

U. S. LAND OFFICE -----

SERIAL NUMBER _____

LEASE OR PERMIT TO PROSPECT _____

UNITED STATES #14-20-604-1951-

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company PETRO-ATLAS, INC. Address 2000 National Bank of Tulsa
Tulsa 3, Oklahoma

Lessor or Tract **UTE-NAVAJO** Field **HORSESHOE GALLUP** State **NEW MEXICO**

Well No. **4** Sec. **27** T. **31N** R. **16W** Meridian **NMPM** County **SAN JUAN**

Location **365** ft. $\begin{matrix} \text{N.} \\ \text{S.} \end{matrix}$ of **S** Line and **405** ft. $\begin{matrix} \text{E.} \\ \text{W.} \end{matrix}$ of **W** Line of **Section 27** Elevation **5607'**
(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 _____ ORIGINAL SIGNED BY _____

Date **July 15, 1959** Title **ENGINEER** N. B. GOVE

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

Commenced drilling June 12, 1959 Finished drilling June 16, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1462 to 1494 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 _____ 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	76'	80 sx w/2% Ca Cl	Pump	-	Cement circulated
5-1/2	1528'	100 sx w/2% Gel & 1/4% Floseal	Pump	9.1# Gal	-

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material..... Size

FRACTURING ~~FLUID LOSS~~ RECORD

Size	Shell used	Material used	Quantity	Date	Depth shot	Depth cleaned out
		Crude oil	1070 bbls.	6/19/59	Perf.	-
		10-20 Sand	100,000#	6/19/59	Perf.	-
		Rubber balls	200	6/19/59	Perf.	-

TOOLS USED

Rotary tools were used from Surface feet to 1537 feet, and from _____ feet to _____ feet.

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

DATES

-----, 19----- Put to producing **June 30,**-----, 19**59.**

The production for the first 24 hours was 106 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 41

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

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1537	1537	Shale and Sand
			<u>FORMATION TOPS</u>
			Gallup 1429'
			Gallup (Upper Sand) 1462'



RECEIVED
JAN 10 1964

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 balling.

HISTORY OF OIL OR GAS WELL

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