

U. S. LAND OFFICE **Navajo Tribal Con.**
SERIAL NUMBER **14-20-603-4909**

LEASE OR PERMIT TO PROSPECT
 Allottee: Ush Kae L Nah #C30823

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1560, Farmington, New Mexico
 Lessor or Tract Navajo Allotted Field Horseshoe Gallup State New Mexico
 Well No. 2 Sec. 2 T. 30N R. 16W Meridian NMPM County San Juan
 Location 1980 ft. [N.] of S Line and 660 ft. [E.] of W Line of Section 2 Elevation 5649'
 (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.

So far as can be determined from an available record:
 Signed ORIGINAL SIGNED BY: VAN E. DYKES
 Date May 2, 1961 Title Petroleum Engineer

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

Commenced drilling March 9, 1961 Finished drilling March 14, 1961

OIL OR GAS SANDS OR ZONES

No. 1, from 1551 to 1554 No. 4, from 1554 to 1557
No. 2, from 1554 to 1557 No. 5, from 1557 to 1560
No. 3, from 1557 to 1560 No. 6, from 1560 to 1563

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
9-5/8"	104'	100	Pump-Plug		
5-1/2"	1594'	100	Pump-Plug		

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
		See "Well History"				

TOOLS USED

Rotary tools were used from 0 feet to 1655' feet, and from _____ feet to _____ feet

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

DATES

-----**March 18**-----, 19**61**----- Put to producing -----**April 21**-----, 19**61**-----

The production for the first 24 hours was 30 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, $^{\circ}\text{Bé}$. 40.6 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

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	285	285	Point Lookout: Gy., v/fn. silty ss w/frequent shale breaks.
285	1330	1045	Mancos: Gy. carb. shale.
1330	1520	190	Upper Gallup: Shale, gy. -blk. calc. w/aragonite inclusion.
1520	1550	30	Lower Gallup: Lt. gy. to brn. calc. carb. micaceous glauconitic. V/fn. to med. gr. ss. with irreg. interbedded shale.
1550	1595	45	Upper Sand.
1595	1654	59	Lower Mancos. Gy. carb. shale.
TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.			

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