

U. S. LAND OFFICE New Mexico
SERIAL NUMBER 03380
LEASE OR PERMIT TO PROSPECT _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

RECEIVED
TERRITOR
JUN 23 1936
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract Floreance Field Blanco & So. Blanco State New Mexico
 Well No. 9-D(PM) Sec. 17 T. 27N R. 8W Meridian N.M.P.M. County San Juan
 Location 1090 ft. [N.] of S Line and 1090 ft. [E.] of W Line of Section 17 Elevation 6802
 (Drill)

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.

Signed _____ Original Signed D. C. Johnston

Date June 17, 1958 Title Petroleum Engineer

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

Commenced drilling 2-28- 1958 Finished drilling 4-5- 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>2880</u> to <u>2963</u> (G)	No. 4, from _____ to _____
No. 2, from <u>3213</u> to <u>5145</u> (G)	No. 5, from _____ to _____
No. 3, from <u>5145</u> to <u>5306</u> (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 From	Purpose
10 3/4"	32.75	P.E.	S.W.	161'	Howco			Surface
7 5/8"	26.40	8 Rd.	J-55	4916'	Baker			Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	494'	Baker			Prod. liner
2"	4.7	8 Rd.	J-55	5273'				Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	2909'				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"	4229'	350	Two stages (1st stage 200 sks; 2nd stage 150 sks.)		
5 1/2"	4859-5353'	200	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Baker "EGJ" Pcr. @ 4870'**

SHOOTING RECORD

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

TOOLS USED

TOOLS USED		Gas Drilled	
Rotary tools were used from	175 feet to 4932 feet,	and from	4932 feet to 5355 feet
Cable tools were used from	0 feet to 175 feet,	and from	feet to feet

DATES

4-13-1958 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. 2,638,000**
M.V. 3,606,000 Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. ----- **1076** **A.O.F. -- M.V. 2770** **MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1983	1983	Tan to gry cr-grn ss interbedded w/gry sh.
1983	2103	120	Ojo Alamo ss. White cr-grn s.
2103	2673	570	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2673	2880	207	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2880	2963	83	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2963	3413	450	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
3413	5145	1732	Mesa Verde form. Gry, fine-grn, dense sil ss, carb sh & coal.
5145	5306	161	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5306	5355	49	Mancos formation. Gry carb sh.

I.D. 4398. @ O.L.D. 5327. Processed P.C. part. Int. 5146-5154; 5166-5177 (2 str.) 5177-5186 (4 str.); 5190-5200; 5208-5208; 5236-5246; 5276-5286; 5298-5306 (2 str.) 5/03, 100 gal. water and 65,000# sand. HDP 1300#, max. pr. 3300#, avg. pr. 1400-1800-2500-3000-2600-1200#. I.R. 44.3 BEM. Flush 10,080 gal. water. Injected 8 sets balls (16 balls/set.) Set Baker Maximum BP @ 5110. Processed P.C. part. Int. 2882-2890; 2896-2904 (4 str.); 2910-2912 (2 str.) 4/52, 500 gal. water and 15,000# sand. HDP 1800#, max. pr. 3000#, avg. tr. pr. 1200-1600-1900-1300#. I.R. 52 BEM. Flush 8400 gal. water. Injected 4 sets balls (15 balls/set.)

It is to the greatest importance to have a complete history of the well. Please state in detail the dates of reformation, together with the reasons for the work and its results. If there were any changes made in the casing, size, depth, and in the casing, 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

U. S. GOVERNMENT PRINTING OFFICE

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FORMATION RECORD—Continued