

A 10x10 grid with a handwritten 'X' in the 3rd column and 4th row.

U. S. LAND OFFICE ----- **Santa Fe** -----
SERIAL NUMBER ----- **079729** -----
LEASE OR PERMIT TO PROSPECT -----
14-00-001-933

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 28-4 Unit ----- Field ----- Blanco ----- State ----- New Mexico -----
Well No. ----- 2 ----- Sec. ----- 17 T. ----- 28N R. ----- 4W Meridian ----- N. M. P. M. County ----- Rio Arriba -----
Location ----- 1750 ft. [N. of] of ----- 1760 [E. of] of ----- W Line of ----- Section 17 Elevation ----- 7123
Nebo Nebo (Derick foot 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 Wesley H. H. H. H.

Date October 9, 1953 Title Petroleum Engineer

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

Commenced drilling ----- July 9 -----, 19-53 Finished drilling ----- August 24 -----, 19-53

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4301 to 4388 (G) No. 4, from 6651 to 6805 (G)
No. 2, from 6177 to 6350 (G) No. 5, from _____ to _____
No. 3, from 6350 to 6651 (G) 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	
9-5/8	25.4	3 W.	Armed	161	Armed				Surface
2"	4.7	8 RD	Youngst.	6740					Prod. log

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	173'	125	Circulated		
7"	6107'	500	Sing. stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Quart	Regular	S.N.C.	1300	8-25-53	6201-6821	6821

TOOLS USED

Rotary tools were used from 0 feet to 6097 feet, and from 6097 feet to 6821 feet

Cable tools were used from 0 feet to 6097 feet, and from 6097 feet to 6821 feet

DATES

-----, 19-----
 August 31, 1953 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 ----- 872,000
 Rock pressure, lbs. per sq. in. ----- 500

Gallons gasoline per 1,000 cu. ft. of gas -----

EMPLOYEES

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

FORMATION RECORD

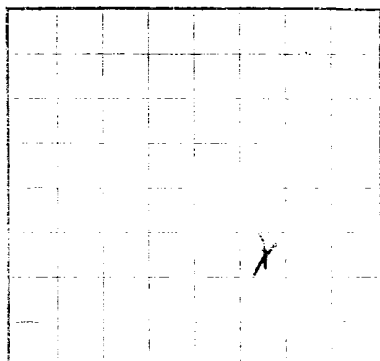
FROM—	TO—	TOTAL FEET	FORMATION
0	1000	1000	Tap to gry ss w/thin sh breaks.
1000	2062	1062	Vanlandingham sh w/thin ss breaks.
2062	3840	1778	Tap to gry cr-grn ss interbedded w/gry sh.
3840	3913	73	Ojo Alamo ss. White cr-grn s.
3913	4032	119	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss.
4032	4301	269	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss.
4301	4388	87	Painted Cliffs formation. Gry, fine-grn, tight, varicolored soft ss.
4388	6177	1789	Cliff House formation. Gry to white dense sh w/silty to silty ss breaks.
6177	6350	173	Cliff House ss. Gry, fine-grn, dense sil ss.
6350	6651	301	Menefee formation. Gry, fine-grn s, carb sh and coal.
6651	6805	154	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
6805	6821	16	Mancos formation. Gry carb sh.

		<u>Tops</u>	
Ojo Alamo	3840	Cliff House	6177
Kirtland	3913	Menefee	6350
Fruitland	4032	Pt. Lkout.	6651
Pict. Cli.	4301	Mancos	6805
Lewis	4388		

LOG OF OIL OR GAS WELL

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
UNITED STATES

14-08-000-4423
Please on Permit to Prospect
Serial Number
U.S. Land Office



Company _____
Address _____
Location of Well _____
Section _____ Township _____ Range _____
Location of _____ of _____ line and _____ of _____
The information given herewith is a complete and correct record of the well and all work done thereon
as far as can be determined from all available records.
Signed _____
Title _____
Date _____

The summary on this page is for the condition of the well at above date.
Commenced drilling _____
Finished drilling _____
Completed _____

OIL OR GAS SANDS OR ZONES

(Describe gas by G)

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

Casing	Weight per foot	Threads per inch	Stake	Amount	Kind of shoe	Cut and pulled from	Perforated
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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 balling.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

Water used	Number sacks of cement	Kind of mud	Mud gravity	Amount of mud used
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PLUGS AND ADAPTERS

Plugs used—Material _____
Depth set _____

SHOOTING RECORD

Size	Shot used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
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TOOLS USED

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

DATES

Put to producing _____
The production for the first 24 hours was _____ barrels of fluid of which _____ was oil;
emulsion; _____ water; and _____ sediment.
It gas well, on ft. for 24 hours _____
Back pressure has been _____

EMPLOYEES

Driller _____
Diller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			Point Lookout formation, Gty, very fine sh. as w/bedrock sh. breaks.
			Marble formation, Gty, fine-gr. & carb. sh. and Gty, fine-gr. ss.
			Chalk House ss. Gty, fine-gr. dense sh. ss. sh. as breaks.
			Unconsolidated soft ss.
			Pelee formation, Gty, fine-gr. sh. light.
			ss. and Gty, light fine-gr. ss.
			Pelee formation, Gty, carb. sh. scattered coals.
			Gty, fine-gr. ss.
			Kirtland formation, Gty, sh. interbedded w/ light.
			Ore Alamo ss. White cr. sh.
			Tan to gty cr. sh. & interbedded w/ gty sh.
			Wabash sh. w/ thin ss. breaks.
			Point Lookout formation, Gty, carb. sh. as breaks.