

U. S. LAND OFFICE Santa Fe

SERIAL NUMBER

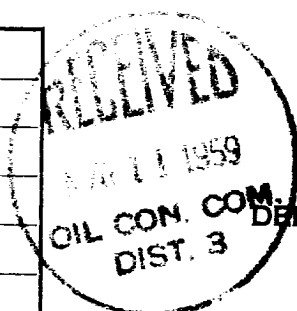
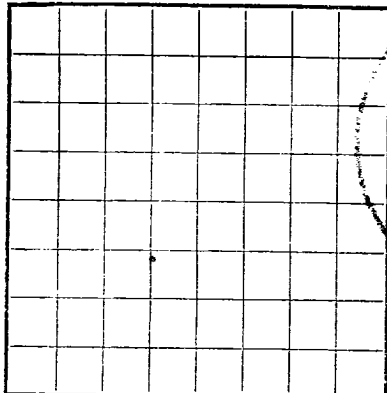
LEASE OR PERMIT TO PROSPECT

~~14-20-603-734~~

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOG OF OIL OR GAS WELL

Company The Atlantic Refining Co. Address Box 520, Casper, Wyoming
 Lessor or Tract Tribal (Navajo) Field Horseshoe Gulch, New Mexico
 Well No. 90 Sec. 32 T. 18N R. 16W Meridian 100-11 County San Juan
 Location 190 ft. $\begin{Bmatrix} N. \\ S. \end{Bmatrix}$ of 3 Line and 190 ft. $\begin{Bmatrix} E. \\ W. \end{Bmatrix}$ of 4 Line of Sec. 32 Elevation 5366 ft.

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

Date --- ~~5-6-59~~

Title ~~District Clerk~~

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

Commenced drilling 1-2, 1959 Finished drilling 1-29, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~112~~ to ~~114~~
No. 2, from ~~120~~ to ~~120~~
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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	94.86	115	Pump - Plug	8.9	
8-1/2	1249.69	130	Pump - Plug	8.9	

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 0 feet to 1278 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Put to producing 19

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

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

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

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0 1071 1250	1071 1250		Manos Gallup Gunn's Lope
First Treatment -			
Treated perforations 1201-1230 with 18,000# 10/20 sand and 9450 gals. lease crude. Average treating pressure 14,000# at 3 1/2 BPP.			
Second Treatment -			
Treated perforations 1122-1134 with 20,000# 10/20 sand and 8904 gals. lease crude. Average treating pressure 17000# at 3 1/2 BPP.			
FROM—	TO—	TOTAL FEET	FORMATION

LOVER!

[OVER]
 FOR KAYLION RECORD-COMPILED

10-43094-1

