

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

X									

LOG OF OIL OR GAS WELL.

LOCATE WELL CORRECTLY

Company El Paso Natural Gas Company Address Box 997, Farmington, New Mexico
 Lessor or Tract San Juan 28-6 Unit Field Blanco & Wildcat State New Mexico
 Well No. 79(BM) Sec. 11 T. 27N R. 6W Meridian N.M.P.M. County Rio Arriba
 Location 1180 ft. [N.] of S. Line and 1090 ft. [E.] of W. Line of Section 11 Elevation 6278
 (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 B.H. MEANS
Signed _____

Date August 20, 1958 Title Petroleum Engineer

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

Commenced drilling 6-28, 1958 Finished drilling 7-8, 1958

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 3000 to 3088 (a) No. 4, from 5181 to 5337 (a)
No. 2, from 4648 to 4799 (a) No. 5, from _____ to _____
No. 3, from 4799 to 5181 (a) 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"	32.75	P.E.	S.W.	161'	Howco				Surface
7 5/8"	25.50	8 Rd.	J-55	3153'	Howco				Prod. csg.
5 1/2"	15.50	8 Rd.	J-55	2298'	Howco				Prod. liner
2"	4.7	8 Rd.	J-55	3032'					Prod. tbg.
1 1/4"	2.4	8 Rd.	Grade "A"	3041'					Stinger

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
10 3/4"	172'	150	circulated		
7-5/8"	3193'	200	single stage		
5-1/2"	3155-5393'	300	single stage		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material----- Size **Baker "RG" Pr. # 3268**-----

SHOOTING RECORD

[illegible]

TOOLS USED

Rotary tools were used from ----- feet to ~~314~~ ^{Gas Drilled} ----- feet, and from ~~314~~ ----- feet to ~~535~~ ----- feet.

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

DATES

-----7-20-----, 19-58 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 **P.C. 1,181,000** Gallons gasoline per 1,000 cu. ft. of gas

Rock pressure, lbs. per sq. in. N.Y. 3,695,000
P.C. 945 P.C. 1193

M.V. 1017 EMPLOYEES A.O.F. M.V. 5166 MCF/D

_____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM-	TO-	TOTAL FEET	FORMATION
0	2263	2263	Tan to gry dr-grn ss interbedded w/gry sh.
2263	2443	180	Ojo Alamo ss. White cr-grn s.
2443	2747	304	Kirtland form. Gry sh interbedded w/tight gry fine-grn ss.
2747	3000	253	Fruitland form. Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.
3000	3082	82	Pictured Cliffs form. Gry, fine-grn, tight, varicolored soft ss.
3082	4648	1566	Lewis formation. Gry to white dense sh w/silty to shaly ss breaks.
4648	4799	151	Cliff House ss. Gry, fine-grn, dense sil ss.
4799	5181	382	Menefee form. Gry, fine-grn, s, carb sh & coal.
5181	5337	156	Point Lookout form. Gry, very fine sil ss w/frequent sh breaks.
5337	5395	58	Mancos formation. Gry carb sh.

FORMATION RECORD—Continued[illegible]

HISTORY OF OIL OR GAS WELL

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.

7-11-58 T.D. 5371, C.O.T.D. 5376. Water conc. P.C. perf. int. 5176-5192; 5000-5220; 5232-5246; 5262-5276; 5296-5320 w/60,000 gal. water & 60,000# sand. B.D.P. 1400#, max. pr. 1700#, avg. tr. pr. 1400-1400-1500-1600-1700#. I.R. 76.0 B.P.M. Flush 10,000 gal. Dropped 1 set of 40 balls & 4 sets of 20 balls--6 stages.

7-11-58 Temp. B.P. @ 4850'. Water frs. C.H. perf. int. 4654-4672; 4690-4706;
4720-4742; 4770-4798 w/60,000 gal. water & 60,000# sand. B.D.P. 1900#, max.
pr. 1900#, avg. tr. pr. 1700-1750-1800-1900-1950#. I.R. 64.0 B.P.M. Flush
10,000 gal. Dropped 1 set of 40 balls, 1 set of 30 balls & 3 sets of 20
balls—6 stages.

7-12-58. Temp. B.P. @ 31.75'. Water frac. P.C. perf. int. 3018-3038; 3040-3068;
w/40,000 gal. water & 40,000# sand. B.D.P. 3000#, max. pr. 3000#, avg. tr.
pr. 1800-1000-1200-1200-1300#. I.R. 41.5 B.P.M. Flush 7500 gal. Dropped
3 sets of 20 balls--4 stages.

Dr. David Holmes, D.D., 244-02

POSTGRADUATE DIPLOMA IN ENVIRONMENTAL POLICY

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, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2677, 2678, 26

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