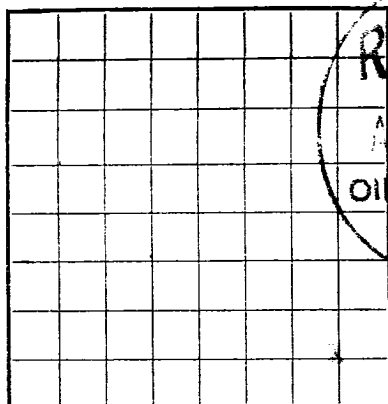




RECEIVED
AUG 31 1959
OIL CON. COM.
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Navajo-Ute
U. S. LAND OFFICE
SERIAL NUMBER 14-20-604-1951
LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Products Co. Address Box 1555, Farmington, New Mexico
Lessor or Tract Horseshoe Ute Field Horseshoe Gallup State New Mexico
Well No. 16 Sec. 28 T. 31N R. 16W Meridian N.M.P.M. County San Juan
Location 660 ft. N. of Line and 660 ft. E. of Line of Section 28 Elevation 5585'
(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 SIGNED BY: WILLIAM K. GLAZENER

Date August 23, 1959 Title Petroleum Engineer

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

Commenced drilling July 12, 1959 Finished drilling July 18, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 1447' to 1478' 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—	
7-5/8"	45	8	API	100	API	100			
5-1/2"	35	8	API	100	API	100			
4-1/2"	25	8	API	100	API	100			
3-1/2"	15	8	API	100	API	100			
2-1/2"	10	8	API	100	API	100			
2"	8	8	API	100	API	100			
1-1/2"	6	8	API	100	API	100			
1-1/4"	5	8	API	100	API	100			
1-1/8"	4	8	API	100	API	100			
1-1/16"	3	8	API	100	API	100			
1-1/32"	2	8	API	100	API	100			
1-1/64"	1	8	API	100	API	100			
1-1/128"	1	8	API	100	API	100			
1-1/256"	1	8	API	100	API	100			
1-1/512"	1	8	API	100	API	100			
1-1/1024"	1	8	API	100	API	100			
1-1/2048"	1	8	API	100	API	100			
1-1/4096"	1	8	API	100	API	100			
1-1/8192"	1	8	API	100	API	100			
1-1/16384"	1	8	API	100	API	100			
1-1/32768"	1	8	API	100	API	100			
1-1/65536"	1	8	API	100	API	100			
1-1/131072"	1	8	API	100	API	100			
1-1/262144"	1	8	API	100	API	100			
1-1/524288"	1	8	API	100	API	100			
1-1/1048576"	1	8	API	100	API	100			
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RECEIVED
JUN 27 1959
GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

RECEIVED
MAR 1 1968
OIL CON. COM.
DIST. 3

LOCATE WELL CORRECTLY

ORIGINAL SIGNED BY: WILLIAM K. GLAZIER

OIL OR GAS SANDS OR ZONES

Dropped 30 Rubber Balls in Water Sands

SOF parts. 1447-1478 with 42,840 gals. oil & 50,000* sand; flush with No. 4 from 1260 gals. oil. IR. 63.1 ppm; MTP-3 1903; BOP--10504; A77--9504.

SANDHILL EXACTURES

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 extracted or left in the well, give the 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

Casing size	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7-8 1/2"	Top	3	Hand tamped		
9-5/8"	" "	4 1/2	" " "		

PLUGS AND ADAPTERS

Adapters—Meters	Size
-----------------	------

SHOOTING RECORD

[illegible]

TOOLS USED

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

DATES

Rock pressure, lbs. per sq. in.	-----
It gas well, cu. ft. per 24 hours	-----
Gallons gasoline per 1,000 cu. ft. of gas	-----
Gravity, °Bé.	-----
% water; and	-----
% sediment	-----
The production for the first 24 hours was	-----
barrels of fluid of which	-----
% was oil;	-----
Put to producing	-----

EMPLOYEES

Driller	Driller		
Driller	Driller		

FORMATION RECORD

FORMATION	TOTAL FEET	TO-	FROM-
1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100