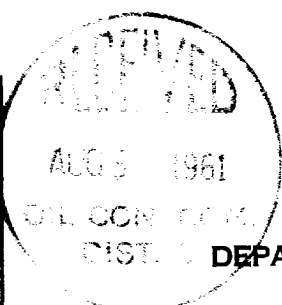


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U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078913
LEASE OR PERMIT TO PROSPECT _____

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 Lindrith Unit Field So. Blanco Pictures State New Mexico
 Well No. 39 Sec. 16 T. 24-N. R. 3-W Meridian N.M.P.M. County Cliffs Rio Arriba
 Location 800 ft. (N) of N Line and 990 ft. (E) of E Line of Section 16 Elevation 6900'
(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. Original Signed _____

Date August 4, 1961 Title Petroleum Engineer

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

Commenced drilling 6-12-, 1961 Finished drilling 6-26-, 1961

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from ~~3074~~ to ~~3120 (6)~~ 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. 2, from _____ to _____

No. 3, 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"	6.4	8 rd	J-55	3140	Baker				Surface
2 7/8"	6.4	8 rd	J-55	3140	Baker				Prod tubing

MUDDING AND CEMENTING RECORD

	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
MARK	8 5/8"	96	140	circulated		
	2 7/8"	3150	140	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
3078-84, 3098-96; 3110-3116;		Water fraced Pictured Cliffs	w/30,129 gallons water, 25,000# sand.			
		Flush w/307 gal water. I.R. 1805 gpm. Max pr 3400#, DR 2800#, Tr pr 2800#, 2800#. Dropped 1 set of 24 balls. 1 of 6				

TOOLS USED

Rotary tools were used from 0 feet to 3158 feet, and from _____ feet to _____ feet.

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

DATES

8.1. 7-14-61, 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 5,091,000 Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. 777----- A.O.I. 8685 MCF/D

EMPLOYEES

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

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2614	2614	Tan to gry cr-grn ss interbedded w/gry sh.
2614	2795	181	Ojo Alamo ss. White cr-grn s.
2795	2912	117	Kirtland form. (gry sh interbedded w/tight gry fine-grn ss.
2912	3074	162	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3074	3120	46	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3120	3158	38	Lewis form. Gry, fine-grn, dense sil ss.

