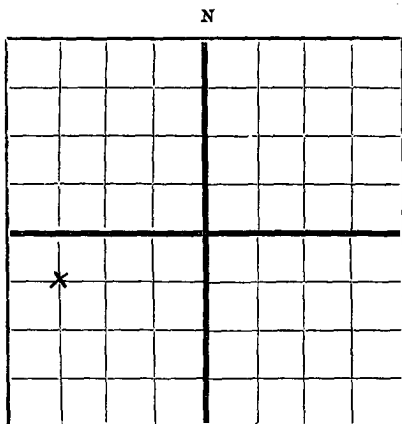


DUPLICATE

FORM C-105

RECEIVED  
JUL 13 1942  
HOBB'S OFFICE



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

**Humble Oil & Refining Company** Box 2180, Houston, Texas  
Company or Operator Address  
New Mexico State T Well No. 1 in SW  $\frac{1}{4}$  of Sec. 8 T 17-S  
Lease  
R 36-E N. M. P. M. West Lovington Field, Lea County.  
Well is 3300 feet south of the North line and 4620 feet west of the East line of Section 8  
If State land the oil and gas lease is No. 76495 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 April 17 1948 Drilling was completed June 1 1948  
Name of drilling contractor Clay and Gackle Address Hobbs, New Mexico  
Elevation above sea level at top of casing 3891 feet.  
The information given is to be kept confidential until 19

### OIL SANDS OR ZONES

No. 1, from 5048 to 5098 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 4732 to 5040 feet Swabbed 6 bbl/hr.  
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"	40.50	8	Rep.	299	Larkin				
7 5/8	26.40	8	Rep.	1910	Hall.				
5 1/2	14.00	8	J&L	483					
5 1/2	15.50	8	Smith	154					
5 1/2	14.00	8	Nat.	4085	Hall.		5048	5098	Pay Strine

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHODS USED	MUD GRAVITY	AMOUNT OF MUD USED
15"	10 3/4	311	250	Hall.	10.9	48510 pounds
9 7/8	7 5/8	1922	960	"		
6 3/4	5 1/2	4732	1000	"		

#### 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 XF-18, 15%	1000	6-8-48	5045-5099	5099
		" " " "	500	6-17-48	5048-5098	5098
		" " " "	2000	6-18-48	5034-5098	5098

(1) 41 bbls fluid per day, 97% acid water; (2) 156  
Results of shooting or chemical treatment.....  
bbls fluid per day, 100% BS&W; (3) 108 bbls per day, 4% BS&W.

#### 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 5099 feet, and from..... feet to..... feet  
Cable tools were used from..... feet to..... feet, and from..... feet to..... feet

#### PRODUCTION

Put to producing July 4 48  
The production of the first 24 hours was 98 barrels of fluid of which 98.8% was oil; 1.2% emulsion; .....% water; and .....% sediment. Gravity, Be. 36.9 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

Jack Robinson, Driller A.M. Pierce, Driller  
R.J. Lovelady, Driller L.D. Caldwell, 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 13<sup>th</sup>

day of July, 1948

*A. L. Robinson*  
Notary Public

My Commission expires June 1, 1949

Midland, Texas

July 13, 1948

Date  
Name *A. L. Robinson*  
Position Assistant Division Superintendent  
Representing Humble Oil & Refining Company  
Company or Operator  
Address Box 1600, Midland, Texas

# FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	10	10	Caliche
10	206	196	Caliche and sand
206	320	114	Sand and Red Bed
320	1191	871	Red Bed
1191	1815	624	Red Bed and Shells
1815	1885	70	Red Rock, Sand, Gyp, and Anhydrite
1885	1974	89	Anhydrite
1974	2048	74	<del>Sand</del> Salt and Anhydrite
2048	2105	57	Salt, Anhydrite and Sand
2105	2165	60	Salt, Anhydrite, Potash and Lime
2165	2619	454	Salt and Anhydrite
2619	2882	263	Salt, Anhydrite and Shells
2882	2998	116	Salt, Anhydrite and Potash
2998	3066	68	Salt, Potash and Gyp
3066	3319	253	Salt, Anhydrite, and Gyp
3319	3972	653	Anhydrite and Gyp
3972	4031	59	Anhydrite, Gyp and Lime
4031	4377	346	Anhydrite and Lime
4377	4554	177	Anhydrite, Gyp and Lime
4554	4755	201	Anhydrite and Lime
4755	5099	344	Lime
TOTAL DEPTH			