

U. S. LAND OFFICE Farmington, N. M.SERIAL NUMBER SP-078862

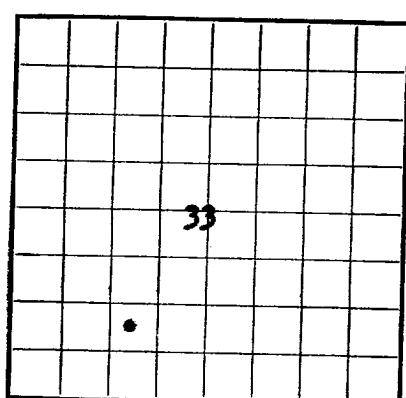
LEASE OR PERMIT TO PROSPECT

South Huerfano

UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Reynolds Mining Corporation Address P. O. Box 1328, Durango, Colorado
Lessor or Tract South Huerfano Field Wildcat State New Mexico
Well No. 1 Sec. 33 T. 24N R. 9W Meridian NMPM County San Juan
Location 1120 ft. N. of S. Line and 1520 ft. E. of W. Line of Sec 33, T24N, R9W Elevation 6890 GL.
(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 COPY Original Signed By C. J. Eskridge, Jr.Date April 16, 1957C. J. Eskridge, Jr.Title District Petroleum Engineer

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

Commenced drilling September 20, 1956 Finished drilling November 2, 1956

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4939 to 5046 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 None 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		383.39'	Halliburton				Protect surface
5 1/2"	15.5	8 rd		511.13'					Water zones
							4939	5046	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	396'	400 <u>sxs</u> regular	Pump & Plug		
5 1/2"	5125'	200 <u>sxs</u> 50-50 pozzol with 2% gel	" " "		

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
Fractured with 114,000 gallons oil and 114,000 pounds sand - interval 4939-5046.						

TOOLS USED

Rotary tools were used from 0 feet to 6022 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing March 8, 1957
The production for the first 24 hours was 12 barrels of fluid of which 99.6 % was oil; _____ %
emulsion; _____ % water; and 4 % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 835

EMPLOYEES

Contract, Driller _____, Driller _____
_____, Driller _____, Driller _____

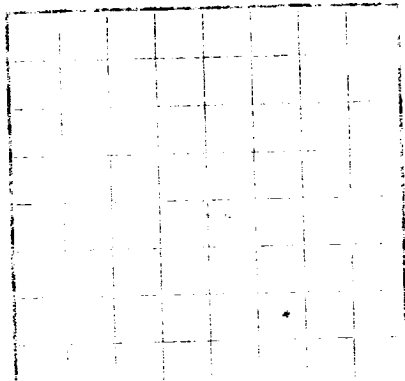
FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1450	1450	Kirtland
1450	1525	75	Pictured Cliffs
1525	2848	323	Lewis
2848	3783	935	Menefee
3783	3943	160	Point Lookout
3943	4939	996	Mancos
4939	5701	762	Gallup
5701	5798	97	Greenhorn
5798	5870	72	Graneros
5870	5996	126	Dakota
5996	6022	26	Morrison

All depths being from kelly bushing which is 12.18 feet above ground level.

LOG OF OIL OR GAS WELL

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

Address _____
Field _____ State _____
Name of well _____
The information given herewith is a complete and correct record of the well and all work done thereon
Signed _____
The following is for the condition of the well at above date

OIL OR GAS SANDS OR ZONES

No. 1 from _____ to _____
No. 2 from _____ to _____
No. 3 from _____ to _____

IMPORTANT WATER SANDS

No. 1 from _____ to _____
No. 2 from _____ to _____

CASING RECORD

From _____ to _____
Kind of casing _____
Casing set _____

HISTORY OF OIL OR GAS WELL

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 plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or pulling.

