

Form SC 103

NEW MEXICO STATE LAND OFFICE

SANTA FE, NEW MEXICO

DEPARTMENT OF THE STATE GEOLOGIST

WELL RECORD

Mail to State Geologist, Santa Fe, New Mexico, not more than ten days after completion of well. Indicate questionable data by following it with (?). Submit in duplicate.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Company Humble Oil & Refining Address Houston, Texas

Send correspondence to Mr. R. C. Barbour Address P.O. Box 933, McCombs, Texas

Ernie C. Wooley Well No. 1 in SE 1/4 of Sec. 10, T. 24 S., R. 26 E, N. M. P. M., Jal., New Mexico Oil Field Lea County.

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

If patented land the owner is _____, Address _____

The lessee is Humble Oil & Refining Co., Address Houston, Texas

If not state or patented land, give status _____

Drilling commenced 6/26/35 19____. Drilling was completed 6/29, 1935

Name of drilling contractor Loffland Bros., Address Tulsa, Okla.

Elevation above sea level at top of casing 3576.3 feet.

The information given is to be kept confidential until _____ 19____.

OIL SANDS OR ZONES

No. 1, from 3565' to 3563' No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____

No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & PULLED FROM	PERFORATED		PURPOSE
							FROM	TO	
<u>1 1/2"</u>	<u>507</u>	<u>8</u>	<u>SS</u>	<u>63'</u>	<u>Tex-Pat.</u>	<u>None</u>	<u>None</u>		
<u>7-8/8"</u>	<u>29.704</u>	<u>8</u>	<u>SS</u>	<u>3033'</u>	<u>Hal.</u>	<u>None</u>	<u>None</u>		
<u>8-1/8"</u>	<u>177</u>	<u>10</u>	<u>SS</u>	<u>3531'</u>	<u>Hal.</u>	<u>None</u>	<u>None</u>		

MUDDING AND CEMENTING RECORD

SIZE	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>1 1/2"</u>	<u>78'</u>	<u>125</u>	<u>Fuller's Mud</u>	<u>10.5</u>	<u>50 VANS</u>
<u>7-8/8"</u>	<u>3078'</u>	<u>580</u>	<u>"</u>	<u>10.5</u>	<u>55 "</u>
<u>8-1/8"</u>	<u>3531'</u>	<u>125</u>	<u>"</u>	<u>10.5</u>	<u>55 "</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth Set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

SIZE	SHELL USED	EXPLOSIVE USED	QUANTITY	DATE	DEPTH SHOT	DEPTH CLEANED OUT

TOOLS USED

Rotary tools were used from 0 feet to 3585 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing July 31st, 1935.

The production of the first 2 hours was 50 barrels of fluid of which 99.6 % was oil; _____ % emulsion; _____ % water; and 4/10 % sediment. Gravity, Be. 30

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. C. Fielder _____, Driller Joe Christerson _____, Driller

John Wells _____, Driller Bob Johnson _____, 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 August 1 to before me this 35 Name Ernie C. Wooley

day of _____, 19____ Position Humble Oil & Refining Company

Upton County _____ Representing _____

June 1, 1937 Notary Public. _____ Company or Operator.

My commission expires _____

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	30	30	Surface sand
30	997	967	Red beds and shells
997	1162	165	Sand and shells
1162	1220	58	Hard sand and shells
1220	1238	18	Red beds
1238	1342	104	Red beds and sand
1342	1400	58	Shale and shells
1400	1515	115	Anhydrite
1515	1572	57	Salt
1572	1720	148	Salt and anhydrite
1720	1860	140	Salt
1860	1890	30	Anhydrite
1890	2077	187	Salt
2077	2098	21	Anhydrite
2098	2297	199	Salt
2297	2311	14	Anhydrite
2311	2590	279	Salt
2590	2600	10	Anhydrite
2600	2608	8	Salt
2608	2639	31	Anhydrite
2639	2672	33	Salt
2672	2715	43	Anhydrite
2715	2740	25	Salt
2740	2774	34	Anhydrite
2774	3051	277	Salt
3051	3090	39	Anhydrite
3090	3336	246	Line
3336	3360	24	Brown line
3360	3586	226	Line - Total Depth