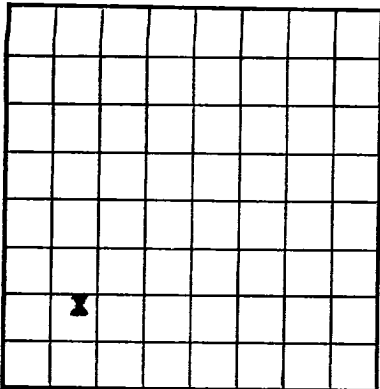


Form 9-Section 27

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 077833
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 997, Farmington, New Mexico
Lessor or Tract Manafield Field Blanco-La Plata State New Mexico
Well No. 1 Sec. 29 T. 30N R. 9E Meridian N. M. P. M. County San Juan
Location 790 ft. (N) of 3 Line and 1190 ft. (E) of N Line of Section 29 Elevation 551
(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 July 28, 1952 Signed L. F. Stone
Title Petroleum Engineer

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

Commenced drilling April 17, 19 52 Finished drilling June 19, 19 52

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

No. 1, from 4178 to 4918 (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 1395 to 1462 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—	
<u>9-5/8"</u>	<u>25.4</u>	<u>Armed Spiral Weld</u>	<u>162</u>	<u>Armed</u>					<u>Surface</u>
<u>7"</u>	<u>22</u>	<u>8</u>	<u>8135</u>	<u>8135</u>					<u>Production</u>
<u>2 1/2"</u>	<u>4.7</u>	<u>8</u>	<u>Young</u>	<u>4922</u>	<u>Perf. Joint</u>	<u>4392</u>	<u>4392</u>	<u>4922</u>	<u>Prod. Tubing</u>

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>174'</u>	<u>110</u>	<u>Single</u>		
<u>7"</u>	<u>4145'</u>	<u>300</u>	<u>Single</u>		

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
<u>Qt.</u>	<u>Reg.</u>	<u>A.N.G.</u>	<u>1725</u>	<u>6-20</u>	<u>4180-4950</u>	<u>4950</u>

TOOLS USED

Gas Circulation

Rotary tools were used from 0 feet to 4145 feet, and from 4145 feet to 4954 feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

July 14, 1952 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 4,710,000 Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 1071 psig

EMPLOYEES

Winnett, Driller Forshee, Driller
French, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>472</u>	<u>472</u>	<u>Tan coarse-grained ss. w/thin shale breaks.</u>
<u>472</u>	<u>587</u>	<u>415</u>	<u>Variog. shales w/thin ss. breaks.</u>
<u>587</u>	<u>1395</u>	<u>508</u>	<u>Tan to gray coarse-grained ss. interbedded w/gray shales.</u>
<u>1395</u>	<u>1462</u>	<u>67</u>	<u>0/10 Alamo ss. White coarse-grained sand. T/0/10 Alamo 1395.</u>
<u>1462</u>	<u>2200</u>	<u>738</u>	<u>Kirtland fm. Gray shale interbedded w/tight gray fine-grained ss. T/Kirtland 1462.</u>
<u>2200</u>	<u>2561</u>	<u>361</u>	<u>Fruitland fm. Gray carb. shales, scattered coals and gray, tight, fine-grained ss. T/Fruitland 2200.</u>
<u>2561</u>	<u>2648</u>	<u>87</u>	<u>Pictured Cliffs fm. Gray, fine-grained, tight, varicolored soft ss. T/Pictured Cliffs 2561.</u>
<u>2648</u>	<u>4178</u>	<u>1530</u>	<u>Lewis fm. Gray to white dense shale w/silty to shaly ss. breaks. T/Lewis 2648.</u>
<u>4178</u>	<u>4344</u>	<u>166</u>	<u>Cliff House ss. Gray, fine-grained, dense sil. ss. T/Cliff House 4178.</u>
<u>4344</u>	<u>4784</u>	<u>440</u>	<u>Manefee fm. Gray, fine-grained sands, carb. shales and coal. T/Manefee 4344.</u>
<u>4784</u>	<u>4918</u>	<u>134</u>	<u>Point Lookout fm. Gray, very fine sil. ss. w/frequent shale breaks. T/Point Lookout 4784.</u>
<u>4918</u>	<u>4954 T.D.</u>	<u>36</u>	<u>Mancos fm. Gray carb. shale. T/Mancos 4918.</u>

PLEASE OR PERMIT TO PROSPECT
GENERAL MEMBER
F. E. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

[illegible]

Date _____
 Title _____
 Signed _____
 The information given herewith is a complete and correct record of the well and all work done thereon
 as far as can be determined from all available records.
 Original Signed _____
 Location {ft. {N. of _____ Line and _____ E. of _____ Line of _____
 Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____
 Lessor or Trust _____
 Company _____
 Address _____

