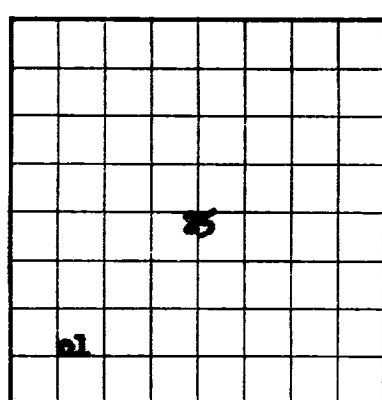


U. S. LAND OFFICE **New Mexico**SERIAL NUMBER **05877**

LEASE OR PERMIT TO PROSPECT



LOCATE WELL CORRECTLY

COPY TO O. C. C., S.F.

COPY TO O. C. C. **HOBBS** ✓UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**ILLEGIBLE**

LOG OF OIL OR GAS WELL

Company **Newman Oil Company** Address **P. O. Box 2239, Tulsa, Oklahoma**
Lessor or Tract **DeKalb** Field **Wildcat** State **New Mexico**
Well No. **1** Sec. **25** T. **11** R. **26** Meridian **N.M.P.M.** County **Chaves**
Location **735** ft. [N.] of **S.** Line and **660** ft. [E.] of **W.** Line of **Sec 25** Elevation **3678** C.L.
(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 **D. A. McMill**Date **April 27, 1953** Title **District Superintendent**

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

Commenced drilling **November 3**, 19**52** Finished drilling **December 30**, 19**52**

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from _____ to _____ No. 4, from _____ to _____

No. 2, from _____ to _____ No. 5, from _____ to _____

No. 3, from **6045' G.** to **6063' G.** No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from **6088'** to **6140'** No. 3, from _____ to _____No. 2, from **6184'** to **6202'** 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—	
13-3/8	159	8 rd	Halliburton	6045	Guide shoe				
8-5/8	26	8 rd	Halliburton	605	Guide shoe				
5-1/2	17	8 rd	Halliburton	6063	Guide shoe				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
13-3/8	159	150	Halliburton		
8-5/8	988	425	Halliburton		
5-1/2	988	30	Halliburton		

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

TOOLS USED

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

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

DATES

Put to producing _____, 19____

The production for the first 24 hours was _____ barrels of fluid of which _____ % was oil; _____ %

emulsion; _____ % water; and _____ % sediment. Gravity, °Be. _____

If gas well, gas ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Driller _____, Driller _____

Driller _____, Driller _____

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	161	161	Red sand & clay shale
161	482	321	Red sand & clay shale
482	737	255	Red sand & clay shale
737	989	252	Red sand & clay shale
989	1032	43	Red sand & clay shale
1032	2295	1263	Red sand & clay shale
2295	2827	532	Sandy lime
2827	3007	180	Lime
3007	3085	78	Lime & sand
3085	3185	100	Sand, lime & salt stringers
3185	3257	72	Sand and lime
3257	3257	0	Lime, shale & salt
3257	3257	0	Lime and shale
3257	3257	0	Lime and shale
3257	3257	0	Silt and lime
3257	3257	0	Silt and lime
3257	3257	0	Shale, lime, and sand
3257	3257	0	Hardy lime, shale and salt
3257	3257	0	Lime, silt and shale
3257	3257	0	Lime and shale
3257	3257	0	Lime and clay
3257	3257	0	Sand and lime
3257	3257	0	Lime and shale
3257	3257	0	Dolomite, lime and shale
3257	3257	0	Shale
3257	3257	0	Dolomite, lime, and clay

(over)

10

LOG OF OIL OR GAS WELL

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 _____

Location { N. 1/2 } of E. 1/4 and W. 1/4 of Line of _____
Well No. _____ Sec. _____ T. _____ R. _____ Meridian _____ County _____ State _____
Lessor or Tract _____ Field _____ Address _____

