40#	8	SS	1414	Halliburton				
5-1/2"	17.00#	10	SS	3728	Halliburton				
2"	KUZE 4.70#	Tubing		3970					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13-1/4"	10-3/4"	215	100	Halliburton	10.0#	36 tons used in well
9-7/8"	7-5/8"	1426	400	Halliburton	10.5#	
8-3/4"	5-1/2"	3740	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
		Dowell X	1000	12-20-36	3985	
		Dowell X	2000	12-21-36	3985	

Results of shooting or chemical treatment: **Well flowed at the rate of 36 barrels per hour through open 2" tubing on 5 hour test.**

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 **3985** 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 **January 1, 1937**, 19\_\_\_\_  
 The production of the first **24** hours was **36** barrels of fluid of which **99.8** % was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and **.2** % sediment. Gravity, Be. **35.2 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. **FP-80#, CP-350#.**

EMPLOYEES

**George Lewis**, Driller **T. J. Clark**, Driller  
**H. N. Ingram**, 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 **30th** day of **December**, 19 **36**  
 \_\_\_\_\_  
 Notary Public.  
 My Commission expires **6/1/37**  
 Place: **Midland, Texas** Date: **December 30, 1936**  
 Name: **[Signature]**  
 Position: **Division Superintendent**  
 Representing: **Humble Oil & Refining Company**  
 Company or Operator: **Drawer "7" - Midland, Texas.**  
 Address: \_\_\_\_\_

FORMATION RECORD

FORM 1008

FROM	TO	THICKNESS IN FEET	FORMATION
0	51	51	Caliche
51	118	67	Sand and caliche
118	220	102	Red beds
220	590	370	Red rock
590	1070	480	Red beds
1070	1345	275	Red rock
1345	1365	20	Anhydrite broken
1365	1442	77	Anhydrite
1442	1455	13	Salt
1455	1500	45	Anhydrite and salt
1500	1720	220	Salt
1720	1775	55	Anhydrite
1775	2480	705	Salt
2480	2686	206	Anhydrite
2686	2818	132	Broken anhydrite
2818	2894	76	Anhydrite
2894	3018	124	Broken anhydrite
3018	3068	50	Lime and anhydrite
3068	3424	356	Broken lime
3424	3456	32	Lime
3456	3590	134	Broken lime
3590	3647	57	Lime
3647	3672	25	Lime gray
3672	3745	73	Lime
3745	3791	46	Lime gray
3791	3830	39	Lime
3830	3850	20	Lime gray
3850	3876	26	Lime
3876	3908	32	Broken lime
3908	3938	30	Lime
3938	3955	17	Broken lime
			<b>TOTAL DEPTH</b>
			PLUGS AND ADAPTERS
			RECORD OF SHOOTING OR CHEMICAL TREATMENT
			RECORD OF DRILLING AND RECORD LOGS
			TOOLS USED
			PRODUCTION
			EMPLOYEES