Form 9-330

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE Navajo Tribal Con.
SERIAL NUMBER 14-20-603-4909
LEASE OR PERMIT TO PROSPECT
Allottee: Ush Kee L Nah #C30823

RECEIVED MAY 18 1961 OIL CON. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X

LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

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. 3 Sec. 2 T. 30N R. 16W Meridian NMPM County San Juan

Location 2055 ft. {N. / S.} of S Line and 2115 ft. {E. / W.} of W Line of Section 2 Elevation 5600'
(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: VAN E. DYKES

Date May 15, 1961 Title Petroleum Engineer

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

Commenced drilling March 15, 1961 Finished drilling March 24, 1961

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 1568' to 1596' 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

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"	28.00#	8 Rd.	J-55	85'	Texas Pattern				Surface
5-1/2"	15.50#	8 Rd.	J-55	1646'	Texas Pattern		1568'	1596'	Production
							1300'	4 holes squeezed	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	94'	100	Pump-Plug		
5-1/2"	1651'	100	Pump-Plug		

FOLD MARK

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 1651' feet, and from feet to feet

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

DATES

March 24, 1961 Put to producing May 5, 1961

The production for the first 24 hours was 24 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé ~~XXX~~ 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
0	280	280	Point Lookout: Gy., v/fn. silty ss. w/frequent shale breaks.
280	1326	1046	Mancos: Gy. carb. shale.
1326	1520	194	Upper Gallup: Sh., gy.-blk. calc. w/aragonite inclusion.
1520	1553	33'	Lower Gallup: Lt. gy. to brn. calc. carb. micaceous glauconitic. V/fn. to med. gr. ss. w/irreg. inbd. shale.
1553	1595	42	Upper Sand.
1595	1645	50	Lower Mancos: Gy. carb. shale.

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

(OVER)