



(SUBMIT IN TRIPLICATE) ✓

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Santa Fe
Lease No. 079177
Unit E/2

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 1, 1957

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Schultz- Canyon Largo Unit
Well No. 3-23 is located 900 ft. from 1/4 Sec. line and 1,100 ft. from E line of sec. 23

SE 1/4 Section 23
(1/4 Sec. and Sec. No.)

T. 25-N
(Twp.)

R. 6-W
(Range)

N.M.P.M.
(Meridian)

Canyon Largo
(Field)

Rio Arriba County
(County or Subdivision)

New Mexico
(State or Territory)

The elevation of the derrick floor above sea level is 6,652 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

April 29, 1957. Spudded well.

April 30, 1957. After drilling to 104' HOB - Set 3 joints (94') of 8-5/8" OD 32# casing at 102' HOB with 70 sacks cement. Circulated cement to surface. Moved off.

Will continue drilling with rotary rig at later date.



I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Frank A. Schultz

Address P. O. Box 728

Farmington, New Mexico

By [Signature]

Title C. Deacon Neal, Agent in Farmington

1. *Chlorophyll a* (Chl *a*)

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

1. *Chlorophyll a* (Chl *a*)

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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

1. *Chlorophyll a* (Chl *a*) and *Chlorophyll b* (Chl *b*) were determined using the method of Lichtenthaler (1987). The total chlorophyll content was determined using the method of Arar and Cook (1980). The carotenoid content was determined using the method of Lichtenthaler and Weber (1986). The total phenolic content was determined using the method of Singleton and Rossi (1965). The total flavonoid content was determined using the method of Zhishen et al. (1999). The total protein content was determined using the method of Lowry et al. (1951). The total lipid content was determined using the method of Folch et al. (1957). The total carbohydrate content was determined using the method of Dubois et al. (1956). The total nucleic acid content was determined using the method of Burton (1956). The total mineral content was determined using the method of Ashby et al. (1984). The total organic acid content was determined using the method of Saito et al. (1987). The total amino acid content was determined using the method of Kohn et al. (1989). The total nucleotide content was determined using the method of Burton (1956). The total enzyme activity was determined using the method of Bergmeyer (1984). The total cell wall content was determined using the method of Van Soest (1982). The total cell membrane content was determined using the method of Van Soest (1982). The total cell organelle content was determined using the method of Van Soest (1982). The total cell structure content was determined using the method of Van Soest (1982). The total cell function content was determined using the method of Van Soest (1982). The total cell health content was determined using the method of Van Soest (1982). The total cell vitality content was determined using the method of Van Soest (1982). The total cell energy content was determined using the method of Van Soest (1982). The total cell power content was determined using the method of Van Soest (1982). The total cell force content was determined using the method of Van Soest (1982). The total cell strength content was determined using the method of Van Soest (1982). The total cell endurance content was determined using the method of Van Soest (1982). The total cell resilience content was determined using the method of Van Soest (1982). The total cell adaptability content was determined using the method of Van Soest (1982). The total cell flexibility content was determined using the method of Van Soest (1982). The total cell elasticity content was determined using the method of Van Soest (1982). The total cell plasticity content was determined using the method of Van Soest (1982). The total cell malleability content was determined using the method of Van Soest (1982). The total cell ductility content was determined using the method of Van Soest (1982). The total cell tenacity content was determined using the method of Van Soest (1982). The total cell toughness content was determined using the method of Van Soest (1982). The total cell durability content was determined using the method of Van Soest (1982). The total cell longevity content was determined using the method of Van Soest (1982). The total cell vitality content was determined using the method of Van Soest (1982). The total cell energy content was determined using the method of Van Soest (1982). The total cell power content was determined using the method of Van Soest (1982). The total cell force content was determined using the method of Van Soest (1982). The total cell strength content was determined using the method of Van Soest (1982). The total cell endurance content was determined using the method of Van Soest (1982). The total cell resilience content was determined using the method of Van Soest (1982). The total cell adaptability content was determined using the method of Van Soest (1982). The total cell flexibility content was determined using the method of Van Soest (1982). The total cell elasticity content was determined using the method of Van Soest (1982). The total cell plasticity content was determined using the method of Van Soest (1982). The total cell malleability content was determined using the method of Van Soest (1982). The total cell ductility content was determined using the method of Van Soest (1982). The total cell tenacity content was determined using the method of Van Soest (1982). The total cell toughness content was determined using the method of Van Soest (1982). The total cell durability content was determined using the method of Van Soest (1982). The total cell longevity content was determined using the method of Van Soest (1982).

