

Form 9-380

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER 048741

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Houston, Texas

Lessor or Tract Federal Poqueano Field Eunice State New Mexico

Well No. 4 / Sec. 26 T. 20S R. 36E Meridian NMPM County Lea

Location 660 ft. N. of S. Line and 660 ft. E. of E. Line of Section 26 Elevation 3563
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed [Signature]

Date October 14, 1954

Title District Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling March 3, 1938 Finished drilling March 19, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3730 to 3850 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 casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10-3/4	40	8	SS	150	Texas Pattern				
7-5/8	26.4	8	SS	125	Halliburton guide shoe and float collar				
5-1/2	17	10	SS	3701	Halliburton guide shoe and float collar				
TUBING									
2"	4.7	10	EUSE	3836					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	163	100 sack El Toro	Halliburton	9.0	25 tons used in well
7-5/8	1267'1"	400 sack El Toro	"	9.5	
5-1/2	3711	150 sack El Toro	Halliburton	10.0	

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____

Adapters—Material None Size _____

ACID TREATING ~~SHOOTING~~ RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		Halliburton		3-21-38		
		Acid	2000 gal		3730-3850	

TOOLS USED

Rotary tools were used from 0 feet to 3850 feet, and from _____ feet to _____ feet

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

DATES

March 29, 1938 Will be put to producing April 1, 1938

The production for the first 24 hours was 88 barrels of fluid of which 99.8 % was oil; _____ % emulsion; _____ % water; and .2 % sediment. Gravity, °Bé. 34.3 at 60°

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. Tubing pressure - 435#, casing pressure - 125#.

EMPLOYEES

Sid Sprouse, Driller 38 _____, Driller

C. W. Lambert, Driller 38 H. R. Vanga, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	170	170	Red bed & shells
170	775	605	Red rock
775	975	200	Red rock
975	1150	175	Red rock & anhydrite
1150	1170	20	Anhydrite
1170	1240	70	Red rock
1240	1270	30	Anhydrite
1270	1424	154	Anhydrite & salt
1424	2700	1276	Salt & anhydrite
2700	2760	60	Gypsum, salt, & anhydrite shells
2760	2820	60	Salt & anhydrite
2820	3000	180	Anhydrite
3000	3610	610	Lime
3610	3710	100	Broken lime
3710	3850	140	Lime <u>Top of Grayburg at 3840.</u>

(OVER)

FORMATION RECORD - CONTINUED

