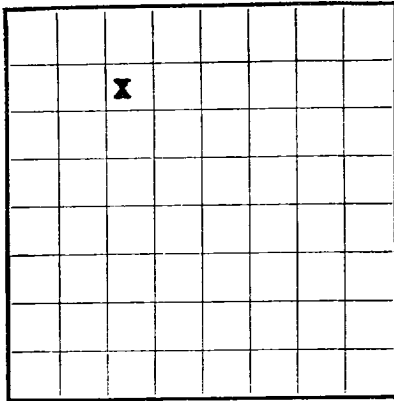


U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **077935**
LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company El Paso Natural Gas Company Address Box 990, Farmington, New Mexico
Lessor or Tract Huerfano Unit Field Wildcat Dakota State New Mexico
Well No. 115 Sec. 12 T. 26-N R. 10-W Meridian N.M.P.M. County San Juan
Location 990 ft. Box of N Line and 1650 ft. [E] of W Line of Sec. 12 Elevation 6658
(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 _____

Date December 6, 1960 Title Petroleum Engineer

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

Commenced drilling 9-19-, 1960 Finished drilling 10-9-, 1960

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 6720 to 6825 (a) No. 4, from _____ to _____
 No. 2, from 6825 to 7008 (a) 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	P.E.	S.W.	881	Barco				surface
7"	23	8 Rd.	J-55	8956	Barco				prod casing
2"	4.7	8 Rd.	J-55	6886					prod tubing

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9 5/8"	291'	300	circulated		
7"	7005'	285	two stages		

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set

Adapters—Material Size

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from -----0----- feet to -----7008----- feet, and from ----- feet to ----- feet
Cable tools were used from ----- feet to ----- feet, and from ----- feet to ----- feet

DATES

~~11-10~~-----, 19~~60~~ 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 **2,874,000**----- Gallons gasoline per 1,000 cu. ft. of gas -----

Rock pressure, lbs. per sq. in. -----1862----- **A.O.F. 3217 MCF/D**

EMPLOYEES

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

FORMATION RECORD

FROM--	TO--	TOTAL FEET	FORMATION
0	1410	1410	Tan to gry cr-grn ss interbedded w/gry sh.
1410	1503	93	Ojo Alamo ss. White cr-grn s.
1503	2096	593	Kirtland form Gry sh interbedded w/tight gry fine-grn ss.
2096	2292	196	Fruitland form Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2292	2391	99	Pictured Cliffs form Gry, fine-grn, tight, varicolored soft ss.
2391	3764	1373	Lewis form. Gry, fine-grn, dense sil ss.
3764	3899	135	Cliff House ss. Gry, fine-grn, dense sil ss
3899	4692	793	Menefee form. Gry, fine-grn s, carb sh & coal.
4692	4930	238	Point Lockout form. Gry, very fine sil ss w/ frequent sh breaks.
4930	5735	805	Mancos form. Gry carb sh.
5735	6321	586	Gallup form. Lt gry to brn calc carb mcac glauco very fine gry ss w/irreg. interbed sh.
6321	6664	343	Sanostee form. Dk gry calc very fine to fine gry ss w/calc veins w/irreg inter dk gry s
6664	6720	56	Greenhorn form Highly calc gry sh w/thin lmt
6720	6825	105	Graneros form. Dk gry sh, fossil & carb w/prite incl
6825	7008	183	Dakota form. Lt to dk gry foss carb sl calc sl silty ss w/prite incl thin sh bands clay & shale breaks

