



U. S. LAND OFFICE Roswell
 SERIAL NUMBER _____
 LEASE OR PERMIT TO PROSPECT 045741

DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Co Address Houston, Texas
 Lessor or Tract Louis C. Poparno (A/G/S) Field Amice State New Mexico
 Well No. 2 Sec. 35 T. 20S R. 50E Meridian _____ County Lea

Location 1990 ft. S. of N Line and 560 ft. W. of E Line of Section 35 Elevation 3940
(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 **COPY ORIGINAL SIGNED: H. S. MCGARRY**

Date November 4, 1937 Title District Superintendent

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

Commenced drilling October 14, 1937 Finished drilling October 27, 1937

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3730 to 3860 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	Length in feet	Make	Amount of cement	Kind of shoe	Casing pulled from	Perforated		Purpose
							From	To	
10-5/8"	40	154'	Halliburton	150	Ball	3750'			Set shoe and float collar
7-5/8"	28	1276'	Halliburton	450	Ball	3750'			
5-1/2"	17	3704'	Halliburton	125	Ball	3750'			
2"	4.70	10'	HUSE	3615'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-5/8"	154'	150	Halliburton	10.2	
7-5/8"	1276'	450	Halliburton	10.3	
5-1/2"	3704'	125	Halliburton	10.7	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

ACID TREATING RECORD

Date	Well used	Acid used	Quantity	Date	Depth shot	Depth cleaned out
Nov 1, 1937	Treated with 1000 gallons Halliburton acid from 3750' to 3860'. On November 2, 1937 treated with 2000 gallons Halliburton acid from 3750' to 3860'.					

TOOLS USED

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

DATES (On schedule)

November 3 to 37 Put to producing November 16, 1937
 The production for the first 24 hours was 38 barrels of fluid of which 99.4% was oil; _____ % emulsion; _____ % water; and 6/10 % sediment. Gravity, °Bé. 34.8 at 60 deg.

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
 Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Y. O. Earnest, Driller Sid Sprouse, Driller
C. E. Earnest, Driller _____, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	16	16	Cellar
16	45	29	Caliche
45	95	50	Sand
95	294	199	Red beds
294	905	611	Red beds and red rock
905	1055	150	Red beds and shells
1055	1255	200	Red rock
1255	2545	110	Anhydrite
1365	1420	55	Salt and anhydrite shells
1420	2670	1250	Salt and anhydrite
2670	2897	227	Anhydrite
2897	3860	963	Lime