

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078134**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
MAR 7 1958
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico

Lessor or Tract Artec Field Blanco State New Mexico

Well No. 1-A Sec. 22 T. 31N R. 11W Meridian N.M.P.M. County San Juan

Location 990 ft. N of 8 Line and 890 ft. E of W Line of Sec. 22 Elevation 5851
(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.

Original Signed D. C. Johnston

Signed _____

Date **February 20, 1958** Title **Petroleum Engineer**

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

Commenced drilling 1-3, 1958 Finished drilling 1-28, 1958

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

(Denote gas by G)

No. 1, from 2458	to 2586 (G)	No. 4, from 4689	to 4887 (G)
No. 2, from 4047	to 4280 (G)	No. 5, from	to
No. 3, from 4280	to 4689 (G)	No. 6, from	to

RECEIVED
OIL MAR

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, 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 RA.	J-55	4564'	Howco				Intermediate
5 1/2"	15.5	8 RA.	J-55	378	Howco				Prod. Liner
2"	4.7	8 RA.	J-55	4849'					Prod. Tubing

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	10 3/4"	174'	150	Circulated		
	7 5/8"	4575'	250	Single Stage		
	5 1/2"	4526-4904'	110	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

TOOLS USED

Rotary tools were used from	175	feet to	4576	feet, and from	4576	feet to	4909	feet
Cable tools were used from	0	feet to	175	feet, and from		feet to		feet

DATES

-----**2-3**-----, 19**58**

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 **2,731,000**----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- **969** ----- **A.O.F. = 6552 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Undev.	2109	2109	Tan to gry cr-grn ss interbedded w/gry sh. Ojo Alamo ss. White cr-grn s.
2109	2458	349	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2458	2586	128	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2586	4047	1461	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
4047	4280	233	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4280	4689	409	Cliff House ss. Gry, fine-grn, dense sil ss.
4689	4887	198	Menafee form. Gry, fine-grn s, carb sh & coal.
4887	4909	22	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
			Mancoes formation. Gry carb sh.

A circular stamp with the word "RECEIVED" in a large, bold, sans-serif font. Below it, in a smaller font, is the phrase "OUR COURTESY". The stamp is slightly tilted and has a distressed, ink-like appearance.

1-31-58

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

FORMATION

TOTAL FEET

-01

—WOM—