

C O P Y

[illegible]

LOCATE WELL CORRECTLY

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077384
LEASE OR PERMIT TO PROSPECT Lease

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Byrd-Frost, Inc. Address P. O. Box 911, Durango, Colorado
 Lessor or Tract Madeleine N. Galt Field Kutz Canon State N. M.
 Well No. 1-E Sec. 1 T. 27N R. 10W Meridian NMPM County San Juan
 Location 860 ft. XXX of N Line and 1650 ft. XXX of E Line of Sec. 1 Elevation 6023 (R. T.)
 (Derrick floor roughly 12 ft. 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.

Date Feb. 27, 1950 Title Dist. Sup't.

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

Commenced drilling Jan. 19, 1950 Finished drilling Feb. 7, 1950, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2011 to 2093 G 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. 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"	16	8	J.I.	98	Texas	Cemented			Sur.
5-1/2"	15.5	8	J.I.	2018	Texas	Cemented			Sur.
1"	1.6	11.5	J.I.	2002			2067	2012	Synon
HISTORY OF OIL OR GAS WELL									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8"	98	75	HOWCO	9.2	Circulated
5-1/2"	2018	100	HOWCO	9.2	"

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
4" - 20 qt.	9	Sol - Nitro	180 qts.	1-26	2022-2095	2095
3 1/2" - 20 qt.	6	Sol - Nitro	125 qts.	2-5	2029 - 2093	2095

surface	TOOLS USED
1. 1000	1000
2. 1000	1000
3. 1000	1000
4. 1000	1000
5. 1000	1000
6. 1000	1000
7. 1000	1000
8. 1000	1000
9. 1000	1000
10. 1000	1000
11. 1000	1000
12. 1000	1000
13. 1000	1000
14. 1000	1000
15. 1000	1000
16. 1000	1000
17. 1000	1000
18. 1000	1000
19. 1000	1000
20. 1000	1000
21. 1000	1000
22. 1000	1000
23. 1000	1000
24. 1000	1000
25. 1000	1000
26. 1000	1000
27. 1000	1000
28. 1000	1000
29. 1000	1000
30. 1000	1000
31. 1000	1000
32. 1000	1000
33. 1000	1000
34. 1000	1000
35. 1000	1000
36. 1000	1000
37. 1000	1000
38. 1000	1000
39. 1000	1000
40. 1000	1000
41. 1000	1000
42. 1000	1000
43. 1000	1000
44. 1000	1000
45. 1000	1000
46. 1000	1000
47. 1000	1000
48. 1000	1000
49. 1000	1000
50. 1000	1000
51. 1000	1000
52. 1000	1000
53. 1000	1000
54. 1000	1000
55. 1000	1000
56. 1000	1000
57. 1000	1000
58. 1000	1000
59. 1000	1000
60. 1000	1000
61. 1000	1000
62. 1000	1000
63. 1000	1000
64. 1000	1000
65. 1000	1000
66. 1000	1000
67. 1000	1000
68. 1000	1000
69. 1000	1000
70. 1000	1000
71. 1000	1000
72. 1000	1000
73. 1000	1000
74. 1000	1000
75. 1000	1000
76. 1000	1000
77. 1000	1000
78. 1000	1000
79. 1000	1000
80. 1000	1000
81. 1000	1000
82. 1000	1000
83. 1000	1000
84. 1000	1000
85. 1000	1000
86. 1000	1000
87. 1000	1000
88. 1000	1000
89. 1000	1000
90. 1000	1000
91. 1000	1000
92. 1000	1000
93. 1000	1000
94. 1000	1000
95. 1000	1000
96. 1000	1000
97. 1000	1000
98. 1000	1000
99. 1000	1000
100. 1000	1000

Rotary tools were used from 2018 feet to 2095 feet, and from _____ feet to _____ feet.

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

DATES

_____ 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 544# Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES	
P. L. Wald	L. Godwin
P. E. Collier	R. Freeland

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	98	98	Sand - Surface
98	225	127	Sand & Shale
225	600	375	Sand & Shale
600	795	195	Sand & Shale
795	1145	350	Sand & Shale
1145	1320	175	Sand, Shale & Chert.
1320	1520	200	Shale
1520	1740	220	Shale
1740	1990	250	Sand & Shale
1990	2018	28	Sand, Shale & Coal. Top Pictured Cliffs 2014
2018	2042	24	Sand
2042	2063	21	Sand
2063	2085	22	Sand
2085	2093	8	Shale
2093 T. D.			

