

STANDLEY
M 8 57

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

TENNECO CORPORATION by its managing
agent Tenneco Oil Company

Company _____ Address **Box 307, Hobbs, New Mexico**

Lessor or Tract **U. S. Smelting-USA** Field **Double "X" Delaware** State **New Mexico**

Well No. **2** Sec. **22** T. **24** R. **32** Meridian **NMPM** County **Lea**

Location **1980** ft. **N** of **N** Line and **660** ft. **E** of **W** Line of **Sec. 22** Elevation **3590**
(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 *A. W. Lang* **A. W. Lang**

Date **July 17, 1961** Title **District Production Supt.**

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

Commenced drilling March 22, 1961, 19----- Finished drilling April 9-----, 1961

OIL OR GAS SANDS OR ZONES

(Denote α by θ)

No. 1, from 4870 to 4890 (a) No. 4, from to
No. 2, from to 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—	
8 5/8	2 1/4	8 RD	J-55	367	Galva Shoe	used for			Surface
5 1/2	2 1/4	8 RD	J-55	1970	Galva Shoe	used for			Production
					A Flare Collar				
					HISTORIA OF OIL OF CV2 AREA				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8 5/8	3671'	200	Pump & Plug	Fresh water	
5 1/2	4971'	150	Pump & Plug	10.5	

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 5296 feet, and from feet to feet.

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

DATES

-----, 19-----	Put to producing Shut-in Gas Well -----, 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 -----	Gallons gasoline per 1,000 cu. ft. of gas -----
Rock pressure. lbs. per sq. in. -----	

EMPLOYEES

_____, Driller

_____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	12	12	KB to GL
12	998	986	Undifferentiated sands & shales
986	1310	324	Anhydrite w/shale stringers
1310	4572	3262	Salt w/anhydrite and shale stringers
4572	4805	233	Anhydrite
4805	4832	27	Shaley Lime
4832	5296	464	Sand & Shale
			T/Rustler 998
			T/Salt 1310
			B/Salt 4572
			T/Lamar 4805
			T/Del. Sand Marker 4832

[OVER]

(OVER)
FORMATION RECORD--CONTINUED

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, 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, 26

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LEW 243 303 310 315 301

1. The first page of the report is a cover sheet containing the title, author, and date of the report. The title is "The Effect of the [illegible] on the [illegible] of the [illegible]". The author is "John Doe". The date is "1964".

2. The second page of the report is a table of contents. It lists the sections of the report and their corresponding page numbers. The sections are: Introduction (1), Methods (2), Results (3), Discussion (4), and Conclusion (5). The page numbers are: Introduction (1), Methods (2), Results (3), Discussion (4), and Conclusion (5).

3. The third page of the report is the introduction. It discusses the importance of the [illegible] and the need for further research. It also mentions the objectives of the study.

4. The fourth page of the report is the methods section. It describes the procedures used in the study, including the selection of subjects, the experimental design, and the data collection methods.

5. The fifth page of the report is the results section. It presents the findings of the study, including the mean scores and standard deviations for each group. It also includes a table showing the results of the statistical tests.

6. The sixth page of the report is the discussion section. It interprets the results of the study and discusses their implications. It also mentions the limitations of the study and suggests areas for future research.

7. The seventh page of the report is the conclusion section. It summarizes the main findings of the study and states the overall conclusion. It also includes a statement of the author's confidence in the results.

8. The eighth page of the report is a reference list. It lists the sources of information used in the study, including books, articles, and other documents.

9. The ninth page of the report is a list of appendices. It lists the additional materials included in the report, such as questionnaires, interview schedules, and raw data.

10. The tenth page of the report is a list of figures and tables. It lists the visual aids included in the report, such as graphs, charts, and tables.

1. Drilled 12" hole w/rotary tools to 363'. Ran 367' 8 5/8" OD, 2 1/2" ID, 20 lb. cement to surface. Pressure tested csg to 1000 psi for 30 min. Held okay.
2. Drilled 7 7/8" hole 363' to 4797'.
3. Cored from 4797' to 5296' w/ 13/16" core head.
4. Ran GR-Sonic, LT and G-6 logs.
5. Ran 155 lbs, 5 1/2" OD, 1 1/2" ID, J-55 csg, cased @ 4771' w/100 sx 50-50 pozmix.
6. Pressure tested csg to 1500 psi for 30 min. Held okay.
7. Set pkr @ 4767'. Ran 151 lbs, 2 3/8" OD, 1 1/4" ID, J-55 tbg.
8. Went 4871-15 w/ 4 sets per ft. Well started flowing gas.
9. Potential tested 4-12-61. AOF 6.4, (natural) natural.
10. Well shut-in.

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.

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