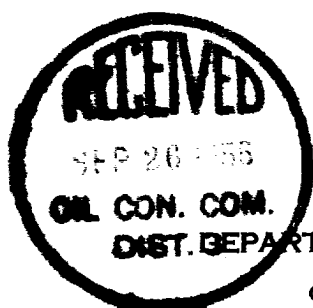


[illegible]

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079360
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 Rincon Unit Field So. Blanco P.C. State New Mexico
Well No. 66 Sec. 22 T. 27N R. 7W Meridian NMPM County Rio Arriba
Location 1645 ft. ~~North~~ of N Line and 990 ft. ~~West~~ of E Line of Section 22 Elevation 6559

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 September 22, 1956 Title Petroleum Engineer

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

Commenced drilling 8-19-56 1956 Finished drilling 8-24-56 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

(Denote gas by G)

No. 1, from <u>3008</u> to <u>3094 (G)</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, 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

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	P.E.	S.W.	121'	Howden				Surface
5 1/2"	15.5	8 RD	J-35	3455'	DeKay				Prep. Eng.
2"	4.7	8 RD	J-35	3055'					S.D. Eng.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	130*	100	Circulated Single Stage		
5-1/2"	3165*	150			

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 3166 feet, and from feet to feet
Cable tools were used from feet to feet, and from feet to feet

DATES

9-5-56, 19 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 4,737,000 ----- A.C.F. 9531 MCF/D. Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----1025-----

EMPLOYEES

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2214	2214	Tan to gry cr-grn ss interbedded w/gry sh.
2214	2345	131	Ojo Alamo ss. White cr-grn s.
2345	2822	477	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2822	3008	186	Fruitland form. Gry carb sh, scattered coal coals and gry, tight, fine-grn ss.
3008	3094	86	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3094	3166	72	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



TOG OF OF OR GAS ARIET

Y. HOSOKAWA, T. KAWAUCHI

The information given here is a complete and correct record of the well and all work done thereon
as far as is determined from all available records.
Signed _____
[Signature]

The following are the names of the persons who have been appointed to the various committees of the Board of Directors of the United States Steel Corporation, for the year ending December 31, 1919:

ON OR OF SANDS OR ZONES

(7) $\text{nd} \leq \text{nd} \leq \text{nd}$

No. 1 from	to	No. 4 from	to
No. 2 from	to	No. 5 from	to
No. 3 from	to	No. 6 from	to

IMPORTANT WATER SANDS

to	from	8.0%	to	from	7.0%
to	from	4.0%	to	from	3.0%

CASING RECORD

9-4-56 C.O. 3131. Perf. 3015-50. Placed with 4,200 gals. water & 40,000# sand. Flush with 3500 gallons. I.R. 60.5 BPM. Mex. & NDP 28907. AVE. tr. fr. 18004

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 pipes 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

U. S. GOVERNMENT PRINTING OFFICE 16-58094-2

MURKIN AND CHIPPING RECORD

Case No.	Where made	Number sacks of cement	Weight of cement	Where made	Case No.
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	...	...	...</		

FLUGS AND ADAPTERS

[illegible]

SHOOTING RECORD

[illegible]

USED TOGETH

of test	test and from	test to	test and from
of test	test and from	test to	test and from

DATE:

[illegible]

EMPLOYEES

[illegible]

INFORMATION RECORD

FORMATION	TOTAL FEET	19--	1900--
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. ...	...	...	...
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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. ...	...	...	...