

U. S. LAND OFFICE

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

RECEIVED
SEP 28 1938
HOBBS OFFICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Humble Oil & Refining Co. Address Houston, Texas
Lessor or Tract Federal Ropcano Field Sanice State New Mexico
Well No. 6 Sec. 35 T. 20S R. 36E Meridian Lea
Location 660 ft. N. of N. Line and 660 ft. W. of E. Line of Section 35 Elevation 3566'
(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 H. S. McLaughlinDate September 14th, 1938Title District Sup't.

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

Commenced drilling August 8th, 1938 Finished drilling August 28th, 1938

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3779' 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" OD 40.5#	8	LW	160' 9"	Texas Pattern					
7 5/8" OD 26.4#	8	Halliburton	1274' 5"	Trinity					
5 1/2" OD 17.4#	8	Halliburton	3713' 0"	El Toro					
2" EUSE	4.70#	8	3839' 2"						

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4" OD	174' 0"	100 El Toro	Halliburton	9.0#	25 tons used in well
7 5/8" OD	1274' 5"	400 Trinity	Halliburton	9.5#	
5 1/2" OD	3713' 0"	150 El Toro	Halliburton	10.3#	

PLUGS AND ADAPTERS

Heaving plug—Material None Length _____ Depth set _____
Adapters—Material None Size _____

ACID TREATMENTS

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Halliburton acid			1500 gal.	8/29/38		3750' to 3850'
Halliburton acid			2000 gal.	9/1/38		3760' to 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

September 14th, 1938

Put to producing September 16th, 1938

The production for the first 24 hours was 72 barrels of fluid of which 54 % was oil; _____ % emulsion; 46 % water; and _____ % sediment. Gravity, °Bé. 31.8 at 60 degrees

If gas well, cu. ft. per 24 hours 864,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. Tubing pressure 160#, Casing Pressure 600#

EMPLOYEES

C.R. Cherry, Driller P.L. Stephens, Driller

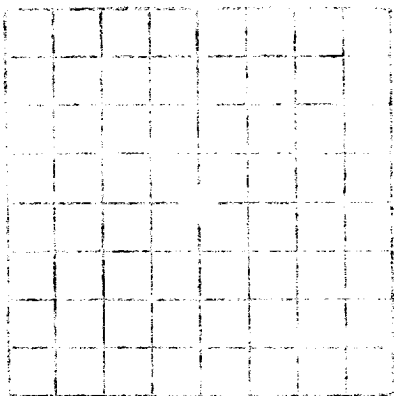
M.L. Prichard, Driller R.F. Huber, Driller

FORMATION RECORD

FROM	TO	TOTAL FEET	FORMATION
0	45	45	Caliche
45	780	735	Red beds
780	1104	324	Hard sandy red beds and shells
1104	1244	140	Hard sand and red beds
1244	1255	11	Red beds
1255	1400	145	Anhydrite
1400	1522	122	Anhydrite and streaks water sand
1522	1535	13	Anhydrite
1535	1839	304	Salt and streaks anhydrite
1839	1929	90	Salt streaks, anhydrite and hard sand
1929	1950	21	Hard sand
1950	2128	178	Anhydrite, hard sand, and red beds
2128	2260	132	Salt and streaks anhydrite
2260	2328	68	Anhydrite
2328	2340	12	Anhydrite and streaks salt
2340	2634	294	Salt and streaks anhydrite
2634	3152	518	Anhydrite
3152	3600	448	Lime
3600	3714	114	Broken lime
3714	3860	136	Lime-TD

(OVER)

FORMATION RECORD—Continued



LOG OF OIL OR GAS WELL

DUPLICATE

Oil and Gas Well Log Form No. 1, 1933. The information given hereafter is a complete and correct record of the well and all work done thereon. It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added, state the size and location. If the well has been dynamited, state date, size, position, and number of shots. If plugs or bridges were put in to test, state kind of material used, position, and results of pumping or falling.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added, state the size and location. If the well has been dynamited, state date, size, position, and number of shots. If plugs or bridges were put in to test, state kind of material used, position, and results of pumping or falling.

OIL OR GAS SANDS OR ZONES

Oil and Gas Well Log Form No. 1, 1933. The information given hereafter is a complete and correct record of the well and all work done thereon. It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added, state the size and location. If the well has been dynamited, state date, size, position, and number of shots. If plugs or bridges were put in to test, state kind of material used, position, and results of pumping or falling.

IMPORTANT WATER SANDS

Oil and Gas Well Log Form No. 1, 1933. The information given hereafter is a complete and correct record of the well and all work done thereon. It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was added, state the size and location. If the well has been dynamited, state date, size, position, and number of shots. If plugs or bridges were put in to test, state kind of material used, position, and results of pumping or falling.

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

HOODING AND CEMENTING RECORD

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

PLUGS AND ADAPTERS

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

HOODING RECORD

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

TOOLS USED

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

DATES

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

EMPLOYERS

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used

FORMATION RECORD

From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used	From	To	Purposes	Amount of sand or gravel used	Kind of sand or gravel used