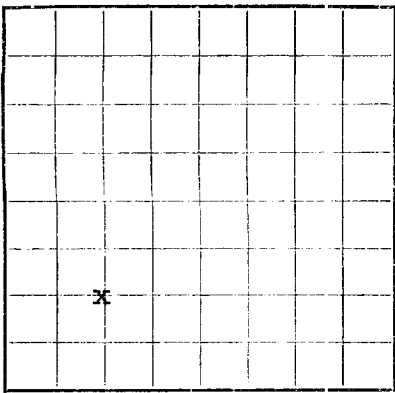


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079947-A
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Co. Address 3-D.J. Simmons Farmington, N.M.
Lessor or Tract Grubbling Field Blanco State New Mex.
Well No. D-1 Sec. 31 T. 29N R. 9W Meridian N.M.P.M. County San Juan
Location 1190 ft. N. of S Line and 1090 ft. E. of W. Line of Sec. 34 Elevation 5797.70
(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.

Date Jan. 8, 1953 Signed Ashton B. Geren, Jr.
Title Assistant to D.J. Simmons
Lease transfer from El Paso Nat. to D.J.S. in process.

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

Commenced drilling June 8, 1952, 19____ Finished drilling Nov. 16, 1952, 19____

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 3850 to 3990 gas No. 4, from _____ to _____
No. 2, from 4420 to 4610 gas 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	32	8	J&L	150	Plain				
7	23	8	J&L	3776	Tex. P.				
2 3/8	4.7	8	J&L	4660			4630	4635	Production

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8	150	150	Plug	—	
7	3776	300	Plug	9.4 50	300

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
3 1/2-4 1/2	20-30 Ct.	SNG-Nitro	2230 Cts.	11-18-52	3815 to	4672 T.D.

TOOLS USED

Rotary tools were used from Ground feet to 3776 feet, and from _____ feet to _____ feet
Casing tools were used from 3776 feet to 4672 feet, and from _____ feet to _____ feet

DATES

Dec. 28, 1952, 19____ Put to producing Dec. 24, 1952, 19____
Nov. 28, 1952
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 768 MCF Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 762#

EMPLOYEES

R.K. Stribling, Driller B.A. Laffitte, Driller
Chas. Faltesek, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	90	90	Sd
90	477	387	Sd
477	660	183	Sd & sh
660	1071	411	Sd
1071	1175	104	Sd & sh
1175	1287	112	Sd
1287	1550	63	Hard Sd
1550	1944	594	Sd
1944	2033	89	Sh
2033	2090	57	Sh
2090	2170	80	Sd & Sh Pictured Cliff Fm.
2170	3776	606	Sh
3776	4672 T.D.	896	Sd & Sh Mesa Verde
			Geologic Tops from Log. 2090 to 2170 Pictured Cliff 2170 to 3850 Lewis Shale 3850 to 3990 Cliffhouse gas sd. 3990 to 4420 Menefee Sh. 4420 to 4610 Point Lookout gas sd. 4610 to 4672 Mancos sh.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20240

10-43003-2 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.

