

FEDERAL OFFICE OCC  
1955 FEB 25 PM 1:15

U. S. LAND OFFICE Las Cruces

SERIAL NUMBER \_\_\_\_\_

LEASE OR PERMIT TO PROSPECT 048741

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 Louis C. Fopsano (a/c #2) Field Eunice State New Mexico  
Well No. 2 Sec. 35 T. 20S R. 36E Meridian NMPM County Lea  
Location 1980 ft. {N.} of N. Line and 660 ft. {E.} of E. Line of Section 35 Elevation 3560  
(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 11, 1954 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	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From-	To-	
10-3/4"	40	8	SS	3411'	Terminal				
7-5/8"	28-2	10	SS	1052'	Halliburton set shoe and float collar				
5-1/2"	17	10	SS	3692'	Halliburton set shoe and float collar				
TUBING									
2"	4.7	10	EUSE	3843'					

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4"	154'	150	Halliburton	10.2	
7-5/8"	1276' 10"	450	"	10.3	
5-1/2"	3704'	125	"	10.7	

PLUGS AND ADAPTERS

Heaving plug—Material \_\_\_\_\_ Length \_\_\_\_\_ Depth set \_\_\_\_\_  
Adapters—Material \_\_\_\_\_ Size \_\_\_\_\_

ACID TREATING SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
11-1-37	Treated w/1000 gals Halliburton acid from 3730-3860.			11-2-37	Treated w/2000 gals Halliburton acid from 3720-3860.	
4-20-38	Treated w/2000 gals acid from 3705-3860.					
2-4-53	Treated w/1250 gals Cardinal Jet and 4000 gals 15% Unisol acid from 3705-3860.					

TOOLS USED

Rotary tools were used from 0 feet to 3860 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

DATES

November 3, 1937 Put to producing (on schedule) November 16, 1937  
The production for the first 2 1/2 hours was 38 barrels of fluid of which 99.4% was oil; \_\_\_\_\_ % emulsion; \_\_\_\_\_ % water; and .6 % sediment. Gravity, °Bé. 34.8 at 60°

If gas rel cu. ft. per 24 hours 336,000 Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs per sq. in. \_\_\_\_\_

EMPLOYEES

V. 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	1365	110	Anhydrite
1365	1420	55	Salt and anhydrite shells
1420	2670	1250	Salt and anhydrite
2670	2887	217	Anhydrite
2887	3860	973	Line, <u>Top of Grayburg at 3805'</u>

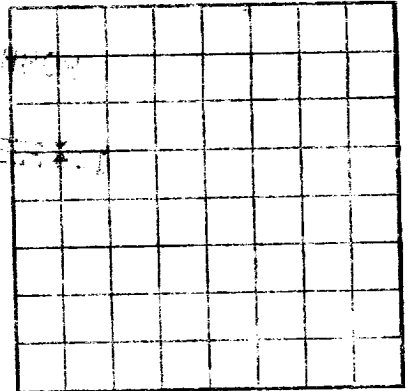
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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



LOCATE WELL CORRECTLY

Company name of oil well  
Address  
State  
County  
Well No.  
Location  
Elevation

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.

Completed drilling on this page is for the condition of the well at above date.

Oil or gas sands or zones

Important water sands

Completion

This log filed in compliance with Order R-520 of the New Mexico Oil Conservation Commission.

CASING RECORD  
This well drilled as per specifications noted on approved Notice of Intention to Drill.

HISTORY OF OIL OR GAS WELL

Table with columns for Date, Description, and Remarks. Includes entries for mud and cementing records.

SPROUTING RECORD

TOOLS USED

RATES

EMULSIONS

FORMATION RECORD

DRILLING DATA

DRILL TOOLS, PIPE, OR OTHER MATERIAL LOST IN HOLES

CASING AND CEMENTING RECORD

DISTANCE FROM TOP OF DERRICK FLOOR TO TOP OF OIL STRING BRADENHEAD

ELEVATION, TOP OF OIL STRING BRADENHEAD

ELEVATION, TOP OF DERRICK FLOOR

PAY FORMATION

HOBS DISTRICT REQUEST

DRILLED BY

GENERAL REMARKS

FORMATION

TOTAL FEET

FROM

TO

FORMATION

FORMATION

FORMATION

FORMATION

FORMATION