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

Commenced drilling		Finished drilling	
Year	Feet	Year	Feet
1901	100	1901	100
1902	100	1902	100
1903	100	1903	100
1904	100	1904	100
1905	100	1905	100
1906	100	1906	100
1907	100	1907	100
1908	100	1908	100
1909	100	1909	100
1910	100	1910	100
1911	100	1911	100
1912	100	1912	100
1913	100	1913	100
1914	100	1914	100
1915	100	1915	100
1916	100	1916	100
1917	100	1917	100
1918	100	1918	100
1919	100	1919	100
1920	100	1920	100
1921	100	1921	100
1922	100	1922	100
1923	100	1923	100
1924	100	1924	100
1925	100	1925	100
1926	100	1926	100
1927	100	1927	100
1928	100	1928	100
1929	100	1929	100
1930	100	1930	100
1931	100	1931	100
1932	100	1932	100
1933	100	1933	100
1934	100	1934	100
1935	100	1935	100
1936	100	1936	100
1937	100	1937	100
1938	100	1938	100
1939	100	1939	100
1940	100	1940	100
1941	100	1941	100
1942	100	1942	100
1943	100	1943	100
1944	100	1944	100
1945	100	1945	100
1946	100	1946	100
1947	100	1947	100
1948	100	1948	100
1949	100	1949	100
1950	100	1950	100
1951	100	1951	100
1952	100	1952	100
1953	100	1953	100
1954	100	1954	100
1955	100	1955	100
1956	100	1956	100
1957	100	1957	100
1958	100	1958	100
1959	100	1959	100
1960	100	1960	100
1961	100	1961	100
1962	100	1962	100
1963	100	1963	100
1964	100	1964	100
1965	100	1965	100
1966	100	1966	100
1967	100	1967	100
1968	100	1968	100
1969	100	1969	100
1970	100	1970	100
1971	100	1971	100
1972	100	1972	100
1973	100	1973	100
1974	100	1974	100
1975	100	1975	100
1976	100	1976	100
1977	100	1977	100
1978	100	1978	100
1979	100	1979	100
1980	100	1980	100
1981	100	1981	100
1982	100	1982	100
1983	100	1983	100
1984	100	1984	100
1985	100	1985	100
1986	100	1986	100
1987	100	1987	100
1988	100	1988	100
1989	100	1989	100
199			

OIL OR GAS SANDS OR ZONES

(D) yd ang store(D)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2. from _____ to _____ No. 3. from _____ to _____

No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 1951 to 1953 No. 2, from 1954 to 1956

No. 3. from No. 4. from of

CASING RECORD

Line	Account	Amount	Kind of shoe	Cut and pulled from	Remarks	Purpose
1	...	...	...	...	...	...

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, log boring with the reasons for the work and the results. If large water level changes made in the casing, state fully, and if a 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 AND GAS WELL

10

ENTRADA DIA 20 JUN

Heaving plug-Material	Length	Depth set

..... 9E12 Abstract M—stetqbaA

SHOOTING RECORD

Size	Beam Port	Fluorometer	Conductivity	Salinity	Depth (m)	Depth (feet)

TOOLS USED

Rotary tools were used from _____ to test _____ test to _____ test, and from _____ test to _____ test

1991	to test	most had test	to test	most bear new about side
------	---------	---------------	---------	--------------------------

DATE

19	Put to producing	19	Put to producing
----	------------------	----	------------------

The production for the first 24 hours was ... barrels of fluid of which ... was oil.

.....	% oil		% water; and		% sediment		% oil		% water; and		% sediment
-------	-------	-------	--------------	-------	------------	-------	-------	-------	--------------	-------	------------

11 gas well, out. ft. per 24 hours	1000
Gallons gasoline per 1,000 cu. ft. of gas	1000

EMPLOYMENT

.....
 District
 Division
 Sub-Division
 Taluk
 Panchayat
 Village
 Post Office
 Police Station
 District
 Division
 Sub-Division
 Taluk
 Panchayat
 Village
 Post Office
 Police Station

DATE	TIME	LOCATION	REMARKS
1941	10:00	...	...

FORMATION RECORD

FROM	TO	TOTAL FEET	REMARKS
			EXPLANATION

1. The first of these is the fact that the
 2. the second is the fact that the
 3. the third is the fact that the
 4. the fourth is the fact that the
 5. the fifth is the fact that the
 6. the sixth is the fact that the
 7. the seventh is the fact that the
 8. the eighth is the fact that the
 9. the ninth is the fact that the
 10. the tenth is the fact that the

FORMATION

1875

TOTAL FEET

-OL-

FROM