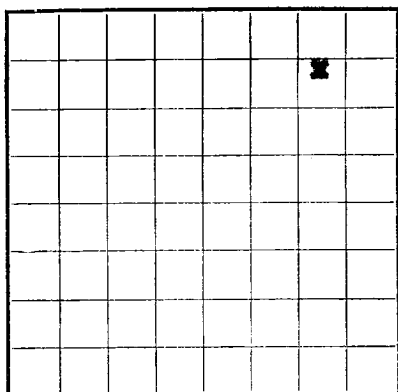




LOCATE WELL CORRECTLY

RECEIVED  
JUN 3 1952  
U. S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.Budget Bureau No. 42-R-355.3.  
Approval expires 12-31-55.U. S. LAND OFFICE New Mexico  
SERIAL NUMBER 010989  
LEASE OR PERMIT TO PROSPECT \_\_\_\_\_UNITED 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 Fields Field Bianco State New Mexico  
Well No. 1 Sec. 25 T. 32N R. 11W Meridian N.M.P.M. County San Juan  
Location 990 ft. [S.] of 1 Line and 990 ft. [W.] of 1 Line of Section 25 Elevation 6202  
(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

J. L. TallockDate June 4, 1953Title Petroleum Engineer.

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

Commenced drilling April 25, 1953 Finished drilling May 10, 1953

## OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 2979 to 3056 (G) No. 4, from 5325 to 5415 (G)  
No. 2, from 4760 to 4884 (G) No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from 4884 to 5325 (G) 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— |                   |
| <u>9 5/8</u> | <u>25.4</u>     | <u>8 W.</u>       | <u>Armed</u> | <u>160'</u>  | <u>Armed</u> |                     |            |     | <u>Surface</u>    |
| <u>7</u>     | <u>15</u>       | <u>8 W.</u>       | <u>Armed</u> | <u>4705'</u> | <u>Armed</u> |                     |            |     | <u>Prod. Log.</u> |
| <u>2</u>     | <u>4.7</u>      | <u>8 RD Young</u> | <u>Armed</u> | <u>5375'</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>160'</u>  | <u>125</u>             | <u>circulated</u>  |             |                    |
| <u>7</u>     | <u>4705'</u> | <u>300</u>             | <u>slng. stage</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>Quart</u> | <u>Regular</u> | <u>S.N.O.</u>  | <u>1440</u> | <u>5-11-53</u> | <u>4798-5458</u> | <u>5458</u>       |

## TOOLS USED

Rotary tools were used from 0 feet to 4705' feet, and from 4705' feet to 5458 feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

\_\_\_\_\_, 1953 Put to producing \_\_\_\_\_, 19\_\_\_\_\_  
May 12The 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 3,780,000  
Rock pressure, lbs. per sq. in. 1088

Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

## EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller  
\_\_\_\_\_, Driller \_\_\_\_\_, Driller

## FORMATION RECORD

| FROM—       | TO—         | TOTAL FEET  | FORMATION                                                |
|-------------|-------------|-------------|----------------------------------------------------------|
| <u>0</u>    | <u>737</u>  | <u>737</u>  | <u>Tan cr-grn ss w/thin sh breaks.</u>                   |
| <u>737</u>  | <u>1425</u> | <u>688</u>  | <u>Variegated sh w/thin ss breaks.</u>                   |
| <u>1425</u> | <u>1925</u> | <u>500</u>  | <u>Tan to gry cr-grn ss interbedded w/gry sh.</u>        |
| <u>1925</u> | <u>2038</u> | <u>113</u>  | <u>Ojo Alamo ss. sh cr-grn s. Top Ojo Alamo 1925.</u>    |
| <u>2038</u> | <u>2752</u> | <u>714</u>  | <u>Kirtland formation. Gry sh interbedded w/tight</u>    |
| <u>2752</u> | <u>2979</u> | <u>227</u>  | <u>gry fine-grn ss. Top Kirtland 2038.</u>               |
| <u>2979</u> | <u>3056</u> | <u>77</u>   | <u>Fruitland formation. Gry carb sh, scattered coals</u> |
| <u>3056</u> | <u>4760</u> | <u>1704</u> | <u>and gry, tight, fine-grn ss. Top Fruitland 2752.</u>  |
| <u>4760</u> | <u>4884</u> | <u>124</u>  | <u>Pictured Cliffs formation. Gry, fine-grn, tight,</u>  |
| <u>4884</u> | <u>5325</u> | <u>441</u>  | <u>varicolored soft ss. Top Pictured Cliffs 2979.</u>    |
| <u>5325</u> | <u>5415</u> | <u>90</u>   | <u>Lewis formation. Gry to wh dense sh w/silty to</u>    |
| <u>5415</u> | <u>5458</u> | <u>43</u>   | <u>shaly ss breaks. Top Lewis 3056.</u>                  |
|             |             |             | <u>Cliff House ss. Gry, fine-grn, dense sil ss.</u>      |
|             |             |             | <u>Top Cliff House 4760.</u>                             |
|             |             |             | <u>Manatee formation. Gry, fine-grn s, carb sh and</u>   |
|             |             |             | <u>coal. Top Manatee 4884.</u>                           |
|             |             |             | <u>Point Lookout formation. Gry, very fine sil ss</u>    |
|             |             |             | <u>w/frequent sh breaks. Top Point Lookout 5325.</u>     |
|             |             |             | <u>Manaco formation. Gry carb sh. Top Manaco 5415.</u>   |

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, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 239

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 balling.

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