

A large rectangular area filled with a uniform grid of small squares, typical of graph paper. The grid consists of approximately 10 columns and 8 rows of squares. In the bottom-left corner, there is a small label consisting of the letter 'A' with a superscript 'x'.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078640
LEASE OR PERMIT TO PROSPECT _____

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 28-7 Unit Field Blanco & So. Blanco, C. State New Mexico
Well No. 32 (PM) Sec. 15 T. 27 N. R. 7 E. Meridian N.M.P.M. County Rio Arriba
Location 1100 ft. (N.) of E Line and 1190 ft. (E.) of W Line of Section 15 Elevation 6581
(2 feet for 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.

Signed Original Signed D. C. Johnston

Date June 16, 1953 Title Petroleum Engineer

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

Commenced drilling ----- 2-2-----, 19 53. Finished drilling ----- 3-21-----, 19 53.

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3137 to 3240 (G) No. 4, from 5400 to 5537 (G)
No. 2, from 4835 to 4855 (G) No. 5, from to
No. 3, from 4865 to 5403 (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"	26.40	8 Rd.	J-55	3344	Baker				Prod. csg.
5 1/2"	5.50	8 Rd.	J-55	2289	Baker				Prod. liner
2	4.7	8 Rd.	J-55	5420					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade A	3172					Siphon

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12 3/4	173'	150	circulated		
7 5/8	3354'	150	single stage		
5 1/2	3324-5613'	250	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material _____ Size _____ ~~Baker~~ **EG-J** **Plat. © 3395** _____

SHOOTING RECORD

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

TOOLS USED

TOOLS USED

Rotary tools were used from 175 feet to 3355 feet, and from Gas Drilled 3355 feet to 5614 feet.

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

DATES

-----~~3-30~~-----, 19~~53~~----- 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. 8,113,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. P.C. 1014 A.O.F. 1114 P.C. 13,013 2,526 MCE/D

N.Y. 1941 EMPLOYEES N.Y. 2,530

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2330	2330	Tanto gry cr-grn ss interbedded w/gry sh.
2330	2481	151	Ojo Alamo ss. White cr-grn s.
2481	2919	438	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2919	3137	218	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3137	3240	103	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3240	4835	1595	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4835	4865	30	Cliff House ss. Gry, fine-grn, dense sil ss.
4865	5408	543	Manefee form. Gry, fine-grn, s, carb sh & coal.
5408	5537	129	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5537	5614	77	Muncos formation. Gry carb sh.

FORMATION

TOTAL FEET

TO -

FROM -

HISTORY OF OIL OR GAS WELL

16 1-094-2 U.S. GOVERNMENT PRINTING OFFICE

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.

3-25-58 T.D. 5614. COTD 5563. Water traced P.L. perf. Int. 5348-5358; 5372-5382; 5406-5420; 5428-5438; 5450-5466; 5480-5496; 5504-5524 w/2 sh/ft. 5300#, avg. tr. pr. 1800#. I.R. 63 BPM. Flush 7000 gal. 3-26-58 B.P. set at 3800'. Water traced P.L. perf. Int. 5144-5154; 3160-3174 w/2 sh/ft. w/50,000 gal. water, 50,000# sand. B.P. 3300#, max. tr. pr. 1600#. I.R. 78 BPM. Dropped 7 sets of 20 balls. 5300#, avg. tr. pr. 2000#, max. tr. pr. 1600#.