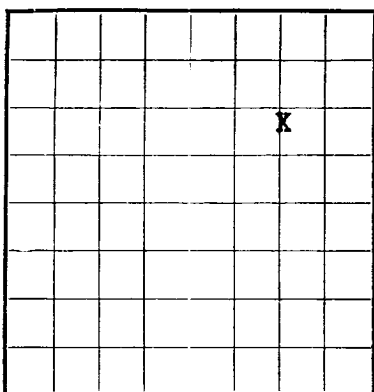




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

Santa Fe
U. S. LAND OFFICE
SERIAL NUMBER 078138-A
LEASE OR PERMIT TO PROSPECTRECEIVED
APR 14 1954
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Storey Field Blanco State New Mexico
Well No. 1-B Sec. 11 T. 30N R. 11W Meridian NMPM County San Juan
Location 1650 ft. N of N Line and 990 ft. E of E Line of Section 11 Elevation 5922'
(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 Will N. MuldahlDate April 13, 1954 Title Petroleum Engineer

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

Commenced drilling January 21, 1954 Finished drilling February 9, 1954

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2430 to 2502 (G) No. 4, from 4707 to 4847 (G)
No. 2, from 4053 to 4235 (G) No. 5, from _____ to _____
No. 3, from 4235 to 4707 (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	
9 5/8	25.4#	S.W.	Armco	161	Armco				Surface
7	18	8 RD	Armco	2472	Baker				Prod. Csg.
2	4.7	8 RD	Youngston	4835					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	173	125	Circulation		
7	4536	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
	Sand Oil, See well History					

TOOLS USED

Gas Drilling

Rotary tools were used from 0 feet to 4536 feet, and from 4536 feet to 4871 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

February 12, 1954 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 3,042,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 971

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	450	450	Tan cr-grn ss w/thin sh breaks.
450	1137	687	Variegated sh w/thin ss breaks.
1137	1642	505	Tan to gry cr-grn ss interbedded w/gry sh.
1642	1700	58	Ojo Alamo ss. Sh cr-grn s. Top Ojo Alamo 1642.
1700	2105	405	Kirtland formation. Gry sh interbedded w/tight gry fine-grn ss. Top Kirtland 1700.
2105	2430	325	Fruitland formation. Gry carb sh, scattered coals and gry, tight, fine-grn ss. Top Fruitland 2105.
2430	2502	72	Pictured Cliffs formation. Gry, fine-grn, tight, varicolored soft ss. Top Pictured Cliffs 2430.
2502	4053	1551	Lewis formation. Gry to wh dense sh w/silty to shaly ss breaks. Top Lewis 2502.
4053	4235	182	Cliff House ss. Gry, fine-grn, dense sil ss. Top Cliff House 4053.
4235	4707	472	Menefee formation. Gry, fine-grn s, carb sh and coal. Top Menefee 4235.
4707	4847	140	Point Lookout formation. Gry, very fine sil ss w/frequent sh breaks. Top Point Lookout 4707.
4847	4871	24	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

LEASE OR PERMIT TO PROSPECT
SERIAL NUMBER
U.S. LAND OFFICE

UNITED STATES

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

INVESTIGATION OF THE
U.S. DEPARTMENT OF JUSTICE

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Location of _____ of _____ line and _____ of _____ line of _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian
 County _____ State _____
 Address _____
 Company _____

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 _____

_____ Title _____ Date _____

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

Commenced drilling	Completed drilling
1900	1900
1901	1901
1902	1902
1903	1903
1904	1904
1905	1905
1906	1906
1907	1907
1908	1908
1909	1909
1910	1910
1911	1911
1912	1912
1913	1913
1914	1914
1915	1915
1916	1916
1917	1917
1918	1918
1919	1919
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2046	2046
2047	2047
2048	2048
2049	2049
2	

OIL OR GAS SANDS OR ZONES

(I) $\text{d} \log \sigma(\mathbf{I})$

No. 1, from	to	No. 1, from	to
No. 2, from	to	No. 2, from	to
No. 3, from	to	No. 3, from	to
No. 4, from	to	No. 4, from	to

IMPORTANT WATER SANDS

3 hours after treatment 1,900 MCF. No. 3, from

Get Retainer at 4523, treated formation with 15,000 gal. #2 diesel oil and 16,000 gal. #3 diesel oil. Maximum pressure 1700#. Injection sand. No breakdown pressure, took down pressure 309 gallons per minute, flushed with 95 barrels oil. Natural Gas 130 MCF.

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 led in the well, give the 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 testing.

HISTORY OF OIL OR GAS WELL

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

MURDERING AND CELEBRATING RECORD

Item No.	Description	Quantity	Unit	Price	Total
1	...	...	...	...	...
2	...	...	...	...	...
3	...	...	...	...	...
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5	...	...	...	...	...
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8	...	...	...	...	...
9	...	...	...	...	...
10	...	...	...	...	...
11	...	...	...	...	...
12	...	...	...	...	...
13	...	...	...	...	...
14	...	...	...	...	...
15	...	...	...	...	...
16	...	...	...	...	...
17	...	...	...	...	...
18	...	...	...	...	...
19	...	...	...	...	...
20	...	...	...	...	...
21	...	...	...	...	...
22	...	...	...	...	...
23	...	...	...	...	...
24	...	...	...	...	...
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31	...	...	...	...	...
32	...	...	...	...	...
33	...	...	...	...	...
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35	...	...	...	...	...
36	...	...	...	...	...
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88	...	...	...	...	...
89	...	...	...	...	...
90	...	...	...	...	

PLUGS AND ADAPTERS

.....

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from	feet to	feet and from	feet to
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DATE

19	Put to producing	19
----	------------------	----

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil;

It was well, can. ft. per 24 hours	emulsion, and water, and No sediment
Gallons gasoline per 1,000 cu. ft. of gas	Gravity, Density

Rock pressure, lbs. per sq. in. -----

EMPLOYEES

Name, _____ _____ _____	Title, _____ _____ _____
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FORMATION RECORD

[illegible]