

[illegible]

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078060**
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 Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Buerfano Unit Field Ballard P.C. Ext. State New Mexico
 Well No. 51 Sec. 21 T. 26N R. 9W Meridian BM County San Juan
 Location 990 ft. 100 of N Line and 1800 ft. E of W Line of Section 21 Elevation 6401

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 December 4, 1956 Title Petroleum Engineer

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

Commenced drilling 10-24-56 19____ Finished drilling 10-27-56 19____

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

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No. 1, from ----- 2002 ----- to ----- 2120 (G) -----	No. 4, from ----- to -----
No. 2, from ----- to -----	No. 5, from -----
No. 3, from ----- to -----	No. 6, from -----



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		Purpose
							From—	To—	
8 5/8"	26.50	8 RD	J-55	131'	Howco				Surface
5 1/2"	15.5	8 RD	J-55	210'	Howco				Producing
1 1/4"	3.1	8 RD	J-55	210'	Howco				Producing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
5 5/8"	143'	100	Circulated		
5 1/2"	2140'	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 2120 feet, and from _____ feet to _____ feet.

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

DATES

11-7-56, 19 _____ Put to producing _____, 19 _____

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

If gas well, cu. ft. per 24 hours 241,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 595

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	995	995	Tan to gry cr-grn ss interbedded w/gry sh.
995	1261	266	Ojo Alamo ss. White cr-grn ss.
1261	1699	438	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1699	2002	303	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2002	2120	118	Pictured Cliff form. Gry, fine-grn, tight, varicolored soft ss.

