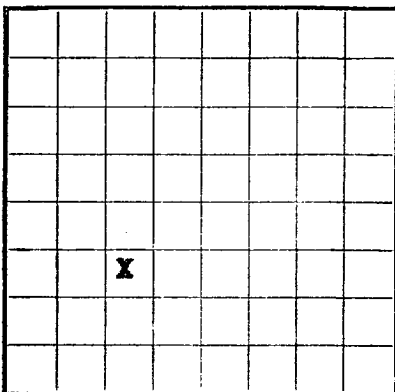


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078039
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract Barnes Field Blanco State New Mexico
Well No. 8 Sec. 26 T. 32N R. 11W Meridian NMPM County San Juan
Location 1750 ft. N. of S. Line and 1750 ft. E. of W. Line of Section 26 Elevation 6489'
(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 D. C. JohnstonDate April 5, 1955 Title Petroleum Engineer

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

Commenced drilling February 20, 1955 Finished drilling March 18, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3232 to 3276 No. 4, from 5508 to 5614
No. 2, from 5035 to 5132 No. 5, from _____ to _____
No. 3, from 5132 to 5508 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—	
<u>9 5/8</u>	<u>25.4#</u>	<u>8.0</u>	<u>Arco</u>	<u>161'</u>	<u>Hoveo</u>				<u>Surface</u>
<u>7</u>	<u>16.7#</u>	<u>8.0</u>	<u>Youngstown</u>	<u>5633'</u>					<u>Prod. Tbg.</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9 5/8</u>	<u>173'</u>	<u>125</u>	<u>Circulated</u>		
<u>7</u>	<u>4920</u>	<u>500</u>	<u>Single stage</u>		

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
		<u>See Well History.</u>				

TOOLS USED

Gas DrilledRotary tools were used from 0 feet to 4920 feet, and from 4920 feet to 5650 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

Comp: 2-18, 1955 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 5,101,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 1020

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>218</u>	<u>218</u>	<u>Tan cr-grn ss w/thin sh breaks.</u>
<u>218</u>	<u>1713</u>	<u>1495</u>	<u>Variegated sh w/thin ss breaks.</u>
<u>1713</u>	<u>2040</u>	<u>327</u>	<u>Tan to gry cr-grn ss interbedded w/gry sh.</u>
<u>2040</u>	<u>2093</u>	<u>53</u>	<u>Ojo Alamo ss. White cr-grn s.</u>
<u>2093</u>	<u>2710</u>	<u>617</u>	<u>Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.</u>
<u>2710</u>	<u>3232</u>	<u>522</u>	<u>Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.</u>
<u>3232</u>	<u>3276</u>	<u>44</u>	<u>Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.</u>
<u>3276</u>	<u>5035</u>	<u>1759</u>	<u>Lewis form. Gry to white dense sh w/silty to shaly ss breaks.</u>
<u>5035</u>	<u>5132</u>	<u>97</u>	<u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>
<u>5132</u>	<u>5508</u>	<u>376</u>	<u>Manefee form. Gry, fine-grn s, carb sh & coal.</u>
<u>5508</u>	<u>5614</u>	<u>106</u>	<u>Point Lookout form. Gry, fine sil ss w/frequent sh breaks.</u>
<u>5614</u>	<u>5650 T.D.</u>	<u>36</u>	<u>Mancos formation. Gry carb sh.</u>

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

[illegible][illegible]

On record drilling 19..... Finished drilling 19.....

REF ID: A67126AC 110 110

(d) 347,908.

03	mol 4.6	mol 4.6	mol 4.6
06	mol 3.974	mol 3.974	mol 3.974

March 18, 1955, Total depth 5650'. Sand-all fracture point lookout formation from 5409' to 5652' with 13,900 gallons oil and 13,900' sand. Breakdown pressure 1100' maximum pressure 1500', Injection rate 8 bps./min. Finish 2000 gallons. Natural gas 90 MCF/D.

Mar. 15, 1955, Total depth 545'. Sand and gravel 410' to 515', with 1,600 gallons oil and 12,900' sand. Breakdown pressure 1000%, maximum pressure 3100%. Injection rate 10.2 bbl./min. Flush 300 gallons. Natural gas 350 mcf/d.

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 balling.

HISTORY OF OIL OR GAS WELL

16-48094-2 U. S. GOVERNMENT PRINTING OFFICE

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

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