HISTORY OF OIL OR GAS WELL			
DATE	DESCRIPTION OF WORK	REASON FOR WORK	RESULTS
1910-10-15	Drilled to 100 feet	Initial drilling	Oil discovered at 75 feet
1911-05-01	Redrilled to 150 feet	Increased production	Oil discovered at 125 feet
1912-03-10	Installed pump	Automated production	Increased output
1913-08-20	Reamed out	Clearing wellbore	Improved flow
1914-11-05	Installed plug	Sealing leak	Reduced water production
1915-06-15	Drilled to 200 feet	Further exploration	Oil discovered at 175 feet
1916-02-28	Installed casing	Well protection	Stabilized production
1917-09-10	Reamed out	Well maintenance	Improved efficiency
1918-04-01	Installed pump	Automated production	Increased output
1919-12-15	Reamed out	Well maintenance	Improved efficiency
1920-07-01	Installed plug	Sealing leak	Reduced water production
1921-03-10	Drilled to 250 feet	Further exploration	Oil discovered at 225 feet
1922-11-20	Installed casing	Well protection	Stabilized production
1923-08-05	Reamed out	Well maintenance	Improved efficiency
1924-05-15	Installed pump	Automated production	Increased output
1925-10-01	Reamed out	Well maintenance	Improved efficiency
1926-06-10	Installed plug	Sealing leak	Reduced water production
1927-02-20	Drilled to 300 feet	Further exploration	Oil discovered at 275 feet
1928-09-05	Installed casing	Well protection	Stabilized production
1929-04-15	Reamed out	Well maintenance	Improved efficiency
1930-11-01	Installed pump	Automated production	Increased output
1931-07-10	Reamed out	Well maintenance	Improved efficiency
1932-03-20	Installed plug	Sealing leak	Reduced water production
1933-10-05	Drilled to 350 feet	Further exploration	Oil discovered at 325 feet
1934-06-15	Installed casing	Well protection	Stabilized production
1935-12-01	Reamed out	Well maintenance	Improved efficiency
1936-08-10	Installed pump	Automated production	Increased output
1937-04-20	Reamed out	Well maintenance	Improved efficiency
1938-11-05	Installed plug	Sealing leak	Reduced water production
1939-07-15	Drilled to 400 feet	Further exploration	Oil discovered at 375 feet
1940-03-25	Installed casing	Well protection	Stabilized production
1941-10-10	Reamed out	Well maintenance	Improved efficiency
1942-06-20	Installed pump	Automated production	Increased output
1943-02-05	Reamed out	Well maintenance	Improved efficiency
1944-09-15	Installed plug	Sealing leak	Reduced water production
1945-05-25	Drilled to 450 feet	Further exploration	Oil discovered at 425 feet
1946-11-10	Installed casing	Well protection	Stabilized production
1947-07-20	Reamed out	Well maintenance	Improved efficiency
1948-03-05	Installed pump	Automated production	Increased output
1949-10-15	Reamed out	Well maintenance	Improved efficiency
1950-06-25	Installed plug	Sealing leak	Reduced water production
1951-02-10	Drilled to 500 feet	Further exploration	Oil discovered at 475 feet
1952-09-20	Installed casing	Well protection	Stabilized production
1953-05-05	Reamed out	Well maintenance	Improved efficiency
1954-12-15	Installed pump	Automated production	Increased output
1955-08-25	Reamed out	Well maintenance	Improved efficiency
1956-04-10	Installed plug	Sealing leak	Reduced water production
1957-11-20	Drilled to 550 feet	Further exploration	Oil discovered at 525 feet
1958-07-05	Installed casing	Well protection	Stabilized production
1959-03-15	Reamed out	Well maintenance	Improved efficiency
1960-10-25	Installed pump	Automated production	Increased output
1961-06-10	Reamed out	Well maintenance	Improved efficiency
1962-02-20	Installed plug	Sealing leak	Reduced water production
1963-09-05	Drilled to 600 feet	Further exploration	Oil discovered at 575 feet
1964-05-15	Installed casing	Well protection	Stabilized production
1965-11-25	Reamed out	Well maintenance	Improved efficiency
1966-07-10	Installed pump	Automated production	Increased output
1967-03-20	Reamed out	Well maintenance	Improved efficiency
1968-10-05	Installed plug	Sealing leak	Reduced water production
1969-06-15	Drilled to 650 feet	Further exploration	Oil discovered at 625 feet
1970-12-25	Installed casing	Well protection	Stabilized production
1971-08-10	Reamed out	Well maintenance	Improved efficiency
1972-04-20	Installed pump	Automated production	Increased output
