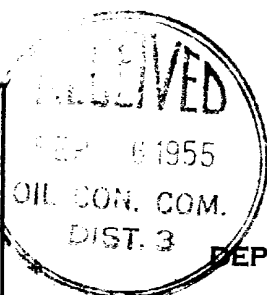


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U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **078840**
LEASE OR PERMIT TO PROSPECT
..... **14-08-001-459**

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 28-7 Unit Field So. Blanco P.C. State New Mexico
 Well No. 40 Sec. 15 T. 27N R. 7W Meridian NMPM County Rio Arriba
 Location 1650 ft. S. of N. Line and 950 ft. W. of E. Line of Section 18 Elevation 5598

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 W. F. Covert

Date August 4, 1955 Title Petroleum Engineer

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

Commenced drilling June 15, 1955 Finished drilling June 27 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3000 to 3065 (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 casting	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
9 5/8"	25.4#	P.M.	S.H.	121'	Howco				Surface
5 1/2"	15.50	3 RD	J-55	2991'	Howco				Prod. Csg.
1"	1.68	10 RD	Std. Blk.	3045'					Prod. Tbg.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	133'	100	Circulated		
5 1/2"	3001'	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
		See Well History				

TOOLS USED

Rotary tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

Cable tools were used from 3001 feet to 3065 feet, and from _____ feet to _____ feet

DATES

June 29, 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 216,000..... Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. ----- 97⁴-----

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1202	1202	Tan cr-grn ss w/thin sh breaks.
1202	1720	518	Variegated sh w/thin ss breaks.
1720	2235	715	Tan to gry cr-grn ss interbedded w/gry sh.
2235	2268	33	Ojo Alamo ss. White cr-grn s.
2268	2746	478	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2746	3000	254	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
3000	3065 T.D.	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL.

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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.

June 28, 1955. Total Depth 3065'. Sandoil Pictured Cliffs, interval treated 3001' - 3065'. Treatment 8000 gallons #2 diesel oil, 11,100# regular sand and 500# Adomite. Breakdown pressure 2750 psi, Maximum treating pressure 1.00 psi, minimum treating pressure 750 psi. Injection rate 37.3 bbls./min. Flush 3000 gallons. Natural gage TSIM.

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1992-1993

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