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## LOCATE WELL CORRECTLY

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

JAN 7 6 1960

# LOG OF OIL OR GAS WELL

Company Burk Royalty Company Address 800 Oil & Gas Building  
Lessor or Tract Kelsoth Federal Field Wildcat State New Mexico  
Well No. 1 Sec. 1 T. 17-S R. 25-E Meridian N.M.P.M. County Eddy  
Location 2310 ft. N. of N. Line and 330 ft. E. of W. Line of Sec. 1 Elevation 3501 KB  
(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.

Date January 15, 1960 Signed Henry J. Scherer Title Agent, Burk Royalty Co.

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

Commenced drilling December 23, 1959 Finished drilling January 7, 1960

**OIL OR GAS SANDS OR ZONES** **NONE**  
(Denote gas by G)

No. 1, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

**IMPORTANT WATER SANDS NOT TESTED**

No. 1, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, 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      | 40.50           | 8 R              |      | 45'    |              |                     |            |     | Conductor |

## MUDDING AND CEMENTING RECORD

[illegible]

## 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 1411 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

## DATES

....., 19..... 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 ..... 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     | 120  | 120        | Caliche                     |
| 120   | 280  | 160        | Gravel                      |
| 280   | 758  | 478        | Shale, sand & anhydrite     |
| 758   | 1101 | 343        | Lime & dolomite             |
| 1101  | 1411 | 310        | Dolomite                    |
|       |      |            | Total Depth 1411'           |
|       |      |            | Top of San Andres 758'      |
|       |      |            | Top of Black Dolomite 1101' |
|       |      |            | Top of Slaughter "A" 1267'  |

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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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1. The first part of the document is a letter from the author to the editor, dated 1954. The letter discusses the author's work on the theory of the structure of the atom, and mentions the author's interest in the problem of the structure of the atom. The letter is signed by the author, and is dated 1954.

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of reworking, 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.

## HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE 16-43084-2

| FROM— | TO— | TOTAL FEET | FORMATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
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|       |     |            | <p>1. 0-100</p> <p>2. 100-200</p> <p>3. 200-300</p> <p>4. 300-400</p> <p>5. 400-500</p> <p>6. 500-600</p> <p>7. 600-700</p> <p>8. 700-800</p> <p>9. 800-900</p> <p>10. 900-1000</p> <p>11. 1000-1100</p> <p>12. 1100-1200</p> <p>13. 1200-1300</p> <p>14. 1300-1400</p> <p>15. 1400-1500</p> <p>16. 1500-1600</p> <p>17. 1600-1700</p> <p>18. 1700-1800</p> <p>19. 1800-1900</p> <p>20. 1900-2000</p> <p>21. 2000-2100</p> <p>22. 2100-2200</p> <p>23. 2200-2300</p> <p>24. 2300-2400</p> <p>25. 2400-2500</p> <p>26. 2500-2600</p> <p>27. 2600-2700</p> <p>28. 2700-2800</p> <p>29. 2800-2900</p> <p>30. 2900-3000</p> <p>31. 3000-3100</p> <p>32. 3100-3200</p> <p>33. 3200-3300</p> <p>34. 3300-3400</p> <p>35. 3400-3500</p> <p>36. 3500-3600</p> <p>37. 3600-3700</p> <p>38. 3700-3800</p> <p>39. 3800-3900</p> <p>40. 3900-4000</p> <p>41. 4000-4100</p> <p>42. 4100-4200</p> <p>43. 4200-4300</p> <p>44. 4300-4400</p> <p>45. 4400-4500</p> <p>46. 4500-4600</p> <p>47. 4600-4700</p> <p>48. 4700-4800</p> <p>49. 4800-4900</p> <p>50. 4900-5000</p> <p>51. 5000-5100</p> <p>52. 5100-5200</p> <p>53. 5200-5300</p> <p>54. 5300-5400</p> <p>55. 5400-5500</p> <p>56. 5500-5600</p> <p>57. 5600-5700</p> <p>58. 5700-5800</p> <p>59. 5800-5900</p> <p>60. 5900-6000</p> <p>61. 6000-6100</p> <p>62. 6100-6200</p> <p>63. 6200-6300</p> <p>64. 6300-6400</p> <p>65. 6400-6500</p> <p>66. 6500-6600</p> <p>67. 6600-6700</p> <p>68. 6700-6800</p> <p>69. 6800-6900</p> <p>70. 6900-7000</p> <p>71. 7000-7100</p> <p>72. 7100-7200</p> <p>73. 7200-7300</p> <p>74. 7300-7400</p> <p>75. 7400-7500</p> <p>76. 7500-7600</p> <p>77. 7600-7700</p> <p>78. 7700-7800</p> <p>79. 7800-7900</p> <p>80. 7900-8000</p> <p>81. 8000-8100</p> <p>82. 8100-8200</p> <p>83. 8200-8300</p> <p>84. 8300-8400</p> <p>85. 8400-8500</p> <p>86. 8500-8600</p> <p>87. 8600-8700</p> <p>88. 8700-8800</p> <p>89. 8800-8900</p> <p>90. 8900-9000</p> <p>91. 9000-9100</p> <p>92. 9100-9200</p> <p>93. 9200-9300</p> <p>94. 9300-9400</p> <p>95. 9400-9500</p> <p>96. 9500-9600</p> <p>97. 9600-9700</p> <p>98. 9700-9800</p> <p>99. 9800-9900</p> <p>100. 9900-10000</p> |