

Section 14

1840'

1856'



U. S. LAND OFFICE New Mexico
SERIAL NUMBER _____
LEASE OR PERMIT TO PROSPECT _____
14-20-604-120
ATES **R E C E I V E D**
THE INTERIOR
SURVEY MAR 24 1964

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Standard Oil Company of Texas, A
Division of California Oil Company

Company Address Drawer "E", Monahans, Texas

Lessor or Tract Ute Mountain Tribal 1 Field Undesignated State New Mexico

Well No. 1 Sec. 14 T. 31N R. 14W Meridian NMPM County San Juan

Location 1856 ft. ^(N.)_(S.) of E Line and 1840 ft. ^(E.)_(W.) of E Line of Section 14 Elevation 5816 K.D.B.
(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 G. S. Monig

Date March 29, 1964 Title Lead Engineer

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

Commenced drilling November 30, 1958 Finished drilling December 23, 1958.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

No. 5, 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—	
8-5/8	24	BTAC	New	226.89	Flint Shoe	None			Surface String
7-1/2	15.5	BTAC	New	1000	Flint Shoe	None	2916	2977	Oil String
4	10.6	T.F.	New	557.2	Dogleg	None	2977	2980	Liner

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	240'	150	Pump & Plug		
5-1/2	3035'	275	Pump & Plug		
4"	3328	Not Cemented			

PLUGS AND ADAPTERS

Heaving plug—Material cement (90 sz.) Length 145 Depth set 3695-3550'
Adapters—Material Cast Iron Bridge Plug Size --- Depth Set 2985'

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 365 feet, and from -- feet to -- feet
Cable tools were used ^{to} ~~from~~ cleanout ~~water~~ feet, and from ----- feet to ----- feet

DATES

Put to producing 6-5, 1959.

The production for the first 24 hours was 8 barrels of fluid of which 99% was oil; .05% emulsion; 0% water; and .05% sediment. Gravity, °Bé. _____

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

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

----- **Paul A. Glover** -----, Driller ----- **J. F. Sorey** -----, Driller
----- **E. F. Bamfro** -----, Driller ----- **Paul White** ----- ~~Driller~~
----- **Drilling Foreman** -----

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
1000	1800	800	White-gray, fine-medium grained sandstone and sandy gray shale, occasional coal.
1800	2280	480	Sandy shale, scattered thin sands.
2280	2350	70	White, very fine grained, sandstone.
2350	2400	50	Very sandy shale.
2400	2470	70	White, very fine grained, silty, slightly micaceous sand.
2470	2980	510	Dark gray, sandy, silty, shale.
2980	3140	160	White to brown very fine grained siltstone, and gray sandy shale.
3140	3620	480	Black sandy micaceous shale.
3620	3695	75	Siltstone and sandy shale.
			<u>FORMATION THICKNESSES:</u>
			Cliff House 601'
			Manatee 746'
			Pt. Lookout 1481'
			Mancos Shale 1858'
			Ute Sand 2302'
			Upper Gallup 2931'
			Lower Gallup 3050'
			Tecito 3116'
			Greenhorn 3628'

FORMATION

FROM—

—OL

TOTAL FEET**FORMATION**

HISTORY OF OIL OR GAS WELL

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 "sidetracked", or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spilled well 10:15 P.M., November 30, 1958. A 1st hole was drilled to 244 feet. 0-5/8" 2 1/2", 2-55, HMC new casing was cemented at 240 feet with 150 cc. cement. Circulation estimated 20 cc. cement in surface. W.O.C. 5:15 A.M., 12-2-58. W.O.C. 24 hours. Tested 6 5/8" casing to 1000 psi for 30 minutes, O.K. Drilled 7-7/8" hole to total depth of 299'. Run logs. Plugged back from 369'-1590' with 90 cc. cement. Cemented 5 1/2" 15.5#/ft., 2-55, HMC, new casing at 3035' with 100 cc. cement. Graded B.V. tool at 1937' and cemented 5 1/2" casing with 175 cc. cement. H.O.C. 11:20 P.M., 12-30-58. H.O.C. 24 hours. Tested 5 1/2" casing above and below tool with 1000 psi water pressure for 30 minutes; O.K. Fracture treated interval 3035-3575 with 20,000 gallons large crude and 10,000 lbs. sand. After back flow, cleaned out well for 6 days. Hole casing daily. Moved in casing tool rig. Cleaned out well bore 1-23-59 to 2-7-59 (15 days). Cleaned out to 3585'. Run 4", 10.6#/ft., 2-55, HMC-11, flush joint liner. Landed liner at 3585' with top of log at 3677'. Liner slots are from 3575-3038'. Run rods and tubing. Pump tested well. 4-7-59, pulled rods and tubing. Perforated intervals 2916-30, 2950-60, 2960-80 with 2 jets per foot. Set bridge plug at 2965'. Fracture treated perforated interval with 20,000 gallons large oil and 20,000 lbs. sand. Run tubing and landed at 2955'. Run pump and rods. Flashed well on pump. Recovered load oil. On potential test June 5, 1959, well pumped 8 MO, 0 MO in 24 hours. Well was temporarily abandoned in May, 1961. Last production from the well was 2 barrels oil daily. Well now non-producing.