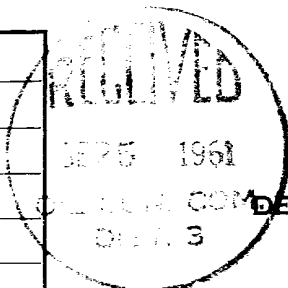


A grid of graph paper with a bold black 'X' mark at the bottom left.



U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078840
LEASE OR PERMIT TO PROSPECT _____

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 990, Farmington, New Mexico
Lessor or Tract San Juan 28-7 Unit Field So. Blanco P. C. State New Mexico
Well No. 122 Sec. 18 T. 27-NR. 7-W Meridian N.M.P.M. County Rio Arriba
Location 790 ft. N. of S. Line and 1850 ft. E. of W. Line of Section 18 Elevation 6550
~~XXX~~ ~~XXX~~ (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 R. S. MILLER

Date August 30, 1961 Title Petroleum Engineer

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

Commenced drilling 7-8-, 19 61 Finished drilling 7-20-, 19 61

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~2881~~ ²⁸⁸¹ to ~~2985 (G)~~ ^{2985 (G)} 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—	
8 5/8"	4.1	8 rd	J-55	2981	CRST				Surface
2 7/8"	4.7	10 rd	J-55	2981	Baker				Intermediate

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8 5/8 ^u	105	140	circulated		
	2 7/8 ^u	2991	150	single stage		

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
2905-11	Frac Pictured Cliffs w/27,384 gal water, 25,000# sand. Flush w/1000gal water.					
2914-20;	Injection rate 19.3 BPM. Max pr 3600#, BDP 2900#, tr pr 3400. 2 drops					
2922-28;	of 24 balls.					

TOOLS USED

Rotary tools were used from 110 feet to 2992 feet, and from _____ feet to _____ feet.

Cable tools were used from 0 feet to 110 feet, and from _____ feet to _____ feet.

DATES

S.I. 8-6-....., 1961 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 1,583,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. ----- 830 ----- A. O. F. 1635 MCT/n

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2066	2066	Tan to gry cr-grn ss interbedded w/gry sh.
2066	2177	111	Ojo Alamo ss. White cr-grn s.
2177	2625	448	Kirtland form. Gry sh interbedded w/tight gry & fine-grn ss.
2625	2884	259	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2884	2985	101	Pictured Cliffs forms. Gry, fine-grn, tight, varicolored soft ss.
2985	2992	7	Lewis form. Gry, fine-grn, dense sil ss.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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 "slacked" 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.

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