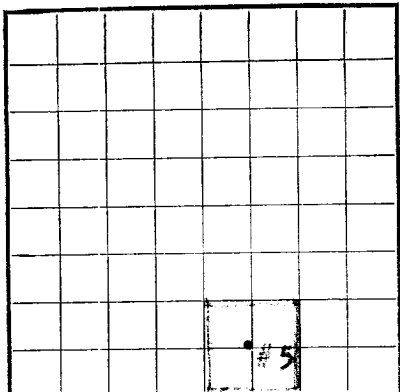


Form 9-330

U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 079958
LEASE OR PERMIT TO PROSPECT _____
L. E. Lockhart

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company SKELLY OIL COMPANY Address Box 426, Farmington, New Mexico
Lessor or Tract L. E. Lockhart Field Bisti (Gallup) State New Mexico
Well No. 5 Sec. 28 T. 25N R. 10W Meridian N.M.P.M. County San Juan
Location 660 ft. N. of S. Line and 1980 ft. W. of E. Line of Section 28 Elevation 6758' D.F.
(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 _____

Date January 7, 1958 Title District Superintendent

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

Commenced drilling November 12, 1957 Finished drilling November 26, 1957

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5340' to 5350' No. 4, from _____ to _____
No. 2, from 5365' to 5379' No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from None to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

OD	Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
								From—	To—	
	<u>10-3/4"</u>	<u>32.75#</u>	<u>8R</u>	<u>H-40</u>	<u>255'</u>	<u>Baker Guide</u>				
	<u>5-1/2"</u>	<u>11#</u>	<u>8R</u>	<u>J-55</u>	<u>5491'</u>	<u>Halliburton Comb. Guide & Float</u>				
								<u>(5340</u>	<u>5350</u>	<u>Production</u>
								<u>5365</u>	<u>5379</u>	

MUDDING AND CEMENTING RECORD

OD	Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
	<u>10-3/4"</u>	<u>265'</u>	<u>275</u>	<u>Halliburton</u>		
	<u>5-1/2"</u>	<u>5443'</u>	<u>250</u>	<u>Halliburton</u>		

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
<u>Well was Sand-Fraced</u>						
<u>Fraced down 5 1/2" casing thru perfs. 5340-50' & 5365-79' w/40,000# sand & 37,380 gals. crude oil. BDP 2100#, Max. TP 2900#, Min. TP 2500#, Inj. rate 58 BPM.</u>						

TOOLS USED

Rotary tools were used from _____ feet to 5448 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____ January 7, 1958 Put to producing _____ January 1, 1958
The production for the first 24 hours was 95 barrels of fluid of which 99.8 % was oil; .2 % emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. 39.8
If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Forse Drilling Company, Driller _____, Driller
_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>1675</u>	<u>1675</u>	<u>Sand & Shale</u>
<u>1675</u>	<u>1765</u>	<u>90</u>	<u>Pictured Cliffs</u>
<u>1765</u>	<u>3170</u>	<u>1405</u>	<u>Lewis</u>
<u>3170</u>	<u>3211</u>	<u>41</u>	<u>Cliff House</u>
<u>3211</u>	<u>4138</u>	<u>927</u>	<u>Menefee</u>
<u>4138</u>	<u>4300</u>	<u>162</u>	<u>Point Lookout</u>
<u>4300</u>	<u>5222</u>	<u>922</u>	<u>Mancos</u>
<u>5222</u>	<u>5335</u>	<u>113</u>	<u>Gallup "H"</u>
<u>5335</u>	<u>5448</u>	<u>113</u>	<u>Gallup "J"</u>
<u>TOTAL DEPTH</u>		<u>5448'</u>	
<u>PLUGGED BACK TOTAL DEPTH</u>		<u>5406'</u>	

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

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.

HISTORY OF OIL OR GAS WELL

U. S. GOVERNMENT PRINTING OFFICE

FORMATION	TOTAL FEET	TO-	FROM-
1. ...	...	...	...
2. ...	...	...	...
3. ...	...	...	...
4. ...	...	...	...
5. ...	...	...	...
6. ...	...	...	...
7. ...	...	...	...
8. ...	...	...	...
9. ...	...	...	...
10. ...	...	...	...
11. ...	...	...	...
12. ...	...	...	...
13. ...	...	...	...
14. ...	...	...	...
15. ...	...	...	...
16. ...	...	...	...
17. ...	...	...	...
18. ...	...	...	...
19. ...	...	...	...
20. ...	...	...	...
21. ...	...	...	...
22. ...	...	...	...
23. ...	...	...	...
24. ...	...	...	...
25. ...	...	...	...
26. ...	...	...	...
27. ...	...	...	...
28. ...	...	...	...
29. ...	...	...	...
30. ...	...	...	...
31. ...	...	...	...
32. ...	...	...	...
33. ...	...	...	...
34. ...	...	...	...
35. ...	...	...	...
36. ...	...	...	...
37. ...	...	...	...
38. ...	...	...	...
39. ...	...	...	...
40. ...	...	...	...
41. ...	...	...	...
42. ...	...	...	...
43. ...	...	...	...
44. ...	...	...	...
45. ...	...	...	...
46. ...	...	...	...
47. ...	...	...	...
48. ...	...	...	...
49. ...	...	...	...
50. ...	...	...	...
51. ...	...	...	...
52. ...	...	...	...
53. ...	...	...	...
54. ...	...	...	...
55. ...	...	...	...
56. ...	...	...	...
57. ...	...	...	...
58. ...	...	...	...
59. ...	...	...	...
60. ...	...	...	...
61. ...	...	...	...
62. ...	...	...	...
63. ...	...	...	...
64. ...	...	...	...
65. ...	...	...	...
66. ...	...	...	...
67. ...	...	...	...
68. ...	...	...	...
69. ...	...	...	...
70. ...	...	...	...
71. ...	...	...	...
72. ...	...	...	...
73. ...	...	...	...
74. ...	...	...	...
75. ...	...	...	...
76. ...	...	...	...
77. ...	...	...	...
78. ...	...	...	...
79. ...	...	...	...
80. ...	...	...	...
81. ...	...	...	...
82. ...	...	...	...
83. ...	...	...	...
84. ...	...	...	...
85. ...	...	...	...
86. ...	...	...	...
87. ...	...	...	...
88. ...	...	...	...
89. ...	...	...	...
90. ...	...	...	...
91. ...	...	...	...
92. ...	...	...	...
93. ...	...	...	...
94. ...	...	...	...
95. ...	...	...	...
96. ...	...	...	...
97. ...	...	...	...
98. ...	...	...	...
99. ...	...	...	...
100. ...	...	...	...