

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078569
LEASE OR PERMIT TO PROSPECT _____

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco-So. Blanco P.G. State New Mexico
Well No. 96(PM) Sec. 8 T. 27N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1700 ft. Box of N Line and 1800 ft. Box of E Line of Section 8 Elevation 6748

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 **January 30, 1959** Signed _____ Title **Petroleum Engineer**

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

Commenced drilling December 13, 1958 Finished drilling December 25, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Don't give up!)

No. 1, from <u>3218</u>	to <u>3289 (G)</u>	No. 4, from <u>5477</u>	to <u>5544 (G)</u>
No. 2, from <u>4829</u>	to <u>4931 (G)</u>	No. 5, from _____	to _____
No. 3, from <u>4931</u>	to <u>5477 (G)</u>	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

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.	160'	Howco				Surface
7 5/8"	26.40	8 Rd.	J-55	3447'	Baker				Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	2316'	Baker				Prod. Liner
2"	4.7	8 Rd.	J-55	5602'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	3291'					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'	120	Circulated		
7 5/8"	3457'	150	Single Stage		
5 1/2"	3389-5705'	300	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Baker "EGJ" Packer at 3449'**

SHOOTING RECORD

[illegible]

TOOLS USED

Gas Drilled

Rotary tools were used from 0 feet to 3458 feet, and from 3458 feet to 5710 feet.

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

DATES

-----**January 3**-----, 19**59** 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. 5,889,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. P.V. 909 P.C. 7917
M.V. 1040 A.C.F. 2212 MEB/p

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	2412	2412	Tan to gry cr-grn ss interbedded w/gry sh.
2412	2510	98	Ojo Alamo ss. White cr-grn s.
2510	3016	506	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
3016	3218	202	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3218	3289	71	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3289	4829	1540	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4829	4931	102	Cliff House ss. Gry, fine-grn, dense sil ss.
4931	5477	546	Menefee form. Gry, fine-grn s, carb sh & coal.
5477	5634	157	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5634	5710	76	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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

12-30-58 Total Depth 5710'. C.O.T.D. 5689'.
 Fraced Point Lookout perf. int. 5489-5505; 5511-5533; 5549-5571;
 5591-5617; 5645-5659 (2 ST) w/73,500 gallons water & 70,000# sand.
 B.D.P. None, max. pr. 1800#, avg. tr. pr. 900-1000-1400-1800#. I.R.
 74 A.P.M. Flush 10,080 gallons water. Used 4 sets balls (25 balls/set).
 Set temp. bridge log at 3410'. Fraced Pictured Cliffs perf. int. 3237-
 3256; 3264-3278 (2 ST) w/40,740 gallons water & 35,000# sand.
 B.D.P. 2800#, max. pr. 2800#, avg. tr. pr. 1000-1300#. I.R. 67 B.P.M.
 Flush 7140 gallons water. Used 1 set of 25 balls.