

WELL RECORD

B. M. N. S., Box 394, Artec, New Mexico

H. Wagner (Lease) Well No. 1 in SW $\frac{1}{4}$ of Sec. 29, T. 30N, R. 10W N.M.P.M.

Field, San Juan County.

Well is 2100 feet north of the south line and 1670 feet east of the west line of Section 29.

If state land the oil and gas lease is No. ____ Assignment No. ____

If patented land the owner is H. Wagner Address- Artec, New Mexico

If Government land the permittee is ____ Address ____

The Lessee is B.M.N.S. Co. Address- Artec, New Mexico

Drilling commenced April 25, 1946 Drilling was completed June 3, 1946

Name of drilling contractor L. G. Stearns, Address- Box 394, Artec, New Mexico

Elevation above sea level at top of casing 5542 feet

The information given is to be kept confidential until ____ 19--

OIL SANDS OR ZONES

No. 1, from 1618 to 1654 No. 4, from ____ to ____

No. 2 from ____ to ____ No. 5, from ____ to ____

No. 3, from ____ to ____ No. 6, from ____ to ____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from 120 to 130 feet Rose 50 feet
No. 2, from 890 to 920 feet Rose 40 feet salty
No. 3, from 960 to 1007 feet Rose 700 feet
No. 4, from 1583 to 1597 feet Rose 400 feet

CASING RECORD

<u>Size</u>	<u>Weight per foot</u>	<u>Threads per inch</u>	<u>Make</u>	<u>Amount</u>	<u>Kind of Shoe</u>	<u>Cut and Filled From</u>	<u>Perforated From To</u>	<u>Purpose</u>
10	40	8		600'	Common			
8	28	10		1080	Common			
7	20	8		1587	Texas			
5 $\frac{1}{2}$	15	10		1619	Texas			

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CONFIDENTIAL

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SECRET

U.S. DEPARTMENT OF JUSTICE

[illegible]

10-1-1961

1. 12. 3. 2. 1.

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_____ of _____, _____ at _____, _____, _____

_____ of _____

Journal of Management Education 30(6)p.789-804

• Non-union workers in the oil and gas industry are being targeted by the same tactics as in the coal industry.

From 180 to 181 feet
from 181 to 182 feet
from 182 to 183 feet
from 183 to 184 feet
from 184 to 185 feet

SECRET	1. <u>Classification</u>	2. <u>Declassification</u>	3. <u>Authority</u>	4. <u>Exemption</u>	5. <u>Exemption</u>	6. <u>Exemption</u>	7. <u>Exemption</u>	8. <u>Exemption</u>
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MUDDING & CEMENTING RECORD

<u>Size of Hole</u>	<u>Size of Casing</u>	<u>Where Set</u>	<u>No. Sacks of Cement</u>	<u>Method Used</u>	<u>Mud Gravity</u>	<u>Amt. of Mud used</u>
12 $\frac{1}{2}$	10	600	Filled up behind			
10	8-5/8	1050	pipe			50 Sacks
8	7	1597				Asumjell
7	5 $\frac{1}{2}$	1619	50	Halliburton		

PLUGS AND ADAPTERS

Heaving plug--Material _____ Length _____ Depth Set _____

Adapters-- Material _____ Size _____

RECORD OF SHOOTING OR CHEMICAL TREATMENT

<u>Size</u>	<u>Shell used</u>	<u>Explosive or Chemical used</u>	<u>Quantity</u>	<u>Date</u>	<u>Depth Shot of treated</u>	<u>Depth Cleaned out</u>
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Results of shooting or chemical treatment _____

RECORD OF DRILL STEM AND SPECIAL TESTS

If drill stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto.

TOOLS USED

Rotary tools were used from _____ ft. to _____ feet, and from _____ ft. to _____ ft.

Dable tools were used from _____ 0 _____ ft. to 1659 feet and from _____ ft. to _____ ft.

