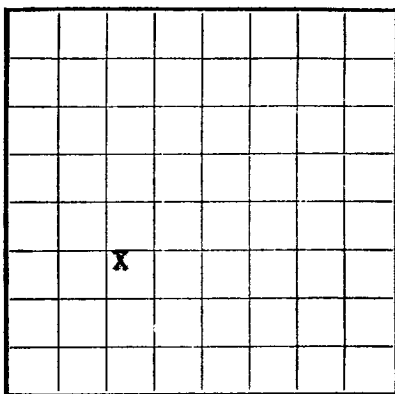




LOCATE WELL CORRECTLY



U. S. LAND OFFICE **New Mexico**
SERIAL NUMBER **01594**
LEASE OR PERMIT TO PROSPECT

UNITED STATES **RECEIVED**
DEPARTMENT OF THE INTERIOR **1955**
GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 997, Farmington, New Mexico**
Lessor or Tract **San Juan 32-9 Unit** Field **Blanco** State **New Mexico**
Well No. **31** Sec. **13** T. **31N** R. **10W** Meridian **NMPM** County **San Juan**
Location **1749** ft. **N.** of **8** Line and **1649** ft. **E.** of **W** Line of **Section 13** Elevation **6551'**
(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 **D. L. [Signature]**
Date **May 12, 1955** Title **Petroleum Engineer**

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

Commenced drilling **March 25**, 19**55** Finished drilling **April 24**, 19**55**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **3345** to **3435 (G)** No. 4, from **5607** to **5755 (G)**
No. 2, from **5165** to **5243 (G)** No. 5, from **5243** to **5607**
No. 3, from **5243** to **5607 (G)** No. 6, from **5607** to **5755**

IMPORTANT WATER SANDS

No. 1, from **5243** to **5607** No. 3, from **5607** to **5755**
No. 2, from **5607** to **5755** No. 4, from **5755** to **5797 T.D.**

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Length	Kind of shoe	Cased and pulled from	Perforated		Purpose
							From	To	
9 5/8"	25.4	P.E.	S.W.	155'	Hoveco				Surface
7"	23	8 RD	J-55	5755'	Point Lookout				Producing
2"	4.7	8 RD	J-55	5797'	Point Lookout				Producing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	165	125	Circulated		
	5050	500	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

Gas Drilled

Rotary tools were used from **0** feet to **5050** feet, and from **5050** feet to **5797** feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

April 27, 19**55** Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours **6,979,000** Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. **998**

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1627	1627	Tan cr-grn ss w/thin sh breaks.
1627	2195	568	Variegated sh w/thin ss breaks.
2195	2560	365	Tan to gry cr-grn ss interbedded w/gry sh.
2560	2680	120	Ojo Alamo ss. White cr-grn s.
2680	2900	220	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2900	3345	445	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3345	3435	90	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3435	5165	1730	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
5165	5243	78	Cliff House ss. Gry, fine-grn, dense silt ss.
5243	5607	364	Manefee form. Gry, fine-grn s, carb sh & coal.
5607	5755	148	Point Lookout form. Gry, very fine silt ss w/frequent sh breaks.
5755	5797 T.D.	42	Mancos formation. Gry carb sh.