MUDDING AND CEMENTING RECORD

From _____ to _____
Kind of mud _____
Mud set _____

TOOLS AND ADAPTERS

From _____ to _____
Kind of tool _____
Tool set _____

SHOOTING RECORD

From _____ to _____
Kind of shot _____
Shot set _____

TOOLS USED

From _____ to _____
Kind of tool _____
Tool set _____

DATES

From _____ to _____
Kind of date _____
Date set _____

EMPLOYEES

From _____ to _____
Kind of employee _____
Employee set _____

FORMATION RECORD

FORMATION	TOTAL FEET	TO	FROM
1. Sandstone	100	100	0
2. Shale	200	300	100
3. Limestone	300	600	300
4. Coal	400	1000	600
5. Gypsum	500	1500	1000
6. Clay	600	2100	1500
7. Gravel	700	2800	2100
8. Siltstone	800	3600	2800
9. Sandstone	900	4500	3600
10. Shale	1000	5500	4500
11. Limestone	1100	6600	5500
12. Coal	1200	7800	6600
13. Gypsum	1300	9100	7800
14. Clay	1400	10500	9100
15. Gravel	1500	12000	10500
16. Siltstone	1600	13600	12000
17. Sandstone	1700	15300	13600
18. Shale	1800	17100	15300
19. Limestone	1900	19000	17100
20. Coal	2000	21000	19000
21. Gypsum	2100	23100	21000
22. Clay	2200	25300	23100
23. Gravel	2300	27600	25300
24. Siltstone	2400	30000	27600
25. Sandstone	2500	32500	30000
26. Shale	2600	35100	32500
27. Limestone	2700	37800	35100
28. Coal	2800	40600	37800
29. Gypsum	2900	43500	40600
30. Clay	3000	46500	43500
31. Gravel	3100	49600	46500
32. Siltstone	3200	52800	49600
33. Sandstone	3300	56100	52800
34. Shale	3400	59500	56100
35. Limestone	3500	63000	59500
36. Coal	3600	66600	63000
37. Gypsum	3700	70300	66600
38. Clay	3800	74100	70300
39. Gravel	3900	78000	74100
40. Siltstone	4000	82000	78000
41. Sandstone	4100	86100	82000
42. Shale	4200	90300	86100
43. Limestone	4300	94600	90300
44. Coal	4400	99000	94600
45. Gypsum	4500	103500	99000
46. Clay	4600	108100	103500
47. Gravel	4700	112800	108100
48. Siltstone	4800	117600	112800
49. Sandstone	4900	122500	117600
50. Shale	5000	127500	122500
51. Limestone	5100	132600	127500
52. Coal	5200	137800	132600
53. Gypsum	5300	143100	137800
54. Clay	5400	148500	143100
55. Gravel	5500	154000	148500
56. Siltstone	5600	159600	154000
57. Sandstone	5700	165300	159600
58. Shale	5800	171100	165300
59. Limestone	5900	177000	171100
60. Coal	6000	183000	177000
61. Gypsum	6100	189100	183000
62. Clay	6200	195300	189100
63. Gravel	6300	201600	195300
64. Siltstone	6400	208000	201600
65. Sandstone	6500	214500	208000
66. Shale	6600	221100	214500
67. Limestone	6700	227800	221100
68. Coal	6800	234600	227800
69. Gypsum	6900	241500	234600
70. Clay	7000	248500	241500
71. Gravel	7100	255600	248500
72. Siltstone	7200	262800	255600
73. Sandstone	7300	270100	262800
74. Shale	7400	277500	270100
75. Limestone	7500	285000	277500
76. Coal	7600	292600	285000
77. Gypsum	7700	300300	292600
78. Clay	7800	308100	300300
79. Gravel	7900	316000	308100
80. Siltstone	8000	324000	316000
81. Sandstone	8100	332100	324000
82. Shale	8200	340300	332100
83. Limestone	8300	348600	340300
84. Coal	8400	357000	348600
85. Gypsum	8500	365500	357000
86. Clay	8600	374100	365500
87. Gravel	8700	382800	374100
88. Siltstone	8800	391600	382800
89. Sandstone	8900	400500	391600
90. Shale	9000	409500	400500
91. Limestone	9100	418600	409500
92. Coal	9200	427800	418600
93. Gypsum	9300	437100	427800
94. Clay	9400	446500	437100
95. Gravel	9500	456000	446500
96. Siltstone	9600	465600	456000
97. Sandstone	9700	475300	465600
98. Shale	9800	485100	475300
99. Limestone	9900	495000	485100
100. Coal	10000	505000	495000