Form 9-330

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT 14-20-600-3530

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Atlantic Refining Company Address Box 2197, Farmington, New Mexico

Lessor or Tract Tribal (Navajo-Ute Mtn. Tribal) Mobil Navajo Field Undesignated State New Mexico

Well No. 1 Sec. 7 T. 31N R. 16W Meridian NMPM County San Juan

Location 950 ft. {N. / S.} of S Line and 1710 ft. {E. / W.} of E Line of Sec. 7 Elevation 5642 (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 B J Sartain

Date February 12, 1963 Title Drlg. & Prod. Supv.

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

Commenced drilling 11-22, 19 62 Finished drilling 12-9, 19 62

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1603 Ft. to 1617 Ft. 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 None 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 From—	Perforated To—	Purpose
8 5/8	24	8R	J&L	94.41'	Reg. Patt.	-	-	-	Surface
4 1/2	9.5	8R	CF&I	1656.38'	Guide	-	1607	1614	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	100.18	80	Pump & Plug		
4 1/2	1660.93	60 + 2% gel	Pump & Plug	9.3#/gal	

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

TOOLS USED

Rotary tools were used from Surface feet to 1675 T.D. feet, and from feet to feet

Cable tools were used from None feet to feet, and from feet to feet

DATES

, 19 Put to producing 12-23, 19 62

The production for the first 24 hours was 152 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. After rec. frac load Gravity, °Bé. 41.4° API

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

Rock pressure, lbs. per sq. in.

EMPLOYEES

XXXX Brigham Drilling Co., Driller , Driller

, Driller , Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	140 Ft.	140 Ft. +	Cretaceous: Point Lookout formation
140 Ft.	1448 Ft.	1308 Ft.	Mancos Shale
1308 Ft.	1603 Ft.	295 Ft.	"Gallup" formaiton (Niobrara)
1603 Ft.	1617 Ft.	14 Ft.	Lower Horseshoe Sand (Basal Niobrara)
1617 Ft.	T.D. 1675	58 Ft. +	Juana Lopez member (Carlile)

16—43094-5

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.