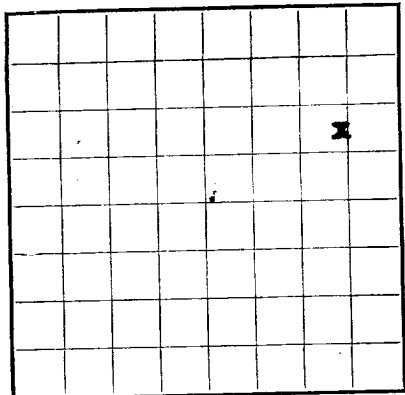


Form 9-330

U. S. LAND OFFICE
SERIAL NUMBER **078656 SF**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

FARM NEW MEX

LOG OF OIL OR GAS WELL

Company **F. B. Umbarger** Address **Box 878, Aztec, New Mexico**
Lessor or Tract **Clyde B. Gartner** Field **Torrejon** State **New Mexico**
Well No. **1** Sec. **21** 18N R. **3W** Meridian **N.M.P.M.** County **Sandoval**
Location **1915** ft. **N.** of **429** ft. **E.** of **E** Line of **Sec. 21** Elevation **6620**
(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 **F. B. Umbarger** Title **Owner**
Date **January 27, 1955**

The summary on this page is for the condition of the well at above date.
Commenced drilling **Aug. 14**, 19**49** Finished drilling **January 16**, 19**50**

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

No. 1, from **535** to **540 (show oil)** No. 4, from **655** to **680 gas**
No. 2, from **610** to **613 (oil show)** No. 5, from **901** to **905 oil**
No. 3, from **630** to **635 (gas show)** No. 6, from **1040** to **1045 oil sand**

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—	
12"	40	10		12'					
10"	36	8		11'					
6"	17	8		907' 6"	Steel				
HISLOCK & CO. OIL & GAS WELLS									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
12"	12'	5	Hand	9.2	52 sacks
6"	907' 6"	47	Halliburton		

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 **0** feet to **1284** 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 _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Ivan Canfield, Driller **Bud Strong**, Driller
Tony Tenorio, Driller **Sam Chavez**, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	535	535	Sandy shale, coal, sandy lime
535	540	5	oil show
540	610	70	Sandy shale, coal, sandy lime
610	613	3	oil show
613	630	17	Lime, sandy shale
630	635	5	gas show
635	655	20	Lime, sandy shale
655	680	25	Grey sand, gas
680	901	221	Lime, sandy shale
901	905	4	oil sand
905	1040	135	Lime, sandy shale
1040	1045	5	oil sand
1045	1284	239	Lime, sand, shale, sandy shale

[OVER]

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REPORT OF THE BOARD OF DIRECTORS
OF THE
UNITED STATES DEPARTMENT OF AGRICULTURE
FOR THE YEAR 1907

SECRET

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. "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number 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 replaced, state in detail the dates of redrilling, together with the reasons for 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 greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the greatest importance to have a complete history of the well.

HISTORY OF OIL OR GAS WELL

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