

NEW MEXICO OIL CONSERVATION COMMISSION OFFICE

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 & Refining Company

Houston, Texas

Company or Operator
N. M. State M Well No. 1 of Sec. 18 T. 22-S

R. 37-E N. M. P. M. Arrowhead Field, Lea County.

Well is 3380 feet south of the North line and 1980 feet west of the East line of Section 18

If State land the oil and gas lease is No. 37721 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 12, 1940 Drilling was completed April 30, 1940

Name of drilling contractor Company Rig #138 Address Hobbs, New Mexico

Elevation above sea level at top of casing 3409 feet.

The information given is to be kept confidential until 19

OIL SANDS OR ZONES

No. 1, from 3615' to 3715' 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	
9-5/8"	36#	8	LW	437'	SM				
7"	24#	8	SS	3596'	Halliburton				
TUBING RECORD									
3"	4.70#	8	Ingstr	3493'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
15 1/2"	9-5/8"	450'	125	Halliburton		18 1/2 Tons
8 1/2"	7"	3409'	500	Halliburton		

PLUGS AND ADAPTERS

Heaving plug—Material None Length Depth Set

Adapters—Material None Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		None				

Results of shooting or chemical 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 0' feet to 3715 feet, and from feet to feet

Cable tools were used from feet to feet, and from feet to feet

PRODUCTION

Put to producing May 16, 1940

The production of the first 24 hours was 1308 barrels of fluid of which 99.6 % was oil; %

emulsion; % water; and 4/10 of 1% sediment. Gravity, Be 37.6 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

C. R. Cherry

Driller

M. L. Prichard

Driller

K. C. Langston

Driller

Reuben Andrews

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

Hobbs, New Mexico May 17, 1940

day of May 1940

Name J. L. Hae

Position Division Superintendent

Representing Humble Oil & Refining Co.

Company or Operator Box 1600, Midland, Texas

My Commission expires 6-1-41

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	17	17	Cellar
17	44	27	Caliche
44	105	61	Surface Sand & Gravel
105	190	85	Red Bed
190	335	145	Hard Sand
335	463	128	Red Bed & Strks Hard Sand
463	637	174	Red Bed
637	1027	390	Red Bed & Strks Shell
1027	1090	63	Red Bed & Strks Anhydrite
1090	1245	155	Anhydrite
1245	1491	246	Salt - Strks Anhydrite
1491	1659	168	Anhydrite
1659	1792	133	Anhydrite & Strks Salt
1792	2249	457	Salt - Strks Anhydrite
2249	3032	783	Anhydrite
3032	3043	11	Anhydrite Strks Brown Lime
3043	3171	128	Brown Lime
3171	3181	10	Gray Lime
3181	3223	42	Lime - Gray
3223	3276	53	Lime
3276	3346	70	Gray Lime
3346	3414	68	Lime
3414	3460	46	Broken Lime
3460	3478	18	Lime (Hard)
3478	3500	22	Lime
3500	3528	28	Lime (Broken)
3528	3715 TD	187	Lime