

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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Humble Oil and Refining Co.

Houston, Texas.

M. S. Laughlin Company or Operator

Address

Well No. 4 in SE 1/4 of Sec. 4

T. 20-south

37-East

Monument N.M.

Lea

R. 4020, N. M. P. M.

Field

Well is 4020 feet south of the North line and 1980 feet west of the East line of Section 4

County

If State land the oil and gas lease is No. Assignment No.

If patented land the owner is M. S. Laughlin Address Monument, N.M.

If Government land the permittee is Humble Oil & Refining Co. Address Houston, Texas.

The Lessee is 3-22-37 Address 3-13-37

Drilling commenced Gardner Brothers 19 Drilling was completed 3-13-37 19

Name of drilling contractor Address Hobbs, N.M.

Elevation above sea level at top of casing 3554'-7" feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3760 to 3878 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 FROM TO	PURPOSE
10 3/4"	40.00	8	17	139'	Texas	attem		
7 5/8"	26.40	6	38	1287'	Halliburton			
5 1/2"	17.50	10	38	3749'	Halliburton			

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 3/4"	194'	100	Halliburton	10.2	35 tons used
9 7/8"	7 5/8"	1301	400	Halliburton	10.5	in well
6 3/4"	5 1/2"	3760	100	Halliburton	10.8	

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
		Howell EX	1000 gal	3-14-37	3878	

Results of shooting or chemical treatment
Well flowed at rate of 19.40 bbls per hour thru open 2" tubing after treatment would not flow before treatment.

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 attachment feet to feet, and from feet to feet
Cable tools were used from 0 feet to 3878 feet, and from feet to feet

PRODUCTION

First production on April 1, 1937
The production of the first 24 hours was 37 barrels of fluid of which % was oil; % emulsion; % water and 19.40 % sediment. Gravity, Be. 28.2
If gas well, cu. ft. per 24 hours 1.2 Gallons gasoline per 1000 cu. ft. of gas
Rock pressure, lbs. per sq. in.

EMPLOYEES

Driller
Geo. Steed, Driller
W. H. Hawks, Driller
Geo. Lewis, 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 20th

Midland, Texas March 20, 1937

day of March, 1937

Name

Position Division Superintendent

Representing Humble Oil & Refining Company

Address Box 1800 Midland, Texas.

Notary Public

Commission expires 6/1/37

FORMATION RECORD

19-11-1957

FROM	TO	THICKNESS IN FEET	FORMATION
0	50	50	Caliche
50	100	50	Sand and Gravel
100	810	710	Red Beds
810	1120	310	Red Rock
1120	1145	25	Anhydrite
1145	1165	20	Salt
1165	1225	60	Red Rock
1225	1465	240	Anhydrite
1465	1825	360	Salt and Anhydrite
1825	2365	540	Salt
2365	2435	70	Anhydrite Broken
2435	2500	65	Salt and Anhydrite
2500	2543	43	Anhydrite
2543	2751	208	Broken Anhydrite
2751	3142	391	Anhydrite and Lime
3142	3481	339	Broken Lime
3481	3763	282	None Lime
3763	3878	115	Broken Lime
TOTAL DEPTH			