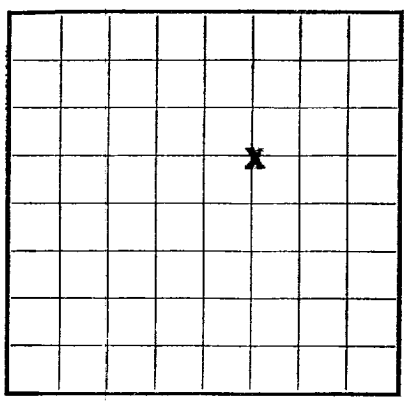
Form 9-330

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
JUL 19 1963
OIL CON. COM.
DIST.

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 Large Unit Field Devils Fork Gallup State New Mexico
Well No. 129 Sec. 8 T. 24N R. 6W Meridian NMPM County Rio Arriba
Location 1750 ft. {N.} of N Line and 1750 ft. {W.} of E Line of Section 8 Elevation 6713'
(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 EWELL N. WALSH

Date July 17, 1963 Title Division Petroleum Engineer

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

Commenced drilling June 8, 19 63 Finished drilling June 18, 19 63

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

No. 1, from 5769' to 5787' 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	160'	Texas Pattern				Surf. Csg.
4-1/2"	10.50#	8 rd.	J-55	5821'	Texas Pattern		5769	5787	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"	173'	150	Circulated		
4-1/2"	5832'	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 5833 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

June 26, 19 63 Put to producing July 6, 19 63
The production for the first 24 hours was 118 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. xxxx 39.4° 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	1694	1694	Wasatch Fm.: Interbedded sandstone & mic. shale.
1694	1857	163	Ojo Alamo ss: White, coarse grained sand.
1857	2035	178	Kirtland Fm.: Gy. sh. inbd. with tight gy. FG ss.
2035	2326	291	Fruitland Fm: Gy. carb. sh., scat. coals, coals & gy. tight FG ss.
2326	2354	28	Pictured Cliffs: Gy., FG, tight, varicolored soft ss.
2354	3805	1451	Lewis Sh.: Gy. to white ds. sh. w/silty to shaly ss. breaks.
3805	3880	75	Cliff House ss: Gy., FG, ds. silty ss.
3880	4504	624	Menefee Fm.: Gy., FG sd., carb. sh. & coal.
4504	4730	226	Point Lookout ss.: Gy., v/fn. silty ss with frequent shale breaks.
4730	5565	835	Mancos Sh.: Gy. carb. shale.
5565	5833	268	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—48094-4

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.

6-17-63	**Core No. 1 from 5740'-5790'. Cut 50'. Recovered 34' Shale and 16' Sand.**
6-25-63	**Sandoil fractured Gallup perforated interval 5769'-5787' with 60,354 gals. lease crude and 70,000# sand with 0.65#/Gal. Adomite Mark II. Flushed with 4200 gals. lease crude. Injection Rate: 22.2 BPM. Breakdown pressure 3800 psi; Maximum treating pressure 3900 psi; Average treating pressure 3400 psi. Spotted 250 gals. of 15% Spearhead Acid ahead of frack job.**
7-11-63	**Initial Potential: Flowing 118 BOPD, 145 MCF/D, GOR: 1226:1, FTP 190, FCP 490, 18/64" Choke.**

RECEIVED
JUL 18 1963