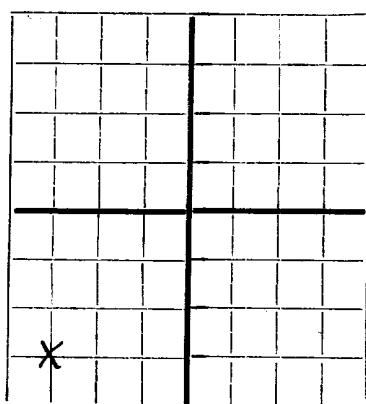


N

AREA 640 ACRES  
LOCATE WELL CORRECTLY

## NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

## 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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

**Humble Oil & Refining Company** Box 2180, Houston, Texas  
N.M. State ☒ Company or Operator Address  
Well No. 1 in SW 1/4 of Sec. 10, T. 21-S  
Lease  
R. 37-E, N. M. P. M., Drinkard Field, Lea County.  
Well is 4620 feet south of the North line and 4620 feet west of the East line of Section 10  
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 **Box 2180, Houston, Tex.**  
Drilling commenced **September 24** 19 **48** Drilling was completed **November 5**, 19 **48**  
Name of drilling contractor **Lee Brown Drig Co.**, Address **725 Fair Bldg. Ft Worth, Texas**  
Elevation above sea level at top of casing **3468** feet.  
The information given is to be kept confidential until 19.

## OIL SANDS OR ZONES

No. 1, from **6625** to **6635** No. 4, from to  
No. 2, from **6642** to **6658** 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 **None** 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	40.5	8	H-40	301.73					Surf. String
7 5/8	26.4	8	J-55	2795.78					Inter. String
5 1/2	15.5	8	J-55	1347.63					Prod. String
5 1/2	14.0	8	J-55	5277.37					" "
5 1/2	15.5	8	J-55	23.88			6625	6658	" "

## MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
13 3/4	10 3/4	315.73	250	Hall.	11.1	53,020 pounds
9 7/8	7 5/8	2807.75	1050	"		
6 3/4	5 1/2	6659.00	450	"		

## 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
		CP 15%	1000 gal	11-11-48	6625-6658	

Results of shooting or chemical treatment **Made 24 bbls oil/hour on 8 1/2 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 **6650** feet, and from feet to feet  
Cable tools were used from feet to feet, and from feet to feet

## PRODUCTION

Put to producing **11-15**, 19**48**  
The production of the first 24 hours was **224** barrels of fluid of which **100** % was oil; %  
emulsion; % water; and % sediment. Gravity, Be **37.8**  
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.T. Spencer**, Driller **J.L. Fox**, Driller  
**C.L. Josey**, 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 **26th**day of **November**, 19 **48**

*Wanda Rose Johnson*  
Notary Public

My Commission expires **6-1-49**

Midland, Texas November 26, 1948

Name *[Signature]*Position **Asst. Div. Supt.**Representing **Humble Oil & Refining Company**  
Company or OperatorAddress **Box 1600, Midland, Texas**

## FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	1235	1235	Red Bed
1235	1367	133	Anhydrite and Red Rock
1367	1787	420	Anhydrite and Salt
1787	2170	383	Salt, Anydrite and Shells
2170	2443	273	Salt and Anhydrite
2443	2760	317	Anhydrite
2760	2808	48	Anhydrite and Lime
2808	2812	4	Anhydrite
2812	2928	116	Lime and Gyp
2928	3491	563	Lime
3491	3572	81	Lime and Gyp
3572	3625	53	Lime
3625	3693	68	Lime and Gyp
3693	3726	33	Lime and Anhydrite
3726	3775	49	Lime
3775	3831	56	Lime and Anhydrite
3831	3878	47	Lime
3878	3941	63	Lime and Sand
3941	4170	229	Lime
4170	4316	146	Lime and Sand
4316	4360	44	Lime
4360	4410	50	Lime and Gyp
4410	4426	16	Lime and Sand
4426	4472	46	Lime and Gyp
4472	4537	65	Lime and Sand
4537	4880	343	Lime
4880	4937	57	Lime and Sand
4937	5015	78	Lime
5015	5083	68	Lime and Sand
5083	5117	34	Lime
5117	5400	283	Lime and Sand
5400	5463	63	Lime
5463	5491	28	Lime and Gyp
5491	5526	35	Lime
5526	5542	16	Lime and Gyp
5542	5568	26	Lime and Sand
5568	5588	20	Lime
5588	5610	22	Lime and Gyp
5610	5637	27	Lime and Sand
5637	5813	176	Lime
5813	5840	27	Lime and Gyp
5840	5954	114	Lime
5954	5994	40	Lime and Gyp
5994	6660	666	Lime
	6660		Total Depth

# HUMBLE OIL & REFINING CO.

N. M. State "V" 1

## Drill Stem Tests

Date	Tester	Packer Depth	Size Hole	Casing Seat	Tool Opa Min.	Formation Tested	Results
11-5-48	Hallib.	6550	6-3/4	2808	66	6550 to 6660	SPONGE oil & Mud & 5280 MCF Gas
11-6-48	Hallib	6615	6-3/4	2808	204	6615 to 6660	150' gas & oil, cut Drlg mud & 1290' FLO

## Angular Deviation

Depth	Slope	Instrument
325	1/4	Totco
750	1/4	Totco
1568	1/8	Totco
2418	1/4	Totco
3222	1/4	Totco
4600	3/4	Totco
5068	1	Totco
6000	1-1/4	Totco
6151	1-1/4	Totco

