

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078500**
LEASE OR PERMIT TO PROSPECT **Lea**

A 10x10 grid with the number 25 in the center and a small circle in the bottom-left corner.

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

U. S. GEOLOGICAL SURVEY
FARMINGTON

LOG OF OIL OR GAS WELL

Company Three States Natural Gas Co. Address Farmington, New Mexico
 Lessor or Tract E. T. Russell Field Blanco-Largo State New Mexico
 Well No. 2 Sec. 25 T. 28N R. 8W Meridian NMPM County San Juan
 Location 990 ft. N of S Line and 990 ft. E of W Line of Sec. 25 Elevation 5885 DF

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.

Date **June 13, 1952**

Signed V. H. Zabel
Title Geologist

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

Commenced drilling Oct. 20 1951 Finished drilling May 30 1952

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3970</u>	to <u>4112 (G)</u>	No. 4, from _____	to _____
No. 2, from <u>4112</u>	to <u>4577 (G)</u>	No. 5, from _____	to _____
No. 3, from <u>4577</u>	to <u>4719 (G)</u>	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#	8 rd. thd.		154.28'	Howco	Cemented			
7	20.00#	8 rd. thd.		152.00'	Howco	Cemented			
8-3/8	41.70#	8 rd. thd.		158.85'					
HISTORY OF CASES ON CASE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10-3/4	162	100 sz	Howco	Water	
7	3986	260 sz	Howco		

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
3", 4", 5"	Std	Gel	1570 qts	5/31/52	4024-4719	4719

TOOLS USED

Rotary tools were used from Surface feet to 4719 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

----- June 1, 19-52 ----- The production for the first 24 hours was ----- emulsion: ----- % water: and ----- % sediment.	Put to producing -----, 19----- barrels of fluid of which ----- % was oil; ----- % Gravity. °Bé. -----
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If gas well, cu. ft. per 24 hours 802 Mcf Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 100 psi

EMPLOYEES	
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

EMPLOYEES

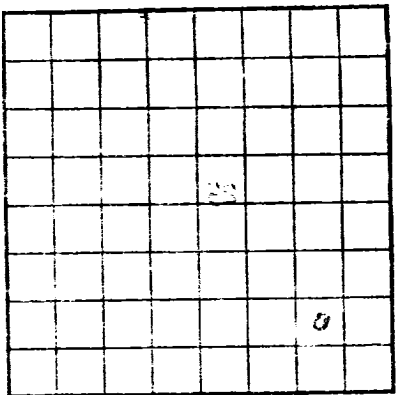
J.R. McClain	Driller		Driller
G.W. Randall	Driller		Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1540	1540	Sand & Shale
<u>Top Kirt.</u>			
1540	2100	560	Shale
<u>Top Fruit.</u>			
2100	2330	230	Sand, Shale & Coal
<u>Top PC</u>			
2330	2460	130	Sand
<u>Top Lewis</u>			
2460	3970	1510	Shale
<u>Top CH</u>			
3970	4112	142	Sand & Shale
<u>Top Mansfee</u>			
4112	4577	465	Shale & Sand
<u>Top PL</u>			
4577	4919	142	Sand & Shale

(OVER)

LOCATION RECORDED—Continued



LOCATE WELL CORRECTLY

Company _____
Lessor or Trust _____
Well No. _____
Location _____
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 at above date
Commenced drilling _____
Finished drilling _____

OIL OR GAS SANDS OR ZONES

No. 1, from _____ to _____
No. 2, from _____ to _____
No. 3, from _____ to _____
No. 4, from _____ to _____
No. 5, from _____ to _____
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

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 added 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

