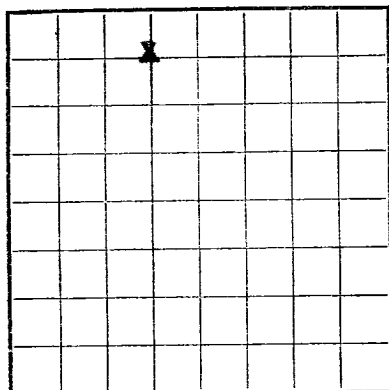




U. S. LAND OFFICE **Navajo Tribal**
SERIAL NUMBER **14-26-001-215a**
LEASE OR PERMIT TO PROSPECT

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 Ojo Amarillo Field Untersig. Gallup State New Mexico
Well No. 2 Sec. 27 T. 29N R. 14W Meridian NMPM County San Juan
Location 660 ft. SW of N Line and 1980 ft. E of W Line of Section 27 Elevation 5675'
(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.

Date August 1, 1940 Signed [Signature] Title Petroleum Engineer

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

Commenced drilling May 15, 1960 Finished drilling June 4, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5238 to 5246 No. 4, from 5246 to 5254

No. 2, from 5254 to 5262 No. 5, from 5262 to 5270

No. 3, from 5270 to 5278 No. 6, from 5278 to 5286

RECEIVED

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

U.S. COM. DIST. 3

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

[illegible]

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 _____ feet to 5377 feet, and from _____ feet to _____ feet

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

DATES

----- **June 12** -----, 19. **60** Put to producing ----- **June 19** -----, 19. **60**

The production for the first 24 hours was 231 barrels of fluid of which 100% was oil; -----% emulsion; -----% water; and -----% sediment. Gravity, °Bé. 9 API 42.2

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	200	200	Kirtland Form: Gy. sh. inbd. w/tight FG ss.
200	1125	925	Fruitland Form: Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
1125	1294	169	Pictured Cliffs Form: Gy., FG, tight, varicolored soft ss.
1294	2090	796	Lewis Form. Gy. to white ds. sh. w/silty to shaley ss. breaks.
2090	3622	1532	Mesa Verde Form: Gy., FG, ds. silty ss., carb. shale and coal.
3622	3957	335	Point Lookout: Gy., v/fn. silty ss. w/freq. shale breaks.
3957	4922	965	Mancos Form: Gy. carb. shale.
4922	5200	278	Gallup Form: Lt. gy. to brn. calc. carb. micac. glauconitic. Very fn. to med. gr. ss. w/irreg. inbd. shale.
5200	5285	85	Huerfano: Fine to medium grained ss.
5285	5377	92	Tecito Form: Fa. to MG sub angular to sub round cir. quartz sand glauconite lt. gn. to tan.

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

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NEW GAD 20 10 11 12 13

Fractured with 49,350 gals. of oil and 50,000# of sand.
Breakdown pressure 1500 psi. Average treating pressure
3000 psi. Maximum treating pressure 2100 psi. Injection
Rate: 20.0 BHP. Dropped 32 balls one time with 40 psi
increase. Flashed with 5250 gals. of oil

Oil or grease should be removed from the surface of the metal before painting.

RECEIVED
JAN 10 1962
MOD MOD-110
E-1210

~~Capable of Producing: June 12, 1960.~~

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	FORMATION
			1. CLAY - 0 to 10 feet 2. SAND - 10 to 20 feet 3. GRAVEL - 20 to 30 feet 4. COBBLES - 30 to 40 feet 5. CONCRETE - 40 to 50 feet 6. BRICK - 50 to 60 feet 7. STONE - 60 to 70 feet 8. CEMENT - 70 to 80 feet 9. ASPHALT - 80 to 90 feet 10. PAVEMENT - 90 to 100 feet