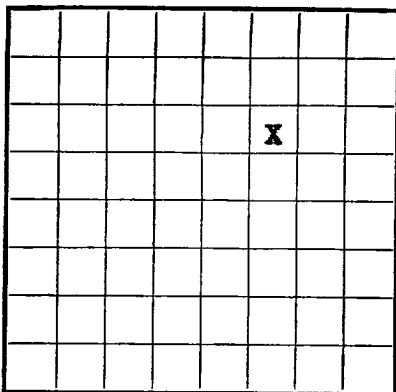
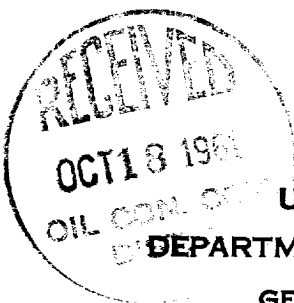




LOCATE WELL CORRECTLY



UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

U. S. LAND OFFICE **Santa Fe**SERIAL NUMBER **080597**

LEASE OR PERMIT TO PROSPECT

LOG OF OIL OR GAS WELL

Company **El Paso Natural Gas Company** Address **Box 990, Farmington, New Mexico**
Lessor or Tract **Gartner** Field **Blanco M. V.** State **New Mexico**
Well No. **2** Sec. **28** T**30-N** R. **8-W** Meridian **N.M.P.M.** County **San Juan**
Location **1650** ft. **XX** of **N** Line and **1500** **XX** of **E** Line of **Section 28** Elevation **6132**
(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 **A.M. SMITH**

Signed

Date **October 16, 1961**Title **Petroleum Engineer**

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

Commenced drilling **8-6-**, 19**51** Finished drilling **10-10-**, 19**51**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from **4555** to **4682** No. 4, from _____ to _____
No. 2, from **4682** to **5096** No. 5, from _____ to _____
No. 3, from **5096** to **5362** 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—	
10 3/4"	49.3	8 1/2	W-30	212	W-30	Surface			Surface
7 1/2"	28.5	8 1/2	W-30	155	W-30	Intermediate			Intermediate
4 1/2"	16.5	8 1/2	W-30	931	W-30	Prod. casing			Prod. casing
2 3/8"	4.6			5149	B-ker	Prod. tub.			Prod. tub.

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	223	100	circulated		
7 1/2"	4528	268	single stage		
4 1/2"	5362	95	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
5106-14; 5122-26; 5132-40;	Frac P.L. w/40	100 gal water, 50,000# sd.	BDP 1300#, max pr 3000#			
5154-62; 5170-78	A.T.P. 2600#, IR 34.2 BPM	Flush w/5000 gal.				
4616-24; 4634-42;	Frac C.E. w/37	465 gal water, 35,000# sd.	Fl. w/4250 gal. IR 26.5 BPM.			
4650-54; 4658-66;	MP 3600#, BDP 3400#	465 gal water, 35,000# sd.	Fl. w/4250 gal. IR 26.5 BPM.			

Rotary tools were used from **0** feet to **4528** feet, and from **4528** feet to **5149** feet

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

DATES

9-4-, 19**61** 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 **2,899,000** Gallons gasoline per 1,000 cu. ft. of gas _____Rock pressure, lbs. per sq. in. **931 (tubing)** **A.O.P. 3588 MCF/D**

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	2582	2582	Tan to gry cr-grn ss interbedded w/gry sh.
2582	2894	312	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
2894	4555	1661	Pictured Cliffs form. Gry, fine-grn, tight, var. colored soft ss.
4555	4682	127	Cliff House ss. Gry, fine-grn, dense sil ss.
4682	5096	400	Manatee form. Gry, fine-grn s, carb sh & coal.
5096	5362	266	Point Lookout form. Gry, fine sil ss w/ frequent sh breaks.

5% acetone

U. S. Land Office

1000000

_____ THE SECRET OF THE MIND IS DEAD

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

MITOSES OF LIVER TUMORS

[illegible]

The information given below is a complete and correct record of the well and all work done thereon
 and can be obtained from all available records.

State of California)
 County of San Diego)
 I, John W. Smith, of the County of San Diego, State of California, do hereby certify that the
 above is a true and correct record of the well and all work done thereon.

Witness my hand and seal of office this 10th day of April, 1919.

John W. Smith, County Clerk.

The summary on the page is for the condition of the wall at above date

OUT OF CAS RANGE OF 5000

[illegible][illegible]

IMPORTANT WATER BATHING

.....	at	mod 3.6%		at	mod 1.1.6%
.....	at	mod 1.2.6%		at	mod 1.2.6%

CLASSIFIED

[illegible]

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

Flowing plug - Material	Length	Depth set
Shutters - Material	Size	

SHOOTING RECORD

State	Ship type	Wagon used	Quantity	Date	Amount paid
Ill.					
Iowa					
Kentucky					
Louisiana					
Maine					
Maryland					
Massachusetts					
Michigan					
Minnesota					
Mississippi					
Missouri					
Montana					
Nebraska					
Nevada					
New Hampshire					
New Jersey					
New Mexico					
New York					
North Carolina					
Ohio					
Oklahoma					
Oregon					
Pennsylvania					
Rhode Island					
South Carolina					
South Dakota					
Tennessee					
Texas					
Vermont					
Virginia					
Washington					
West Virginia					
Wisconsin					
Wyoming					

STAY IN THE

[illegible]

DATE

[illegible]

It was well over 24 hours before the	the water and	No action
Gallons gasoline per 1000 cu ft of gas	Gravity, °Be	

1. The first part of the document is a list of names and dates, which appears to be a roster or a list of participants. The names are written in a cursive script, and the dates are written in a more formal, printed style. The list is organized into two columns, with names on the left and dates on the right.

EMPLOYEES

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	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349</
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FORMATION RECORD

[illegible]