1973-11-05	Reamed out	Well maintenance	Improved efficiency
1974-07-15	Installed plug	Sealing leak	Reduced water production
1975-03-25	Drilled to 700 feet	Further exploration	Oil discovered at 675 feet
1976-10-10	Installed casing	Well protection	Stabilized production
1977-06-20	Reamed out	Well maintenance	Improved efficiency
1978-02-05	Installed pump	Automated production	Increased output
1979-09-15	Reamed out	Well maintenance	Improved efficiency
1980-05-25	Installed plug	Sealing leak	Reduced water production
1981-01-10	Drilled to 750 feet	Further exploration	Oil discovered at 725 feet
1982-08-20	Installed casing	Well protection	Stabilized production
1983-04-05	Reamed out	Well maintenance	Improved efficiency
1984-11-15	Installed pump	Automated production	Increased output
1985-07-25	Reamed out	Well maintenance	Improved efficiency
1986-03-10	Installed plug	Sealing leak	Reduced water production
1987-10-20	Drilled to 800 feet	Further exploration	Oil discovered at 775 feet
1988-06-05	Installed casing	Well protection	Stabilized production
1989-12-15	Reamed out	Well maintenance	Improved efficiency
1990-08-25	Installed pump	Automated production	Increased output
1991-04-10	Reamed out	Well maintenance	Improved efficiency
1992-11-20	Installed plug	Sealing leak	Reduced water production
1993-07-05	Drilled to 850 feet	Further exploration	Oil discovered at 825 feet
1994-03-15	Installed casing	Well protection	Stabilized production
1995-10-25	Reamed out	Well maintenance	Improved efficiency
1996-06-10	Installed pump	Automated production	Increased output
1997-02-20	Reamed out	Well maintenance	Improved efficiency
1998-09-05	Installed plug	Sealing leak	Reduced water production
1999-05-15	Drilled to 900 feet	Further exploration	Oil discovered at 875 feet
2000-11-25	Installed casing	Well protection	Stabilized production
2001-07-10	Reamed out	Well maintenance	Improved efficiency
2002-03-20	Installed pump	Automated production	Increased output
2003-10-05	Reamed out	Well maintenance	Improved efficiency
2004-06-15	Installed plug	Sealing leak	Reduced water production
2005-02-25	Drilled to 950 feet	Further exploration	Oil discovered at 925 feet
2006-09-10	Installed casing	Well protection	Stabilized production
2007-05-20	Reamed out	Well maintenance	Improved efficiency
2008-12-05	Installed pump	Automated production	Increased output
2009-08-15	Reamed out	Well maintenance	Improved efficiency
2010-04-25	Installed plug	Sealing leak	Reduced water production
2011-11-10	Drilled to 1000 feet	Further exploration	Oil discovered at 975 feet
2012-07-20	Installed casing	Well protection	Stabilized production
2013-03-05	Reamed out	Well maintenance	Improved efficiency
2014-10-15	Installed pump	Automated production	Increased output
2015-06-25	Reamed out	Well maintenance	Improved efficiency
2016-02-10	Installed plug	Sealing leak	Reduced water production
2017-09-20	Drilled to 1050 feet	Further exploration	Oil discovered at 1025 feet
2018-05-05	Installed casing	Well protection	Stabilized production
2019-11-15	Reamed out	Well maintenance	Improved efficiency
2020-07-25	Installed pump	Automated production	Increased output
2021-03-10	Reamed out	Well maintenance	Improved efficiency
2022-10-20	Installed plug	Sealing leak	Reduced water production
2023-06-05	Drilled to 1100 feet	Further exploration	Oil discovered at 1075 feet
2024-02-15	Installed casing	Well protection	Stabilized production
2025-09-25	Reamed out	Well maintenance	Improved efficiency
2026-05-10	Installed pump	Automated production	Increased output
2027-11-20	Reamed out	Well maintenance	Improved efficiency
2028-07-05	Installed plug	Sealing leak	Reduced water production
2029-03-15	Drilled to 1150 feet	Further exploration	Oil discovered at 1125 feet
2030-10-25	Installed casing	Well protection	Stabilized production
2031-06-10	Reamed out	Well maintenance	Improved efficiency
2032-12-20	Installed pump	Automated production	Increased output
2033-08-05	Reamed out	Well maintenance	Improved efficiency
2034-04-15	Installed plug	Sealing leak	Reduced water production
2035-11-25	Drilled to 1200 feet	Further exploration	Oil discovered at 1175 feet
2036-07-10	Installed casing	Well protection	Stabilized production
