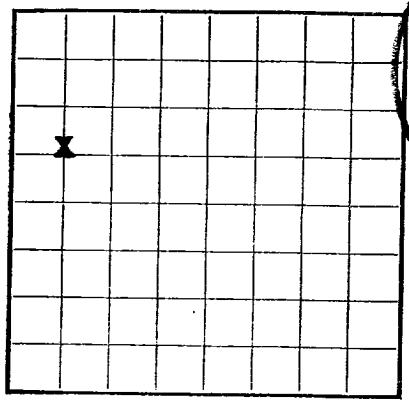
Form 9-330

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

U. S. LAND OFFICE SF
SERIAL NUMBER 078877
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

RECEIVED JUN 20 1963 OIL CON. COM. DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Products Co. Address P. O. Box 1560, Farmington, New Mexico
Lessor or Tract Canyon Largo Unit Field Devils Fork Gallup State New Mexico
Well No. 127 Sec. 8 T. 24N R. 6W Meridian NMPM County Rio Arriba
Location 1750 ft. {S.} of N Line and 890 ft. {E.} of W Line of Section 8 Elevation 6757'
(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 JOHN J. STROJEK
Date June 17, 1963 Title Petroleum Engineer

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

Commenced drilling May 8, 1963 Finished drilling May 16, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5790' to 5806' 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"	24.00#	8 rd.	J-55	156'	Tex. Pattern				Surf. Csg.
4-1/2"	10.50#	8 rd.	J-55	5839'	Tex. Pattern		5790'	5806'	Prod. Csg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	169'	150	Circulated		
4-1/2"	5850'	150 - 1st Stage 100 - 2nd Stage	Pump and 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 5851 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

May 24, 1963 Put to producing June 9, 1963

The production for the first 24 hours was 85 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment.

Gravity, °Bé. XXX 39.8° 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	1730	1730	Wasatch: Tan to gray coarse grained sandstone interbedded with gray shale.
1730	1918	188	Ojo Alamo: White, coarse grained sand.
1918	2065	147	Kirtland: Gy. sh. inbd. with tight fy. FG ss.
2065	2340	275	Fruitland: Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
2340	2393	53	Pictured Cliffs: Gy., FG, tight, varicolored soft ss.
2393	3813	420	Lewis: Gy. to white ds. sh. w/silty to shaly ss. breaks.
3813	3893	80	Cliff House: Gy., FG. ds. silty ss.
3893	4530	637	Menefee: Gy., FG sd., carb. sh. & coal.
4530	4752	222	Point Lookout: Gy., v/fn. silty ss with frequent shale breaks.
4752	5591	839	Mancos: Gy. carb. shale.
5591	5851	260	Lower Gallup: Lt. gy. to brn. calc. carb. mic. glauconitic. Very fn. to med. gr. ss. with irregular inbd. shale.

TOPS ARE FROM ELECTRIC LOGS AND RADIOACTIVITY LOGS.

FOLD | MARK

[OVER]

16—43094-4

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.

5-16-63 Core No. 1 from 5781'-5809' Cut 28', Recovered 17' sand and 11' shale.

5-23-63 Sandoil fractured Gallup perforated interval 5790'-5806' with 66,402 gals. lease crude and 72,000# sand with 0.05#/Gal. Adomite Mark II. Flushed with 4200 gals. lease crude. Injection Rate: 25.5 BPM. Breakdown pressure 3400 psi; Maximum treating pressure 3100 psi; Average treating pressure 2950 psi. Spotted 250 gals. of 15% BDA ahead of frack job.

6-11-63 Initial Potential: Flowing 35 BOPD, 126 MCF/D; GOR 1402:1, FTP 160, FCP 410, 15/64" Choke.