

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 080375-A
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 957, Farmington, New Mexico
 Lessor or Tract Sheets Field Ballard State New Mexico
 Well No. 4-A Sec. 12 T. 25N R. 3W Meridian NMPM County San Juan
 Location 1950 ft. 900 of N. Line and 990 ft. E. W. of W Line of Sec. 12 Elevation 7252'
 (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.

Date August 10, 1956 Title Petroleum Engineer

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

Commenced drilling 7-5-56, 1956 Finished drilling 7-17-56, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2910 to 3005 (a) No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
4 5/8	132'	125	Circulated		
5 1/2	3035'	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 -----135----- feet to -----3035----- feet, and from ----- feet to ----- feet

Cable tools were used from -----0----- feet to -----135----- feet, and from ----- feet to ----- feet

DATES

1-6-16, 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 99,000 A.C.F.G. Gasoline per 1,000 cu. ft. of gas 6.93 MCF/D

Rock pressure, lbs. per sq. in. -----521-----

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2118	2118	Tan to gry cr-grn ss interbedded w/gry sh.
2118	2340	222	Ojo Alamo ss. White cr-grn s.
2340	2625	285	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2625	2916	293	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2916	3005	87	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3005	3035	30	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

U.S. LAND OFFICE
SPECIAL AGENT
IN CHARGE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT



1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

REF ID: A66585

ECMAS SETAN' 27/11/2019/10

• 100% average pressure

[illegible]

Placed with 24,500 gal. water &

7-30-56 Pat B.P. © 29521. Perf. 2912-27. Printed in U.S.A.

1-20-56 C.O. to 3935. Perf. 2950-79, 2984-94. Faced with 55.00 gallons
water & 50,000 sand. Flushed with 4000 gal. ons. I.H. of 20 lbs./min. max.
E.H.P. 3450', average pressure 1625' CAN NO RECORD

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sideracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

10-43094-2 U. S. GOVERNMENT PRINTING OFFICE

	TO	TOTAL FEET	FROM INFORMATION
SHOOTING RECORD			
FILMS AND ADAPTORS			
EQUIPMENT USED			
ADDITIONAL NOTES			