724 JOURNAL OF DOCUMENTATION

1970-1971

6740-56; 6768-76; 6768-94; 6828-36; 6842-58; 6862-72; 6864-68; 6874-82; 6092-98; 6146-56; 6160-66; 6170-74; 6211-66; 6211-74; 6211-82; 6211-90; 6211-98; 6211-106; 6211-114; 6211-122; 6211-130; 6211-138; 6211-146; 6211-154; 6211-162; 6211-170; 6211-178; 6211-186; 6211-194; 6211-202; 6211-210; 6211-218; 6211-226; 6211-234; 6211-242; 6211-250; 6211-258; 6211-266; 6211-274; 6211-282; 6211-290; 6211-298; 6211-306; 6211-314; 6211-322; 6211-330; 6211-338; 6211-346; 6211-354; 6211-362; 6211-370; 6211-378; 6211-386; 6211-394; 6211-402; 6211-410; 6211-418; 6211-426; 6211-434; 6211-442; 6211-450; 6211-458; 6211-466; 6211-474; 6211-482; 6211-490; 6211-498; 6211-506; 6211-514; 6211-522; 6211-530; 6211-538; 6211-546; 6211-554; 6211-562; 6211-570; 6211-578; 6211-586; 6211-594; 6211-602; 6211-610; 6211-618; 6211-626; 6211-634; 6211-642; 6211-650; 6211-658; 6211-666; 6211-674; 6211-682; 6211-690; 6211-698; 6211-706; 6211-714; 6211-722; 6211-730; 6211-738; 6211-746; 6211-754; 6211-762; 6211-770; 6211-778; 6211-786; 6211-794; 6211-802; 6211-810; 6211-818; 6211-826; 6211-834; 6211-842; 6211-850; 6211-858; 6211-866; 6211-874; 6211-882; 6211-890; 6211-898; 6211-906; 6211-914; 6211-922; 6211-930; 6211-938; 6211-946; 6211-954; 6211-962; 6211-970; 6211-978; 6211-986; 6211-994; 6211-1002; 6211-1010; 6211-1018; 6211-1026; 6211-1034; 6211-1042; 6211-1050; 6211-1058; 6211-1066; 6211-1074; 6211-1082; 6211-1090; 6211-1098; 6211-1106; 6211-1114; 6211-1122; 6211-1130; 6211-1138; 6211-1146; 6211-1154; 6211-1162; 6211-1170; 6211-1178; 6211-1186; 6211-1194; 6211-1202; 6211-1210; 6211-1218; 6211-1226; 6211-1234; 6211-1242; 6211-1250; 6211-1258; 6211-1266; 6211-1274; 6211-1282; 6211-1290; 6211-1298; 6211-1306; 6211-1314; 6211-1322; 6211-1330; 6211-1338; 6211-1346; 6211-1354; 6211-1362; 6211-1370; 6211-1378; 6211-1386; 6211-1394; 6211-1402; 6211-1410; 6211-1418; 6211-1426; 6211-1434; 6211-1442; 6211-1450; 6211-1458; 6211-1466; 6211-1474; 6211-1482; 6211-1490; 6211-1498; 6211-1506; 6211-1514; 6211-1522; 6211-1530; 6211-1538; 6211-1546; 6211-1554; 6211-1562; 6211-1570; 6211-1578; 6211-1586; 6211-1594; 6211-1602; 6211-1610; 6211-1618; 6211-1626; 6211-1634; 6211-1642; 6211-1650; 6211-1658; 6211-1666; 6211-1674; 6211-1682; 6211-1690; 6211-1698; 6211-1706; 6211-1714; 6211-1722; 6211-1730; 6211-1738; 6211-1746; 6211-1754; 6211-1762; 6211-1770; 6211-1778; 6211-1786; 6211-1794; 6211-1802; 6211-1810; 6211-1818; 6211-1826; 6211-1834; 6211-1842; 6211-1850; 6211-1858; 6211-1866; 6211-1874; 6211-1882; 6211-1890; 6211-1898; 6211-1906; 6211-1914; 6211-1922; 6211-1930; 6211-1938; 6211-1946; 6211-1954; 6211-1962; 6211-1970; 6211-1978; 6211-1986; 6211-1994; 6211-2002; 6211-2010; 6211-2018; 6211-2026; 6211-2034; 6211-2042; 6211-2050; 6211-2058; 6211-2066; 6211-2074; 6211-2082; 6211-2090; 6211-2098; 6211-2106; 6211-2114; 6211-2122; 6211-2130; 6211-2138; 6211-2146; 6211-2154; 6211-2162; 6211-2170; 6211-2178; 6211-2186; 6211-2194; 6211-2202; 6211-2210; 6211-2218; 6211-2226; 6211-2234; 6211-2242; 6211-2250; 6211-2258; 6211-2266; 6211-2274; 6211-2282; 6211-2290; 6211-2298; 6211-2306; 6211-2314; 6211-2322; 6211-2330; 6211-2338; 6211-2346; 6211-2354; 6211-2362; 6211-2370; 6211-2378; 6211-2386; 6211-2394; 6211-2402; 6211-2410; 6211-2418; 6211-2426; 6211-2434; 6211-2442; 6211-2450; 6211-2458; 6211-2466; 6211-2474; 6211-2482; 6211-2490; 6211-2498; 6211-2506; 6211-2514; 6211-2522; 6211-2530; 6211-2538; 6211-2546; 6211-2554; 6211-2562; 6211-2570; 6211-2578; 6211-2586; 6211-2594; 6211-2602; 6211-2610; 6211-2618; 6211-2626; 6211-2634; 6211-2642; 6211-2650; 6211-2658; 6211-2666; 6211-2674; 6211-2682; 6211-2690; 6211-2698; 6211-2706; 6211-2714; 6211-2722; 6211-2730; 6211-2738; 6211-2746; 6211-2754; 6211-2762; 6211-2770; 6211-2778; 6211-2786; 6211-2794; 6211-2802; 6211-2810; 6211-2818; 6211-2826; 6211-2834; 6211-2842; 6211-2850; 6211-2858; 6211-2866; 6211-2874; 6211-2882; 6211-2890; 6211-2898; 6211-2906; 6211-2914; 6211-2922; 6211-2930; 6211-2938; 6211-2946; 6211-2954; 6211-2962; 6211-2970; 6211-2978; 6211-2986; 6211-2994; 6211-3002; 6211-3010; 6211-3018; 6211-3026; 6211-3034; 6211-3042; 6211-

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

16-43094-2 U. S. GOVERNMENT PRINTING OFFICE

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