

U. S. LAND OFFICE **Santa Fe**  
SERIAL NUMBER **078500**  
LEASE OR PERMIT TO PROSPECT **14-08-001-459**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**LOG OF OIL OR GAS WELL**

LOCATE WELL CORRECTLY

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**  
Lessor or Tract **San Juan 26-7 Unit** Field **Blanco** State **New Mexico**  
Well No. **57** Sec. **30** T. **28N** R. **7W** Meridian **NM** County **Rio Arriba**  
Location **1840** ft. [S.] of [ ] Line and **1460** ft. [W.] of [ ] Line of **Section 30** Elevation **5972'**  
(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 *[Signature]*

Date **June 22, 1956** Title **Petroleum Engineer**

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

Commenced drilling **5-9-56**, 19... Finished drilling **5-19-56**, 19...

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

No. 1, from **2505** to **2577 (G)** No. 4, from **4694** to **4832(G)**  
No. 2, from **4177** to **4277 (G)** No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from **4277** to **4694 (G)** 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	Thread pitch	Length	Amount	Kind of shoe	Prepared	Purpose
10 3/4"	22.75	2.0	176'	125	Circulated		Surface
7 5/8"	17.5	2.0	2683'	250	Single Stage		Intermediate
5 1/2"	12.5	2.0	4895'	150	Single Stage		Production

**MUDDING AND CEMENTING RECORD**

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	176'	125	Circulated		
7 5/8"	2683'	250	Single Stage		
5 1/2"	4895'	150	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 Well History.						

**TOOLS USED**

Rotary tools were used from **0** feet to **2683** feet, and from **2683** feet to **4895** feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

**DATES**

**5-25-56**, 19... Put to producing \_\_\_\_\_, 19...

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

If gas well, cu. ft. per 24 hours **8,120,000** Gravity: **°Bé**  
**A.C.F. Ch. Volume - 4950 MCF/D.** Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. **1099**

**EMPLOYEES**

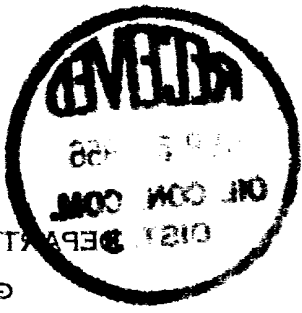
\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

**FORMATION RECORD**

FROM-	TO-	TOTAL FEET	FORMATION
0	1618	1618	Tan to gry cr-grn ss interbedded w/gry sh.
1618	1745	127	Ojo Alamo ss. White cr-grn s.
1745	2263	518	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2263	2505	242	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2505	2577	72	Pictured Cliff form. Gry, fine-grn, tight, varicolored soft ss.
2577	4177	1600	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4177	4277	100	Cliff House ss. Gry, fine-grn, dense sil ss.
4277	4694	417	Mansfee form. Gry, fine-grn s, carb sh & coal.
4694	4832	138	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4832	4895	63	Mances formation. Gry carb sh.

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Grid for well location: 10x10 grid with 'WELL LOCATION' label.

LOG OF OIL OR GAS WELL

Location of well, name of landowner, and other details. The information on here-with 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 of completion of well, and name of contractor. The information on this page is for the condition of the well as above dated.

Table with 2 columns: 'OIL OR GAS SANDS OR ZONES' and 'Description'. Includes entries for No. 4, No. 5, and No. 6 sands.

Water fractured point location (thru part.) 4250-4260, 4260-4265, 4265-4270, 4270-4275, 4275-4280, 4280-4285, 4285-4290, 4290-4295, 4295-4300. Temp. R.P. 4320. Water fractured cliff house (thru part.) rate 46.5 B.M. Flush none. Average treating pressure 3300, average treating pressure 2300, Injection.

HISTORY OF OIL OR GAS WELL

Main table with columns: FROM, TO, TOTAL FEET, FORMATION. Includes sections for TOOLS USED, DATES, EMPLOYEES, and FORMATION RECORDED.