PRODUCTION

Put to producing _____ 19____

The production of the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, Be _____

If gas well, cu. ft. per 24 hours 2,200,000 Gallons gasoline per 1,000 cu. ft. of gas _____ Rock pressure, lbs. per sq. in. 565

EMPLOYEES

Dewey Cantrell DrillerJames Sturdevant Driller

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FORMATION RECORD

<u>FROM</u>	<u>TO</u>	<u>THICKNESS IN FEET</u>	<u>FORMATION</u>
0	12		Surface
12	55		Sand rock, yellow
55	69		Shale blue
69	75		Shale blue
75	85		Shale, blue
85	90		Sand
90	120		Shale, blue
120	130		Gravel; water, cannot bail down
130	165		Sand
165	201		Hard conglomerate. Alamo
201	232		Shale blue
232	265		Conglomerate
265	295		Shale, gray
295	304		Sand, white, hard
304	309		Shale, blue
309	320		Sand, white
320	326		Shale, blue
326	346		Shale, gray
346	360		Shale, blue
360	369		Shale, gray
369	379		Shale, brown
379	390		Shale, gray
390	395		Shell
395	405		Shale, gray
405	420		Shale, blue
420	497		Shale, gray
497	501		Shell
501	530		Show gas, sand
530	540		Shale, blue
540	545		Shell
545	583		Shale, blue, hole caving
583	588		Shell
588	623		Shale, blue; ran 602' 10" casing, shut off
623	635		Sand, hard
635	750		Shale, blue
750	766		Sand
766	784		Shale, blue; sand shells
784	795		Shale, gray
795	820		Shale, blue
820	825		Shale, blue sandy
825	890		Shale, blue
890	920		Sand, salt water-40 feet
920	950		Shale, blue
950	1007		Sand, gray; more water
1007	1032		Shale, blue
1032	1040		Sand
1040	1047		Shale, blue; ran 1047 feet 3 5/8" casing, shut off

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

Item	Quantity	Unit Price	Total
1000	100	10.00	1000.00
2000	200	20.00	4000.00
3000	300	30.00	9000.00
4000	400	40.00	16000.00
5000	500	50.00	25000.00
6000	600	60.00	36000.00
7000	700	70.00	49000.00
8000	800	80.00	64000.00
9000	900	90.00	81000.00
10000	1000	100.00	100000.00

FORMATION RECORD (CONT.)

<u>FROM</u>	<u>TO</u>	<u>FORMATION</u>
1047	1111	Shale, gray
1111	1114	Sand, gray
1114	1275	Shale, blue
1275	1285	Sand
1285	1300	Shale, blue
1300	1305	Shale, black
1305	1320	Shale, blue
1320	1415	Shale, brown
1415	1435	Shale, gray
1435	1463	Shale, brown
1463	1480	Shale, gray
1480	1490	Shale, brown
1490	1507	Shale, gray
1507	1512	Shale, brown; some gray and sandy
1512	1526	Shale, brown
1526	1534	Shale, gray
1534	1583	Shale, brown; hole caving
1583	1597	Coal; ran pipe. 1596' 6" 7" O.D. 400 ft. caving
1597	1599	Shale, blue with gray sand shells
1599	1601	Coal
1601	1610	Sand gray
1610	1618	Shale, gray
1618	1619	Sand, gray; strong show gas; ran 1619 feet 5 1/2" O.D. gas circulated between 5 & 7 with 10 sacks aquafell. Pumped in 20 sacks aquafell between 7 & 8 but did not get circulation
1619	1626	Sand; gas 554,000
1626	1631	Shale breaks; gas 680,000
1631	1635	Shale breaks; gas 733,000
1635	1636	Sand, gray, light
1636	1640	Sand, gray, dark; gas 1,554,000
1640	1645	Sand, gray, dark; gas 1,850,000
1645	1649	Sand, gray, dark; gas 2,166,000
1649	1652	Sand, gray, dark; gas 2,400,000
1652	1655	Shale, blue
1655	1659	Sand, dark; no increase of gas as Southern Union test after well open for 36 hours 2,200,000

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