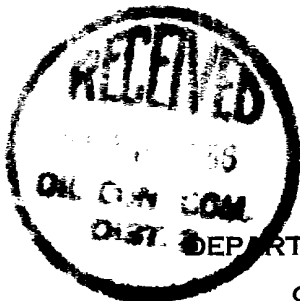


A blank grid paper with a small 'X' mark in the bottom-left corner. The grid consists of 10 columns and 8 rows. The 'X' is located at the intersection of the first column and the second row from the bottom.

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079305
LEASE OR PERMIT TO PROSPECT _____
14-00-001-1051

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
Lessor or Tract San Juan 20-6 Unit Field Blanco State New Mexico
Well No. 04 Sec. 14 T. 27N R. 6W Meridian NMPM County Rio Arriba
Location 990 ft. [N] of 3 Line and 990 ft. [E] of W Line of Section 14 Elevation 6481 (feet, from 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.

Date June 21, 1998 Signed _____ Title Petroleum Engineer

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

Commenced drilling 5-14-50, 1950 Finished drilling 5-25-50, 1950

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3100 to 3215 (E) No. 4, from 5375 to 5500 (J)
No. 2, from 4840 to 4970 (G) No. 5, from _____ to _____
No. 3, from 4970 to 5375 (C) 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. . .	S. U. .	162'	Howco				Surface
7 5/8"	26.4#	G. RD	J-55	3250'	Baker				Intermediate
5 1/2"	15.5#	C. RD	J-55	9587'	Baker				Prod. Ch.
2"	4.7#	G. RD	J-55	5508'					Prod. Plug.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	175'	150	Circulated		
7 5/8"	3260'	250	Single Stage		
5 1/2"	5577'	150	Single Stage		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material	Size
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SHOOTING RECORD

[illegible]

TOOLS USED

We Drilled

Rotary tools were used from feet to 3260 feet, and from 3260 feet to 5577 feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

_____ 1-2-5 _____, 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 4,374,000 A.C.F. 3529 AC/F/D. Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1065-----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2424	2424	Tan to gry cr-grn ss interbedded w/gry sn.
2424	2613	189	Ojo Alamo ss. White cr-grn s.
2613	2970	357	Kirtland form. Gry sn interbedded w/light gry fine-grn ss.
2970	3166	190	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3166	3216	50	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3216	4840	1622	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4840	4970	130	Cliff House ss. Gry, fine-grn, dense sil ss.
4970	5375	405	Menefee form. Gry, fine-grn s, carb sn & coal.
5375	5500	125	Point Lookout form. Gry, very fine sil ss w/frequent sn breaks.
5500	5577	77	Mances formation. Gry carb sh.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

16--43094-2 U. S. GOVERNMENT PRINTING OFFICE

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.

5-29-56 C.O. to 5550'. Perforated at 5376-90, 5416-34, 5455-66.

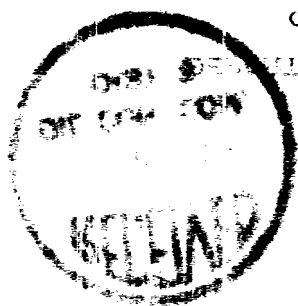
Fractured with 60,400 gallons water and 60,000# sand. Flushed with 5000 gallons water. Injection rate 57.5 BPM. All pressures 1500#.

Set B.P. at 5000'. Perforated 484-98, 4906-20, 4934-53.

Fraced with 61,400 allons water and 60,000# sand. Flashed with 5000 allons water.
Injection rate 52 BPM. Maximum pressure 1800#, average pressure 1650#.

Set B.P. at 4870'. Perforated 4792-4804, 4814-4824.

Fractured with 60,000 allons water and 60,000 sand. Flushed with 5000 gallons water. Maximum and Breakdown pressure 3000#. Average pressure 2250#. Injection rate 40 BPM.



CHIEF OF POLICE
LAWRENCE, IOWA
CHIEF OF POLICE

[illegible]