2037-03-20	Reamed out	Well maintenance	Improved efficiency
2038-10-05	Installed pump	Automated production	Increased output
2039-06-15	Reamed out	Well maintenance	Improved efficiency
2040-02-25	Installed plug	Sealing leak	Reduced water production
2041-09-10	Drilled to 1250 feet	Further exploration	Oil discovered at 1225 feet
2042-05-20	Installed casing	Well protection	Stabilized production
2043-11-05	Reamed out	Well maintenance	Improved efficiency
2044-07-15	Installed pump	Automated production	Increased output
2045-03-25	Reamed out	Well maintenance	Improved efficiency
2046-10-05	Installed plug	Sealing leak	Reduced water production
2047-06-15	Drilled to 1300 feet	Further exploration	Oil discovered at 1275 feet
2048-12-25	Installed casing	Well protection	Stabilized production
2049-08-10	Reamed out	Well maintenance	Improved efficiency
2050-04-20	Installed pump	Automated production	Increased output
2051-11-05	Reamed out	Well maintenance	Improved efficiency
2052-07-15	Installed plug	Sealing leak	Reduced water production
2053-03-25	Drilled to 1350 feet	Further exploration	Oil discovered at 1325 feet
2054-10-05	Installed casing	Well protection	Stabilized production
2055-06-15	Reamed out	Well maintenance	Improved efficiency
2056-02-25	Installed pump	Automated production	Increased output
2057-09-10	Reamed out	Well maintenance	Improved efficiency
2058-05-20	Installed plug	Sealing leak	Reduced water production
2059-11-05	Drilled to 1400 feet	Further exploration	Oil discovered at 1375 feet
2060-07-15	Installed casing	Well protection	Stabilized production
2061-03-25	Reamed out	Well maintenance	Improved efficiency
2062-10-05	Installed pump	Automated production	Increased output
2063-06-15	Reamed out	Well maintenance	Improved efficiency
2064-02-25	Installed plug	Sealing leak	Reduced water production
2065-09-10	Drilled to 1450 feet	Further exploration	Oil discovered at 1425 feet
2066-05-20	Installed casing	Well protection	Stabilized production
2067-11-05	Reamed out	Well maintenance	Improved efficiency
2068-07-15	Installed pump	Automated production	Increased output
2069-03-25	Reamed out	Well maintenance	Improved efficiency
2070-10-05	Installed plug	Sealing leak	Reduced water production
2071-06-15	Drilled to 1500 feet	Further exploration	Oil discovered at 1475 feet
2072-12-25	Installed casing	Well protection	Stabilized production
2073-08-10	Reamed out	Well maintenance	Improved efficiency
2074-04-20	Installed pump	Automated production	Increased output
2075-11-05	Reamed out	Well maintenance	Improved efficiency
2076-07-15	Installed plug	Sealing leak	Reduced water production
2077-03-25	Drilled to 1550 feet	Further exploration	Oil discovered at 1525 feet
2078-10-05	Installed casing	Well protection	Stabilized production
2079-06-15	Reamed out	Well maintenance	Improved efficiency
2080-02-25	Installed pump	Automated production	Increased output
2081-09-10	Reamed out	Well maintenance	Improved efficiency
2082-05-20	Installed plug	Sealing leak	Reduced water production
2083-11-05	Drilled to 1600 feet	Further exploration	Oil discovered at 1575 feet
2084-07-15	Installed casing	Well protection	Stabilized production
2085-03-25	Reamed out	Well maintenance	Improved efficiency
2086-10-05	Installed pump	Automated production	Increased output
2087-06-15	Reamed out	Well maintenance	Improved efficiency
2088-02-25	Installed plug	Sealing leak	Reduced water production
2089-09-10	Drilled to 1650 feet	Further exploration	Oil discovered at 1625 feet
2090-05-20	Installed casing	Well protection	Stabilized production
2091-11-05	Reamed out	Well maintenance	Improved efficiency
2092-07-15	Installed pump	Automated production	Increased output
2093-03-25	Reamed out	Well maintenance	Improved efficiency
2094-10-05	Installed plug	Sealing leak	Reduced water production
2095-06-15	Drilled to 1700 feet	Further exploration	Oil discovered at 1675 feet
2096-12-25	Installed casing	Well protection	Stabilized production
2097-08-10	Reamed out	Well maintenance	Improved efficiency
2098-04-20	Installed pump	Automated production	Increased output
2099-11-05	Reamed out	Well maintenance	Improved efficiency
2100-07-15	Installed plug	Sealing leak	Reduced water production