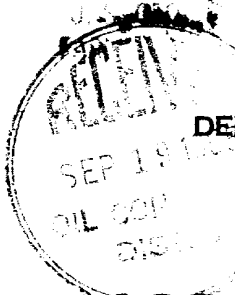


LOCATE WELL CORRECTLY

RECEIVED

SEP 1 1955

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 078840
LEASE OR PERMIT TO PROSPECT 14-08-001-459UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

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. 41 Sec. 19 T2N R.7W Meridian NMPM County Rio Arriba
Location 990 ft. S. of N. Line and 990 ft. W. of E. Line of Section 19 Elevation 6643'
(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 G. F. DullockDate August 31, 1955 Title Petroleum Engineer

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

Commenced drilling June 9, 1955 Finished drilling June 23, 1955

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2975 to 3040 T.D. (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—	
9 5/8"	25.4#	8 E.	S.W.	121'	Howco				Surface
5 1/2"	15.5#	8 E.	J-55	2068'	Howco				Prod. Log.
1"	1.68#	10 E.D.	Std. Blk.	3022'					Prod. Log.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	132'	100	Circulated		
5 1/2"	2978'	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 0 feet to 2978 feet, and from _____ feet to _____ feetCable tools were used from 2978 feet to 3040 feet, and from _____ feet to _____ feet

DATES

_____ June 24, 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 846,000 Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. 851

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	973	973	Tan cr-grn ss w/thin sh breaks.
973	1558	585	Variegated sh w/thin ss breaks.
1558	2158	600	Tan to gry cr-grn ss interbedded w/gry sh.
2158	2270	112	Ojo Alamo ss. White cr-grn s.
2270	2722	452	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2722	2975	253	Fruitland form. Gry carb sh, scattered coals coals and gry, tight, fine-grn ss.
2975	3040 T.D.	65	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft 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 "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 23, 1955, T.D. 3040'. Sandoil Pictured Cliffs. Interval treated 2980' - 3040'. Treatment 6,860 gallons No. 2 diesel oil, 14,000# regular sand, and 500# Adomite. Breakdown pressure 1500 psi, maximum and minimum treating pressure 1200 psi. Injection rate 32.5 bbls./min. Flush with 3150 gallons. Natural gage 41 MCF/D.

FINANCIAL POLICY: 100%

011 08 07 2110 06 30470

TOP SECRET

2020-2021 10.11.21

DEVELOPMENT OF THE...

RECEIVED JUL 1990

DATE	DESCRIPTION	AMOUNT	BALANCE
1900			
1901			
1902			
1903			
1904			
1905			
1906			
1907			
1908			
1909			
1910			
1911			
1912			
1913			
1914			
1915			
1916			
1917			
1918			
1919			
1920			
1921			
1922			
1923			
1924			
1925			
1926			
1927			
1928			
1929			
1930			
1931			
1932			
1933			
1934			
1935			
1936			
1937			
1938			
1939			
1940			
1941			
1942			
1943			
1944			
1945			
1946			
1947			
1948			
1949			
1950			
1951			
1952			
1953			
1954			
1955			
1956			
1957			
1958			
1959			
1960			
1961			
1962			
1963			
1964			
1965			
1966			
1967			
1968			
1969			
1970			
1971			
1972			
1973			
1974			
1975			
1976			
1977			
1978			
1979			
1980			
1981			
1982			
1983			
1984			
1985			
1986			
1987			
1988			
1989			
1990			
1991			
1992			
1993			
1994			
1995			
1996			
1997			
1998			
1999			
2000			
2001			
2002			
2003			
2004			
2005			
2006			
2007			
2008			
2009			
2010			
2011			
2012			
2013			
2014			
2015			
2016			
2017			
2018			
2019			
2020			
2021			
2022			
2023			
2024			
2025			
2026			