

A 10x10 grid with an 'X' in the 3rd column and 3rd row from the bottom-left corner.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **079367**
LEASE OR PERMIT TO PROSPECT
14-08-001-950

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL.

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 27-5 Unit Field Blanco&So. Blanco State New Mexico
 Well No. 34 (FM) Sec. 30 T. 27N R. 5W Meridian N.M.P.M. P.C. Ext. Rio Arriba
 Location 1090 ft. [N] of S Line and 890 ft. [E] of W Line of Section 30 Elevation 6406'

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 July 21, 1958 Title Petroleum Engineer

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

Commenced drilling 5-2- 19 58 Finished drilling 5-25- 19 58

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3083 to 3151 (G) No. 4, from 5268 to 5300 (G)
No. 2, from 4750 to 4860 (G) No. 5, from _____ to _____
No. 3, from 4860 to 5268 (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		Purpose
							From—	To—	
10 3/4"	32.75	P.E.	S.W.	162'	Howco				Surface
7 5/8"	26.00	8 Rd.	J-55	2042'	Howco				Prod. esg.
5 1/2"	15.50	8 Rd.	J-55	2218'	Howco				Prod. liner
2"	4.7	8 Rd.	J-55	5354'	CUT OFF OVER HOLE				Prod. tbg.
1 3/4"	2.4	8 Rd.	Grade "A"	3139'					Slipson

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	174'	100	circulated		
7 5/8"	3252'	200	single stage		
5 1/2"	3221-5439'	300	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size **Gulberson Shorty Model Pcr. @ 3250'**

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from 175 feet to 3254 feet, and from 3254 feet to 5447 feet
Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

-----**6-7**-----, 19-**58** 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. 1,691,000**
M.V. 4,115,000 Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. **C.S.G. 970** **P.C. 1727**
1030 **A.O.F. ---** **M.V. 6343** **MCF/D**

_____, Driller

_____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2373	2373	Tan to gry cr-grn ss interbedded w/gry sh.
2373	2617	244	Ojo Alamo ss. White cr-grn s.
2617	2874	257	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2874	3083	209	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3083	3151	68	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3151	4750	1599	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4750	4860	110	Cliff House ss. Gry, fine-grn, dense sil ss.
4860	5268	408	Manatee form. Gry, fine-grn s, carb sh & coal.
5268	5388	120	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5388	5447	59	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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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.

5-28-58 C.O.T.D. 5393'. Perf. w/2 DJ/ft. int. 5252-70; 5278-90; 5296-5306
5314-24; 5350-64 water frac. 24,000 gal. water and 60,000# sand,
flush w/10,000 gal. water. I.R. 58.0 B.P.M. B.D.P. None, tr. pr. 1500-
1700-1900-2300#, max. pr. 3000#. 6 stages - 5 ball drops of 20 balls each.

5-28-58 B.P. @ 4950'. Perf. w/6 DJ/ft. int. 4780-88; 4820-27; water frac. C.H.
w/31,000 gal. water and 30,000# sand. Flush w/10,000 gal. water. I.R.
59.0 B.P.M. B.D.P. 2400#, tr. pr. 1700#, max. pr. 1800#. 2 stages--1 drop
of 20 balls.

5-29-58 B.P. @ 5400'. Perf. w/2 DJ/ft. int. 3096-3106; 3114-38; 3138-50. Water
frac. P.C. w/37,400 gal. water and 35,000# sand. Flush w/10,000 gal.
water. I.R. 77.0 B.P.M. B.D.P. 2000#, max. pr. 1900#, tr. pr. 1900 and
1900#. 4 stages--2 drops of 20 balls.

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SECRET
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SMITHSONIAN

A blank sheet of white paper with a light gray grid pattern. The grid consists of horizontal and vertical lines forming small squares across the entire page. There are no margins or other markings on the paper.