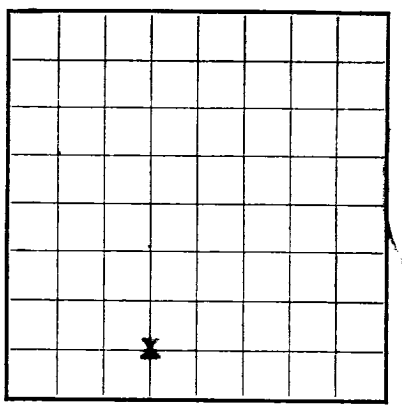
Form 9-330

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

U. S. Land Office Navajo-Ute Trib.
Serial Number 14-20-604-1951
Lease or Permit to Prospect



LOCATE WELL CORRECTLY

RECEIVED
DEC 10 1959
COM.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address Box 1565, Farmington, New Mexico

Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico

Well No. 24 Sec. 27 T. 31N R. 16W Meridian NMPM County San Juan

Location 660' ft. {N.} of S Line and 1980 ft. {E.} of W Line of Section 27 Elevation 5501'
(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: WILLIAM K. GLAZENER

Date December 1, 1959 Title Petroleum Engineer

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

Commenced drilling October 10, 1959 Finished drilling October 14, 1959

OIL OR GAS SANDS OR ZONES

(*Denote gas by G*)

No. 1, from 1380' to 1412' 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"	32.00	8 Rd.	New	112.66	Conventional				Surface
5-1/2"	15.50	8 Rd.	New	1571	Conventional		1380	1412	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	120	125	Circulated		
5-1/2"	1578	100	Single Stage		

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 Remarks				

TOOLS USED

Rotary tools were used from 0 feet to 1584 feet, and from ____ feet to ____ feet

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

DATES

October 24, 1959 Put to producing November 17, 1959

The production for the first 24 hours was 54.80 barrels of fluid of which 100 % was oil; ____ % emulsion; ____ % water; and ____ % sediment. Gravity, °Bé 40.8° 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	1162	1162	Mancos Form. Gy. carb. shale.
1162	1350	188	Upper Gallup Form. Shale, gy.-blk., calc. w/aragonite inclusion.
1350	1533	183	Lower Gallup Form. Lt. gy. to brn. calc. carb. micaceous glauconitic. Very fn. to med. gr. ss. w/irreg. interbedded shale.
1533	1584	51	Sanastee Form. Dk. gy. calc. v/fn. to fn. gy. ss. w/calc. veins, w/irreg. inbd. dk. gy. sand.
			TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

[OVER]

FOLD | MARK

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION

16—43094-2 U. S. GOVERNMENT PRINTING OFFICE

HISTORY OF OIL OR GAS WELL

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 bailing.

SANDOIL FRACTURE

10-24-59 **SOF perfs. 1380' - 1412' with 42,134 gals. oil and 75,000# (10-20) sand, flush 1500 gals. oil, IR: 48.0 bbls./min., MTP--1300 psi.; BDP--2300 psi.; ATP--1100 psi. Injected 32 rubber balls halfway through frac, 200 psi. increase.**