

[illegible]

Form approved.
Budget Bureau No. 42-R355.4.

U. S. LAND OFFICE **Santa Fe**

SERIAL NUMBER **SF 060781**

LEASE OR PERMIT TO PROSPECT **Cain**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Aztec Oil & Gas Company Address Drawer # 570, Farmington, New Mex.
Lessor or Tract Cain Field Aztec Pictured/Cliffs State New Mexico
Well No. 13 Sec. 16 T. 28N R. 10W Meridian N.M.P.M. County San Juan
Location 200 ft. FM of N Line and 860 ft. E. of W Line of section 16 Elevation 5746 G.L.
(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 ORIGINAL FILED BY JOE C. SALMON
Joe C. Salmon

Date March 23, 1961 Title District Superintendent

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

Commenced drilling 2/24/51, 1951 Finished drilling 2/26, 1951

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1871 to 1914 (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. 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	130	100	displacement		
2 7/8	1964	90	two plugs		

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
Sand - water treated with 40,000/ sand, 70 Bbls. water, flushed with 60 Bbls. water						
Breakdown pr. - 2800/ , dropped 14 rubber ball sealers, treating pr. - 2650, I.R. - 1						
5 min. clean up pr. - 300						

TOOLS USED

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Rotary tools were used from 0 feet to 1965 feet, and from _____ feet to _____ feet

Cable tools were used from 0 feet to 1945 feet, and from _____ feet to _____ feet

DATES

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 400-500 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 110

EMPLOYEES

_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FORMATION RECORD			
FROM--	TO--	TOTAL FEET	FORMATION
0	143	143	surface
143	740	597	sand and shale
740	1330	590	sand and shale
1330	1854	524	sand and shale
1854	1965	111	sand and shale
			PICKED CLIFFS- 1872'
10-			SCIENTIST

PICTURED CLIFFS- 18 1/2"

UNITED STATES
DEPARTMENT OF THE INTERIOR
BIOLOGICAL SERVICE

UW 242 210 110 100 100

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 dewatered, 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. 10000 2. 10000 3. 10000 4. 10000 5. 10000 6. 10000 7. 10000 8. 10000 9. 10000 10. 10000 11. 10000 12. 10000 13. 10000 14. 10000 15. 10000 16. 10000 17. 10000 18. 10000 19. 10000 20. 10000 21. 10000 22. 10000 23. 10000 24. 10000 25. 10000 26. 10000 27. 10000 28. 10000 29. 10000 30. 10000 31. 10000 32. 10000 33. 10000 34. 10000 35. 10000 36. 10000 37. 10000 38. 10000 39. 10000 40. 10000 41. 10000 42. 10000 43. 10000 44. 10000 45. 10000 46. 10000 47. 10000 48. 10000 49. 10000 50. 10000 51. 10000 52. 10000 53. 10000 54. 10000 55. 10000 56. 10000 57. 10000 58. 10000 59. 10000 60. 10000 61. 10000 62. 10000 63. 10000 64. 10000 65. 10000 66. 10000 67. 10000 68. 10000 69. 10000 70. 10000 71. 10000 72. 10000 73. 10000 74. 10000 75. 10000 76. 10000 77. 10000 78. 10000 79. 10000 80. 10000 81. 10000 82. 10000 83. 10000 84. 10000 85. 10000 86. 10000 87. 10000 88. 10000 89. 10000 90. 10000 91. 10000 92. 10000 93. 10000 94. 10000 95. 10000 96. 10000 97. 10000 98. 10000 99. 10000 100. 10000