Commenced drilling _____, 19____
Finished drilling _____, 19____
The summary on this page is for the condition of the well at above date.
Date _____, April 21, 1953
District Superintendent _____

OIL OR GAS SANDS OR ZONES

No. 1 from	to	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 1938
 No. 2 from 1938
 No. 3 from 1938
 No. 4 from 1938
 No. 5 from 1938
 No. 6 from 1938
 No. 7 from 1938
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 No. 99 from 1938
 No. 100 from 1938

CASING RECORD

Weight per foot	Size	Weight per foot	Material	Through bar	Wedge	Apex	Kind of steel	Kind and weight form	From To	Purposes

of the latest information to a complete history of the well. Please state in detail the dates of redrilling, together with reasons for the work, and the results. If there were any changes made in the casing, state fully, and if any casing was added or left in the well, give location and local. If the casing has been dynamited, give date, rate, position, and results of pumping or bailing, or shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

RECORDING AND CEMENTING RECORD

Year from 1960 to 1969	1970 to 1979	1980 to 1989	1990 to 1999	2000 to 2009	2010 to 2019
1960	1970	1980	1990	2000	2010

152333 - Well tested 45,633 of gas in 301 hours through 5/8" orifices.

1-6-55
 Neutralized with 9000 gallons 15% regular acid.
 per day in 4 hours.
 PLICES AND ADAPTERS
 3,000 NOT

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
1-5-53	-	-	-	-	-	-
unisol acid. Our target was hit but lay in 10 hours. Estimated to be SHOOTING RECORD 60931 to 60934 with 1000 rounds fired Depth cleaned out						

1-4-53 - Restored 57 casing from DONS. to 00031.	Gas tested Natural 723 MCF per day diminished to 210 MCF per day at
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TOOL USED	TEST TO	TEST TO
Test to	Test to	Test to

PET # - Tested from 6187, to 6202, pool open 2 hours. Sodium string blow
 Hatched 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, 2679, 2680, 2681, 2682, 2683, 2684, 2685, 2686, 2687, 2688, 2689, 2690, 2691, 2692, 2693, 2694, 2695, 2696, 2697, 2698, 2699, 2700, 2701, 2702, 2703, 2704, 2705, 2706, 2707, 2708, 2709, 2710, 2711, 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2722, 2723, 2724, 2725, 2726, 2727, 2728, 2729, 2730, 2731, 2732, 2733, 2734, 2735, 2736, 2737, 2738, 2739, 2740, 2741, 2742, 2743, 2744, 2745, 2746, 2747, 2748, 2749, 2750, 2751, 2752, 2753, 2754, 2755, 2756, 2757, 2758, 2759, 2760, 2761, 2762, 2763, 2764, 2765, 2766, 2767, 2768, 2769, 2770, 2771, 2772, 2773, 2774, 2775, 27

TESTED FROM 600% TO 610%. Took 2 hours. Partly strong blue

17

19f9

DST #2 - Tested from 6079L to 6081L. Tool open 2 hours. Fairly strong blow immediately. Gas to surface in 45 minutes, estimated at 10 MCF. Recovered 1200 cf. slightly gas saturated. LT of first 6080 pot in 15 minutes. Total P. 3150 psi.

1325 psi in 15 minutes. 1125 psi. decreasing during test. Recovered 30% of gas cut mud. IP 275-500 psi. 1125 psi.

FROM -	TO -	TOTAL FEET	FORMATION
1ST #1 -	Tested from 6050' to 6015'	35	Very strong blue

[illegible][illegible][illegible]

LONG, SHIRT, and short	6-7	9-10	9-10	9-10
LONG, SHIRT, dolomite, short	8-9	9-10	9-10	9-10
LONG, SHIRT, (dolomite) short	9-10	9-10	9-10	9-10

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[illegible]

FORM	NO.	TOTAL REE	FORMATION

FORMATION RECORD—Continued