

NOTED COPY TO U. S. L.

MAR 17 1961

HOBBS

U. S. LAND OFFICE

SERIAL NUMBER

MH 021195

LEASE OR PERMIT TO PROSPECT

STANDLEY

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company The Atlantic Refining Company Address Box 1038 Denver City, Texas
Lessor or Tract Rutter Federal Field Undesignated State New Mexico
Well No. 1 Sec. 28 T. 8-S R. 37-W Meridian NMPH County Lea
Location 1980 ft. [N.] of So. Line and 666 ft. [E.] of West Line of Section 8 Elevation 4041 DF
(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

M.A. Carr

Date March 16, 1961Title District Superintendent

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

Commenced drilling 1-22-, 1961 Finished drilling March 3,, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

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	Depth set	Perforated	Purpose
10 1/2"	32.1	8	AMERICAN	1000	0	1000	Drilling
8"	22.5	8	AMERICAN	1000	1000	1000	Drilling
6 1/2"	11.6	8	AMERICAN	1000	1000	1000	Drilling
2" Tubing				9488.91	1000	9540	Drilling

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 1/2"	399.38	350	Pump		
8"	4350.28	1400	Pump		
6 1/2"	9610.00	500	Pump		

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
	None					

TOOLS USED

Rotary tools were used from 0 feet to 9615 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 10,, 1961 Put to producing March 10,, 1961

The production for the first 24 hours was 201 barrels of fluid of which _____ % was oil; 100 % emulsion; _____ % water; and _____ % sediment.

Gravity, °Bé. 60 @ 60°

If gas well, cu. ft. per 24 hours _____

Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

C.D. Tynes, Driller _____, Driller
H.B. McDonald, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1460	1460	Redbed
1460	1722	262	Anhy.
1722	2339	617	Anhy. & Redbed
2339	2397	58	Anhy.
2397	2766	369	Anhy. & Salt
2766	4241	1475	Anhy.
4241	4350	109	Anhy. & Lime
4350	5174	824	Lime
5174	5319	145	Lime & Shale
5319	5944	625	Lime
5944	7663	1719	Lime & Shale
7663	7693	30	Abo Shale
7693	7871	178	Shale
7871	7898	27	Abo Shale
7898	8098	200	Shale
8098	8164	66	Shale & Lime
8164	8187	23	Shale
8187	8333	146	Lime & Shale
8333	8360	27	Shale
8360	8797	437	Lime & Shale
8797	8812	14	Lime, Shale & Tr.Chert
8812	8846	35	Lime & Chert
8846	8897	51	Lime, Chert & Shale
8897	8940	43	Lime, Chert & Shale
8940	8990	50	Sandy lime & Shale
8990	9015	25	Lime & Shale

FORMATION RECORD—Continued

16-48004-4

AT THE END OF COMPLETE DRILLER'S LOG, ADD GEOLOGIC TOPG. STATE WHETHER FROM DL. OR SAMPLES.