

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER.....

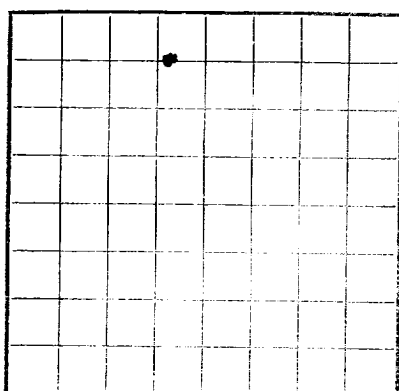
LEASE OR PERMIT TO PROSPECT

14-20-600-3531

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 2197 Farmington, N.M.
Lessor or Tract Navajo 31-16 Field Undesignated State New Mexico
Well No. 17-1 Sec. 17 T. 31N R. 16W Meridian NMPM County San Juan
Location 660 ft. S. of N Line and 2030 ft. E. of W Line of Section 17 Elevation 5698

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. C. S. Haine

Date **March 21, 1963**

Title Drilling & Prod. Supervisor

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

Commenced drilling March 13, 19 63 Finished drilling March 15, 19 63

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from NONE ----- to -----	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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	90.16	90 + 2% CaCl	Pump & Plug		Cement Circulated
			P & A RECORD BELOW		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from Surface feet to 1820 TD feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

-----, 19----- Put to producing P&A----- 19

The production for the first 24 hours was P. & A. barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % 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

Whigham Drlg. Co., Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	290'	280	Mesaverde - 10' RKB - GL Distance
290'	1530'	1290	Mancos Shale
1530'	1736'	176	Gallup (Niobrara)
1756'	1760'	4	Lower Gallup (Basal Niobrara)
1760'	1786'	26	Juana Lopez (Member of Carlile Form.)
1786'	1820' TD	34	Carlile Shale
<u>P & A RECORD</u>			
1820'	1490'	with 75 sx.	Incor Cement plus 4% Gel.
400'	260'	with 25 sx.	Incor Cement Plus 4% Gel.
RKB 10'	40'	with 10 sx.	Cement.
Intervals between cement plugs filled with 8.5#/gal mud.			

