

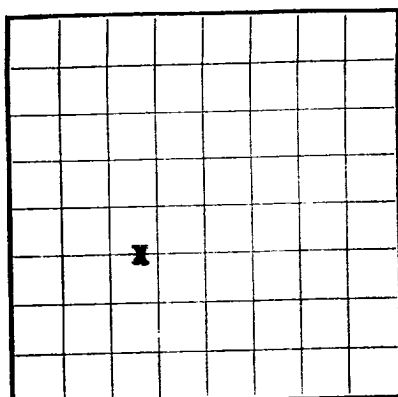
Santa Fe

U. S. LAND OFFICE

076507

SERIAL NUMBER

LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 32-9 Unit Field Blanco State New Mexico
Well No. 34 Sec. 35 T. 32N R. 10W Meridian NMPN County San Juan
Location 1550 ft. S of Line and 1450 ft. E of Line of Section 35 Elevation 6173'
(Derrick floor 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 D. P. Ellsworth
Date April 7, 1955 Title Petroleum Engineer

The summary on this page is for the condition of the well at above date.
Commenced drilling March 1, 1955 Finished drilling March 19, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)
No. 1, from 2978 to 3055 (G) No. 4, from 5270 to 5356 (G)
No. 2, from 4844 to 4915 (G) No. 5, from _____ to _____
No. 3, from 4915 to 5270 (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
9 5/8"	25.4	S.W.	Arco	161'	Howco			Surface
7"	23	8 RD	J-55	888'				Prod. Tbg.
2"	4.7	8 RD	Youngs					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	171'	125	Circulated		
7"	4800'	500	Single 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
		See Well History				

TOOLS USED

Rotary tools were used from 0 feet to 4800 feet, and from 4800 feet to 5420 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

March 21, 1955 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 7,337,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1057

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	555	555	Tan cr-grn ss w/thin sh breaks.
555	1505	950	Variegated sh w/thin ss breaks.
1505	1895	390	Tan to gry cr-grn ss interbedded w/gry sh.
1895	2010	115	Ojo Alamo ss. White cr-grn s.
2010	2548	538	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2548	2978	430	Fruitland Form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2978	3055	77	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3055	4844	1799	Lewis form. Gry to white dense sh w/silty to shaly ss breaks.
4844	4915	71	Cliff House ss. Gry, fine-grn, dense sil ss.
4915	5270	355	Mansfield form. Gry, fine-grn s, carb sh and coal.
5270	5356	86	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks.
5356	5409 T.D. 5420	53 64	Mancos formation. Gry carb sh.

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ISSUED OR PERMIT TO PROCEED

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GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

A blank sheet of graph paper with a grid pattern. The grid consists of 10 columns and 8 rows of squares. A small black mark is visible near the center-right of the page.

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.

Witness my hand and the seal of said office this 14th day of June 1914.

Notary Public for the State of Texas

Owner

Operator

Agent

State

County

Field

Address

Company

Completed drilling _____ 10 _____ Finished drilling _____
The summary on this page is for the condition of the well at above date.
Title _____

NO GAS SANDS OR ZONES

~~MARCH 20, 1955, sand-oil with retainer set at 4,750' interval - 1800', under
House, with 13,000 gallons diesel oil and 17,000' sand. Minimum pressure 1850 psi,
Maximum pressure 2300 psi, IN 8.7 BRIS./min. Measured Gage 57 HCF. Final 1500 gallons.
No. 2, from _____ to _____
Minimum pressure 2300 psi, IN 8.7 BRIS./min. Measured Gage 57 HCF. Final 1500 gallons.~~

~~MARCH 20, 1955, sand-oil point lookout with retainer set at 5130', interval at
5130' to 5420', with 12,300 gallons diesel oil, 15,500' sand. Maximum pressure 1500
psi, minimum pressure 1050 psi, IN 9 BRIS./min. WATER METER FINAL 1950 gallons. Gauge before~~

~~No. 6, from _____ to _____
No. 5, from _____ to _____
No. 4, from _____ to _____~~

(Derrick log pgs 1-3)

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of re-drilling, 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.

HISTORY OF OIL OR GAS WELL

[illegible]

MSAM 0105

FORMATION RECORD--Continued