

New Mexico

U. S. LAND OFFICE -----
SERIAL NUMBER 03380

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 Florance Field Blanco Ext. & So. Blanco P.C. State New Mexico
 Well No. 11-D(PM) Sec. 18 T. 27N R. 8W Meridian N.M.P.M. County San Juan
 Location 1460 ft. XXXX of N Line and 1700 ft. XXXX of E Line of Section 18 Elevation 6782'

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.

records. Original Signed R. G. MILLER
Signed _____

Date April 25, 1958 Title Petroleum Engineer

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

Commenced drilling 1-26 19 58 Finished drilling 2-17 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2824</u> to <u>2915 (G)</u> No. 2, from <u>4410</u> to <u>4523 (G)</u> No. 3, from <u>4523</u> to <u>5105 (G)</u>	No. 4, from <u>5105</u> to <u>5293 (G)</u> No. 5, from _____ to _____ No. 6, from _____ to _____
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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. C.	S. W.	161'	Howco				Surface
7 5/8	26.4	8 Rd.	J-55	4900'	Baker				Prod. Csg.
9 1/2	13.5	8 Rd.	J-55	462'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5294'					Prod. Tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	2868					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	173'	150	Circulated		
7 5/8"	4910'	250	Two Stages (1st stage 150 sks, 2nd stage 100 sacks)		
5 1/2"	4849-5311	100	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Baker "EJ" Packer @ 4874'**

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 175 feet to 4912 feet, and from 4912 feet to 5312 feet
Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet.

DATES

-----2-27-----, 1958----- 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. 6,351,000**
M.V. 4,073,000 Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. -----1074----- A.O.F. = P. C. 2704
M. V. 6000 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1968	1968	Tan to gry cr-grn ss interbedded w/gry sh.
1968	2005	37	Ojo Alamo ss. White cr-grn s.
2005	2663	658	Kirtland form. Gry sh interbedded w/tight gry fine gry ss.
2663	2824	161	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2824	2915	91	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2915	4410	1495	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4410	4523	113	Cliff House ss. Gry, fine-grn, dense sil ss
4523	5105	582	Menefee form. Gry, fine-grn s, carb sh & coal
5105	5293	188	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5293	5312	19	Mancos formation. Grv carb sh.

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 "sidetracked" 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 pings or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

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FORMATION RECORD—Continued
