

[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079319
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 Schwerdtfeger Field Blanco & So. Blanco Est. State New Mexico
Well No. 10-A(FM) Sec. 31 T.28N R. 8W Meridian N.M.P.M. County San Juan
Location 1180 ft. (N.) of 8 Line and 475 ft. (E.) of W Line of Section 31 Elevation 5928'

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.

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Signed Original Signed D. C. Johnston

Date October 23, 1957 Title Petroleum Engineer

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

Commenced drilling 6-10, 19 57 Finished drilling 9-8, 19 57

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

No. 1, from 2114 to 2215 (G) No. 4, from 4450 to 4555 (G)
No. 2, from 3771 to 3806 (G) No. 5, from _____ to _____
No. 3, from 3808 to 4450 (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	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
10 3/4"	32.75	P. E.	S. W.	162'	Howco				Surface
7 5/8"	26.4	8 Rd.	J-55	2287'	Baker				Prod. Casing
5 1/2"	15.9	8 Rd.	J-55	2387'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	2116'	Grade "B"				Prod. Tubing
1 1/4"	2.3	8 Rd.	Grade "B"	2116'					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	200	Circulated		
7 5/8"	2300'	250	Single Stage		
5 1/2"	2238-4605	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Baker "EGJ" Packer at 2327'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
			See Well History			

TOOLS USED

Rotary tools were used from 175 feet to 2300 feet, and from 2300 feet to 4606 feet.

Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet.

DATES

-----9-14-----, 1957----- 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 P. C. 3,909,000 Gallons gasoline per 1,000 cu. ft. of gas 7.78

Rock pressure, lbs. per sq. in. ---1069 (MV)---

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1110	1110	Tan to gry cr-grn ss interbedded w/gry sh.
1110	1247	137	Ojo Alamo ss. White cr-grn s.
1247	1893	646	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
1893	2114	221	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2114	2215	101	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2215	3771	1556	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3771	3808	37	Cliff House ss. Gry, fine-grn, dense sil ss.
3808	4450	642	Menefee form. Gry, fine-grn ss, carb sh & coal.
4450	4555	105	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
4555	4606	51	Mancos formation. Gry carb sh.