FORMATION RECORD		TOOLS USED		SHOOTING RECORD		PLUGS AND ADAPTERS		MUDGING AND CEMENTING RECORD	
FROM -	TO -	Explosive used	Quantity	Date	Depth about	Depth cleaned out	Material used	Amount of mud used	
1000	1010								
1010	1020								
1020	1030								
1030	1040								
1040	1050								
1050	1060								
1060	1070								
1070	1080								
1080	1090								
1090	1100								
1100	1110								
1110	1120								
1120	1130								
1130	1140								
1140	1150								
1150	1160								
1160	1170								
1170	1180								
1180	1190								
1190	1200								
1200	1210								
1210	1220								
1220	1230								
1230	1240								
1240	1250								
1250	1260								
1260	1270								
1270	1280								
1280	1290								
1290	1300								
1300	1310								
1310	1320								
1320	1330								
1330	1340								
1340	1350								
1350	1360								
1360	1370								
1370	1380								
1380	1390								
1390	1400								
1400	1410								
1410	1420								
1420	1430								
1430	1440								
1440	1450								
1450	1460								
1460	1470								
1470	1480								
1480	1490								
1490	1500								
1500	1510								
1510	1520								
1520	1530								
1530	1540								
1540	1550								
1550	1560								
1560	1570								
1570	1580								
1580	1590								
1590	1600								
1600	1610								
1610	1620								
1620	1630								
1630	1640								
1640	1650								
1650	1660								
1660	1670								
1670	1680								
1680	1690								
1690	1700								
1700	1710								
1710	1720								
1720	1730								
1730	1740								
1740	1750								
1750	1760								
1760	1770								
1770	1780								
1780	1790								
1790	1800								
1800	1810								
1810	1820								
1820	1830								
1830	1840								
1840	1850								
1850	1860								
1860	1870								
1870	1880								
1880	1890								
1890	1900								
1900	1910								
1910	1920								
1920	1930								
1930	1940								
1940	1950								
1950	1960								
1960	1970								
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1980	1990								
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2010	2020								
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2060	2070								
2070	2080								
2080	2090								
2090	2100								
2100	2110								
2110	2120								
2120	2130								
2130	2140								
2140	2150								
2150	2160								
2160	2170								
2170	2180								
2180	2190								
2190	2200								
2200	2210								
2210	2220								
2220	2230								
2230	2240								
2240	2250								
2250	2260								
2260	2270								
2270	2280								
2280	2290								
2290	2300								
2300	2310								
2310	2320								
2320	2330								
2330	2340								
2340	2350								
2350	2360								
2360	2370								
2370	2380								
2380	2390								
2390	2400								
2400	2410								
2410	2420								
2420	2430								
2430	2440								
2440	2450								
2450	2460								
2460	2470								
2470	2480								
2480	2490								
2490	2500								
2500	2510								
2510	2520								
2520	2530								
2530	2540								
2540	2550								
2550	2560								
2560	2570								
2570	2580								
2580	2590								
2590	2600								
2600	2610								
2610	2620								
2620	2630								
2630	2640								
2640	2650								
2650	2660								
2660	2670								
2670	2680								
2680	2690								
2690	2700								
2700	2710								
2710	2720								
2720	2730								
2730	2740								
2740	2750								
2750	2760								
2760	2770								
2770	2780								
2780	2790								
2790	2800								
2800	2810								
2810	2820								
2820	2830								
2830	2840								
2840	2850								
2850	2860								
2860	2870								
2870	2880								
2880	2890								
2890	2900								
2900	2910								
2910	2920								
2920	2930								
2930	2940								
2940	2950								
2950	2960								
2960	2970								
2970	2980								
2980	2990								
2990	3000								
3000	3010								
3010	3020								
3020	3030								
3030	3040								
3040	3050								
3050	3060								
3060	3070								
3070	3080								
3080	3090								
3090	3100								
3100	3110								
3110	3120								
3120	3130								
3130	3140								
3140	3150								
3150	3160								
3160	3170								
3170	3180								
3180	3190								
3190	3200								
3200	3210								
3210	3220								
3220	3230								
3230	3240								
3240	3250								
3250	3260								
3260	3270								
3270	3280								
3280									