

PERMIT TO PROSPECT

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DEC 7 1955
U. S. GEOLOGICAL SURVEY
FARMINGTON, NEW MEXICO

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

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.

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

Commenced drilling August 20, 1955 Finished drilling November 8, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2220 to 2311 (WQ) 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

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8"	99.5'	80	Halliburton	Mostly water	
5-1/2"	2237'	100	Halliburton	Mostly water	

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
11/9/55	Solidified nitro-glycerin		150 gals.	11/9/55	2249' - 2311'	2311'
11/10/55	Sand oil treated from 2237' to 2311' with				17,700 gallons diesel oil and	
20,000 #	sand. Flushed with 2,300 gallons diesel.				Breakdown 1500#. Injection 28.3b.p.m.	

TOOLS USED

Rotary tools were used from 99.5 feet to 2237 feet, and from _____ feet to _____ feet
Cable tools were used from 0 feet to 99.5 feet, and from 2237 feet to 2311 feet.

Potential test made: November 26, 1955, 1955

DATES Shut in for potential test
Put to producing November 14, 1955 1955

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 **376 MCF/D** ^(Three hour test) Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. 635 psig. Well shut in to await pipe line connection.

EMPLOYEES

~~Huerfano Drilling Col, Inc.~~, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1345	1345	Sand & Shale
1345	1504	159	Sand
1504	1510 1910	406	Sand & Shale
1910	2215	305	Sand, shale & coal
2215	2311	96	Sand
			Base Ojo Alamo 1504 Top Pictured Cliffs 2220

[illegible]

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DATE OF BIRTH: 1942-01-01

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 "sacked", 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

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

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