

A 10x10 grid with a small 'X' mark in the 3rd column and 6th row.

LOCATE WELL CORRECTLY

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078496**
LEASE OR PERMIT TO PROSPECT

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

14-08-081-459

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field Blanco & Wildcat State New Mexico
Well No. 72(FM) Sec. 35 T. 28N R. 7W Meridian N.M.P.M. County Rio Arriba
Location 1650 ft. N. of 8 Line and 1090 ft. E. of W Line of Section 35 Elevation 6093'
(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 D. C. Johnson

Date July 15, 1957 Title Petroleum Engineer

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

Commenced drilling 3-23, 1957 Finished drilling 4-25, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by $\mathbb{G}$)

No. 1, from 2708 to 2778 (G) No. 4, from 4920 to 5053 (G)
No. 2, from 4363 to 4495 (G) No. 5, from to
No. 3, from 4495 to 4920 (G) 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—	
10-3/4"	32.75	P. E.	S. W.	161'	Howco				surface
7-5/8"	26.4	8 Bd.	2-55	2909'	Baker				Prod. log.
5-1/2"	19.5	8 Bd.	2-55	10413'	Baker				Prod. liner
2"	4.7	8 Bd.	2-55	1865'					Prod. lbg.
1-1/4"	2.3	8 Bd.	Grade 3	2725'					Siphon

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	10-3/4"	171'	250	circulated		
	7-5/8"	2191'	250	single stage		
	5-1/2"	2904-5117'	450	single stage and squeeze		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material..... Size **Baker Model "EGJ" packer at 2957'**

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
		See Well History				

TOOLS USED

Rotary tools were used from 175 feet to 2020 feet, and from 2020 feet to 5120 feet

Cable tools were used from 0 feet to 175 feet, and from _____ feet to _____ feet

DATES

-----4-30-----, 1957----- 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 131,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. ----- 1113 ----- A.O.F. = P.C. 1139 MCF/D and M.V. 6191 MCF/D

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1750	1750	Tan to gry cr-grn ss interbedded w/gry sh.
1750	2020	270	Ojo Alamo ss. White c-grn s.
2020	2482	462	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2482	2706	224	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2706	2778	72	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
2778	4363	1585	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4363	4495	132	Cliff House ss. Gry, fine-grn, dense sil ss.
4495	4920	425	Manefee form. Gry, fine-grn s, carb sh & coal.
4920	5053	133	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5053	5120	67	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued

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

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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

4-25-21, Part B.R. at 4862-4866, 4950-4960, 5000-5010, 5034-5037 4 1/2 feet. Water traced w/59,900 gal. water, 50,000 sand. Plugs 1900 ft. max. pr. 3000 psi, avg. tr. pr. 1575 psi, 4950 psi, 5400 psi, 3000 psi. I.R. 59.5 ft. Dropped three groups of 46 ferro-balls each.

4-27-21, Part C.H. at 4525'. Part C.H. at 4404-4418, 4440-4456, 4462-4465, 4486-4489, 4496-4500, 4525-4528 4 1/2 feet. Water traced w/39,600 gal. water, 40,000 sand. Plugs 1500 psi, avg. tr. pr. 1500 psi, 1575 psi, 1800 psi. I.R. 45 ft. Dropped two groups of 46 ferro-balls each.

4-27-21, Part B.R. at 4300'. Part at 2700-2736 4 1/2 feet. Water traced w/38,000 gal. water, 40,000 sand. Plugs 1500 psi, max. pr. 1500 psi, avg. tr. pr. 1000 psi, I.R. 59.5 ft. Dropped 2400 gal.

From the above it is seen that the well is 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 "struck" or left in the well, give its size and location. If the well has been dynamited, give date, 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.

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