

U. S. LAND OFFICE Roswell, New Mexico

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT 002250A

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Company Address Box 2100, Houston, Texas
Lessor or Tract Federal Reserve Field Reserve State New Mexico
Well No. 4-15 Sec. 22 T. 12 R. 20 Meridian Lea County Lea
Location 400 ft. {N.} of 4 Line and 400 ft. {E.} of 2 Line of Section 22 Elevation 2000
(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

Title Mineral SuperintendentDate September 22, 1947

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

Commenced drilling August 22, 1947 Finished drilling September 1, 1947OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2000 to 2010 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 None 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—	
8-1/2"	22.5	22	Halliburton	2714.00					
8-1/2"	22.5	22	Halliburton	432.44					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-1/2"	2000.00'	100 Atlas	Halliburton		
8-1/2"	2100.0'	1000 Gray S-S	Halliburton		
8-1/2"		100 Gray Bag	Halliburton		

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
		Completed natural				

TOOLS USED

Rotary tools were used from 0 feet to 2010 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

September 4, 1947 Put to producing September 1, 1947

The production for the first 24 hours was 210.2 barrels of fluid of which 110 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 40.4

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

Rock pressure, lbs. per sq. in. _____

R. T. Levelady, Driller J. D. Kendrick, Driller
Ernest Levy, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	95	95	Surface
95	200	105	Clastic Red Sand
200	200	0	Red Sand, Hard shale
200	2045	405	Red Sand, Gyp.
1005	1405	120	Red Sand, Anhy.
1405	1600	195	Red Sand, Anhy. Streak salt, shells.
1600	2017	1172	Anhy. salt, shells
2017	2017	0	Anhy.
2017	2100	77	Anhy. Gyp.
2100	2100	0	Cement, Anhy.
2100	2100	0	Anhy. sandy lime
2100	2200	10	Anhy.
2200	2217	17	Sand
2217	2217	0	Anhy.
Top pay	2217		

(OVER)