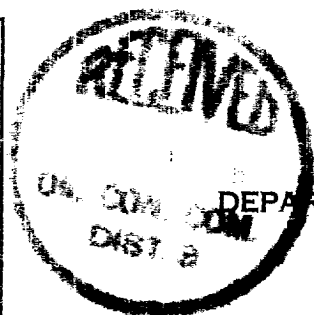
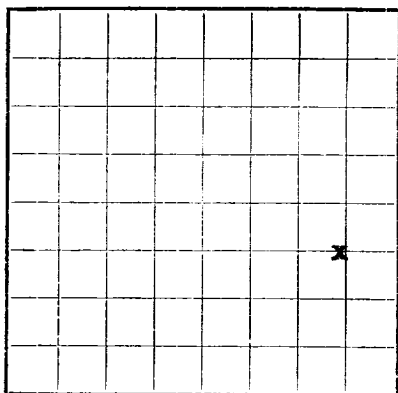


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER USA - 078056
LEASE OR PERMIT TO PROSPECT _____



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Sunray Mid-Continent Oil Co. Address Farmington, N.M.
Lessor or Tract N. M. Federal "C" Field Bisti-Gallup State N.M.
Well No. 19 Sec. 7 T. 25N R. 12W Meridian NMPM County San Juan
Location 1940 ft. N of S Line and 660 ft. W of E Line of Sec. 7 Elevation 6289
(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 H. M. Stierwalt
H. M. Stierwalt
Title Area Engineer

Date _____

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

Commenced drilling 3-7-56, 19____ Finished drilling 8-2-56, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

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

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—	
8 5/8	24	8	Lone Star	346	Baker				Surface
5 1/2	14	8	Lone Star	4990	Baker		4812	4858	
							4881	4898	
							4908	4916	
							4923	4932	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	346	225	Pump & Plug		
5 1/2	4990	200	Pump & Plug		

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

TOOLS USED

Rotary tools were used from _____ feet to 5020 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 9-7, 1956

The production for the first 24 hours was 100 barrels of fluid of which 100 % was oil; 0 % emulsion; 0 % water; and 0 % sediment. Gravity, °Bé. 38.2

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

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

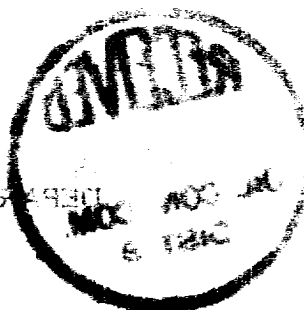
_____, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>SCHMITZ RO R TOPS</u>
			Pictured Cliff 1208
			Point Lookout 3663
			Mancos 3824
			Gallup 4721
			Lower Gallup 4825

U.S. Land Office
Indian Affairs
Bureau of Reclamation

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



4499 4498 4497 4496 4495 4494

[illegible]

010018 041614

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 bailing.

HISTORY OF OIL OR GAS WELL

16-48084-2 U. S. GOVERNMENT PRINTING OFFICE

FROM-	TO-	TOTAL FEET	FORMATION
			1. 0-100 2. 100-200 3. 200-300 4. 300-400 5. 400-500 6. 500-600 7. 600-700 8. 700-800 9. 800-900 10. 900-1000 11. 1000-1100 12. 1100-1200 13. 1200-1300 14. 1300-1400 15. 1400-1500 16. 1500-1600 17. 1600-1700 18. 1700-1800 19. 1800-1900 20. 1900-2000 21. 2000-2100 22. 2100-2200 23. 2200-2300 24. 2300-2400 25. 2400-2500 26. 2500-2600 27. 2600-2700 28. 2700-2800 29. 2800-2900 30. 2900-3000 31. 3000-3100 32. 3100-3200 33. 3200-3300 34. 3300-3400 35. 3400-3500 36. 3500-3600 37. 3600-3700 38. 3700-3800 39. 3800-3900 40. 3900-4000 41. 4000-4100 42. 4100-4200 43. 4200-4300 44. 4300-4400 45. 4400-4500 46. 4500-4600 47. 4600-4700 48. 4700-4800 49. 4800-4900 50. 4900-5000 51. 5000-5100 52. 5100-5200 53. 5200-5300 54. 5300-5400 55. 5400-5500 56. 5500-5600 57. 5600-5700 58. 5700-5800 59. 5800-5900 60. 5900-6000 61. 6000-6100 62. 6100-6200 63. 6200-6300 64. 6300-6400 65. 6400-6500 66. 6500-6600 67. 6600-6700 68. 6700-6800 69. 6800-6900 70. 6900-7000 71. 7000-7100 72. 7100-7200 73. 7200-7300 74. 7300-7400 75. 7400-7500 76. 7500-7600 77. 7600-7700 78. 7700-7800 79. 7800-7900 80. 7900-8000 81. 8000-8100 82. 8100-8200 83. 8200-8300 84. 8300-8400 85. 8400-8500 86. 8500-8600 87. 8600-8700 88. 8700-8800 89. 8800-8900 90. 8900-9000 91. 9000-9100 92. 9100-9200 93. 9200-9300 94. 9300-9400 95. 9400-9500 96. 9500-9600 97. 9600-9700 98. 9700-9800 99. 9800-9900 100. 9900-10000