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible]

NAME	ADDRESS	CITY	STATE	ZIP	DATE	TIME	REMARKS
Mr. J. H. Smith	123 Main St.	Springfield	Ill.	62761	10/15/68	10:30	Called to report...
Mr. R. L. Jones	456 Oak Ave.	Chicago	Ill.	60601	10/16/68	11:00	Visited...
Mr. T. E. Brown	789 Elm St.	Peoria	Ill.	61601	10/17/68	14:00	Interviewed...
Mr. W. D. Miller	1011 Maple Dr.	Rockford	Ill.	61101	10/18/68	15:30	Received...
Mr. C. F. Wilson	1212 Pine St.	Decatur	Ill.	62521	10/19/68	16:00	Completed...
Mr. B. G. Moore	1313 Birch Ave.	Normal	Ill.	62451	10/20/68	17:00	Final report...

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, the character of 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.

U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
5013	5000	13	Sand & Gravel
5000	4987	13	Sand
4987	4974	13	Sand
4974	4961	13	Sand
4961	4948	13	Sand
4948	4935	13	Sand & Gravel
4935	4922	13	Sand & Gravel
4922	4909	13	Sand & Gravel
4909	4896	13	Sand & Gravel
4896	4883	13	Sand & Gravel
4883	4870	13	Sand & Gravel
4870	4857	13	Sand & Gravel
4857	4844	13	Sand & Gravel
4844	4831	13	Sand & Gravel
4831	4818	13	Sand & Gravel
4818	4805	13	Sand & Gravel
4805	4792	13	Sand & Gravel
4792	4779	13	Sand & Gravel
4779	4766	13	Sand & Gravel
4766	4753	13	Sand & Gravel
4753	4740	13	Sand & Gravel
4740	4727	13	Sand & Gravel
4727	4714	13	Sand & Gravel
4714	4701	13	Sand & Gravel
4701	4688	13	Sand & Gravel
4688	4675	13	Sand & Gravel
4675	4662	13	Sand & Gravel
4662	4649	13	Sand & Gravel
4649	4636	13	Sand & Gravel
4636	4623	13	Sand & Gravel
4623	4610	13	Sand & Gravel
4610	4597	13	Sand & Gravel
4597	4584	13	Sand & Gravel
4584	4571	13	Sand & Gravel
4571	4558	13	Sand & Gravel
4558	4545	13	Sand & Gravel
4545	4532	13	Sand & Gravel
4532	4519	13	Sand & Gravel
4519	4506	13	Sand & Gravel
4506	4493	13	Sand & Gravel
4493	4480	13	Sand & Gravel
4480	4467	13	Sand & Gravel
4467	4454	13	Sand & Gravel
4454	4441	13	Sand & Gravel
4441	4428	13	Sand & Gravel
4428	4415	13	Sand & Gravel
4415	4402	13	Sand & Gravel
4402	4389	13	Sand & Gravel
4389	4376	13	Sand & Gravel
4376	4363	13	Sand & Gravel
4363	4350	13	Sand & Gravel
4350	4337	13	Sand & Gravel
4337	4324	13	Sand & Gravel
4324	4311	13	Sand & Gravel
4311	4298	13	Sand & Gravel
4298	4285	13	Sand & Gravel
4285	4272	13	Sand & Gravel
4272	4259	13	Sand & Gravel
4259	4246	13	Sand & Gravel
4246	4233	13	Sand & Gravel
4233	4220	13	Sand & Gravel
4220	4207	13	Sand & Gravel
4207	4194	13	Sand & Gravel
4194	4181	13	Sand & Gravel
4181	4168	13	Sand & Gravel
4168	4155	13	Sand & Gravel
4155	4142	13	Sand & Gravel
4142	4129	13	Sand & Gravel
4129	4116	13	Sand & Gravel
4116	4103	13	Sand & Gravel
4103	4090	13	Sand & Gravel
4090	4077	13	Sand & Gravel
4077	4064	13	Sand & Gravel
4064	4051	13	Sand & Gravel
4051	4038	13	Sand & Gravel
4038	4025	13	Sand & Gravel
4025	4012	13	Sand & Gravel
4012	3999	13	Sand & Gravel
3999	3986	13	Sand & Gravel
3986	3973	13	Sand & Gravel
3973	3960	13	Sand & Gravel
3960	3947	13	Sand & Gravel
3947	3934	13	Sand & Gravel
3934	3921	13	Sand & Gravel
3921	3908	13	Sand & Gravel
3908	3895	13	Sand & Gravel