

Socony Mobil Oil Company, Inc.

State Bridges #97, Unit P 11. 04
 Sec. 26, T-17S, R-34E
 Lea County, New Mexico

PERFORATIONS

<u>Depth</u>	<u>No.</u>	<u>Size</u>	<u>Kind</u>	<u>Remarks</u>
2625	4	1/2"	Jet	Squeezed w/2600 sx. cement
6371	1	1/2"	Jet	
6377	1	1/2"	"	
6382	1	1/2"	"	
6388	1	1/2"	"	
6397	1	1/2"	"	
6401	1	1/2"	"	
6406	1	1/2"	"	
6411	1	1/2"	"	
6417	1	1/2"	"	
6421	1	1/2"	"	
6426	1	1/2"	"	
6433	1	1/2"	"	
6438	1	1/2"	"	
6461	1	1/2"	"	
6470	1	1/2"	"	
6476	1	1/2"	"	
6483	1	1/2"	"	
6497	1	1/2"	"	
6501	1	1/2"	"	
6506	1	1/2"	"	
6520	1	1/2"	"	
6524	1	1/2"	"	
6528	1	1/2"	"	

CORE RECORD

None

DRILL STEM TESTS

None

ACIDIZING RECORD

1/7/63 The Western Company acidized perfs. 6371-6528 w/1000 gals. 15% NE acid. Breakdown Pr. 4400#. TF 3600-4400#. Rate 2.5 BPM. ISIP 3300#. Swab 30 BLO + 10 BAW in 3 hrs. Swab dry 1 hr.

1/14/63 The Western Company Sand Oil Frac perfs. 6371-6528 w/15,000 gals refined oil + 30,000# 20-40 sand + 18 RCN ball sealers + 1/40#/gal Addomite. Break down Pr. 5800#. Trt. Pr. 7600-5800#. Rate 12.2 BPM. ISIP 3200#. SI 12 hrs. TP 2250#. Flowed 98 BLO in 10 hrs.

Page 1

1. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1900 to 1909:

2. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1910 to 1919:

3. The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1920 to 1929:

Section	Area	Acres	Value	Notes
Section 1	100	100	100	
Section 2	100	100	100	
Section 3	100	100	100	
Section 4	100	100	100	
Section 5	100	100	100	
Section 6	100	100	100	
Section 7	100	100	100	
Section 8	100	100	100	
Section 9	100	100	100	
Section 10	100	100	100	
Section 11	100	100	100	
Section 12	100	100	100	
Section 13	100	100	100	
Section 14	100	100	100	
Section 15	100	100	100	
Section 16	100	100	100	
Section 17	100	100	100	
Section 18	100	100	100	
Section 19	100	100	100	
Section 20	100	100	100	
Section 21	100	100	100	
Section 22	100	100	100	
Section 23	100	100	100	
Section 24	100	100	100	
Section 25	100	100	100	
Section 26	100	100	100	
Section 27	100	100	100	
Section 28	100	100	100	
Section 29	100	100	100	
Section 30	100	100	100	
Section 31	100	100	100	
Section 32	100	100	100	
Section 33	100	100	100	
Section 34	100	100	100	
Section 35	100	100	100	
Section 36	100	100	100	
Section 37	100	100	100	
Section 38	100	100	100	
Section 39	100	100	100	
Section 40	100	100	100	
Section 41	100	100	100	
Section 42	100	100	100	
Section 43	100	100	100	
Section 44	100	100	100	
Section 45	100	100	100	
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Section 91	100	100	100	
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Section 93	100	100	100	
Section 94	100	100	100	
Section 95	100	100	100	
Section 96	100	100	100	
Section 97	100	100	100	
Section 98	100	100	100	
Section 99	100	100	100	
Section 100	100	100	100	

Section 101

Section 102

Section 103

Section 104

Section 105

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1930 to 1939:

The following information was obtained from the records of the Department of the Interior, Bureau of Land Management, for the period 1940 to 1949:

Socony Mobil Oil Company, Inc.

State Bridges #97, Unit P
 Sec. 26, T-17S, R-34E
 Lea County, New Mexico

11:04

SUMMARY OF OPERATIONS

- 12/13/62 Commenced drilling operations (Spud date)
 12/15/62 Set 1567' of 8 5/8" surface casing
 12/16/62 Tested 8 5/8" casing
 12/31/62 Set 6750' of 5" production casing
 1/1/63 Worth Well ran Temp. survey
 1/2/63 Drill out cement 6679-6703. Tested 5" casing.
 1/2/63 Released Dale Mount Drilg. Co. rig @ 7 AM
 1/6/63 Moved in & rigged up DASH Unit.
 1/6/63 Frontier ran Isotron-GR survey 4700-6703.
 1/6/63 Frontier Perf. 5" casing 6371-6528 w/1 Jet shot/ft. (23 holes)
 1/7/63 The Western Co. acidized perfs. 6371-6528 w/1000 gals. 15% NE Acid.
 1/8/63 The Western Co. attempted to sand oil frac perfs. 6371-6528. Had communication to surface pipe @ 3400#. Ran Guib. pkr. to 1200', pressured annulus, leaked to surface. Located leak 570-600'. Ran Baker ret. BP to 6000', dumped 20' sand on bridge plug. Perf. 5" casing @ 2625' w/4 1/2" holes. Ran drillable retainer to 2400'.
 1/9/63 Halliburton cemented through perfs. @ 2625 w/1500 sx Trinity Lite Wate + 400 sx Incor Neat cement. Did not circ. WOC 2 1/2 hrs. Recemented through perfs. @ 2625 w/700 sx Incor Neat cement. Did not circ. Back pressure valve in retainer leaked, pulled thg. WOC 6 hrs. Ran Temp survey to 1954', top cement @ 1925'. Ran full bore pkr. to 3' in 5" csg. Cement through hole 570-600 w/700 sx Incor Neat cement. Circ. to surface. Held 600# for 14 hrs. WOC 26 hrs.
 1/10/60 Drilled cement 502-612.
 1/11/63 Tested 5" csg. @ 642' w/1000# for 30 mins. Tested OK.
 1/11/63 Drilled cement 1952-2400', retainer 2400-2412', cement 2412-2488'.
 1/13/63 Ran csg. scraper to 3010'. Pulled scraper, tested 5" csg. w/2000# for 30 mins. Tested OK. Ran 2" thg. to 6000' & retrieved bridge plug.
 1/14/63 The Western Co. sand oil frac perfs. 6371-6528 w/15,000 gals refined oil + 30,000# 20-40 sand + 18 RCN ball sealers + 1/40#/gal Addomite.
 1/16/63 Ran 2" thg. to 6389', thg. perf. 6356-69', seating nipple 6355', Guib. Pkr. @ 6201'.
 1/20/63 On NMOCC Potential Test, well completed.

1. THE FBI, BOSTON OFFICE
TAC-8, TEL-8, AL-8,
BOSTON, MA 02108

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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6. *Chlorophyll a* and *Chlorophyll b* contents were determined by spectrophotometry using the method of Lichtenthaler and Wherry (1987).

1999

100

15. *W. J. S.*

1. *Phragmites* spp.