

SA, CA, FF, NEW MEXICO

APPLICATION FOR DUAL COMPLETION

Location	Well	Depth	Direction	Remarks
of Well				
1.	Has the New Mexico Oil Conservation District	111	111	111
2.	If answer is yes, identify one sample taken	111	111	111

Sinclair Oil & Gas Co., 1900 Building, 1001 North Dearborn, Chicago, Ill.

3. The following facts are submitted:

3. The following facts are submitted:		Lower Zone
a. Name of reservoir		Antelope
b. Top and Bottom of Pay Section (Perforations)		6747-6748
c. Type of production (Oil or Gas)		Oil
d. Method of Production (Flowing or Artificial Lift)		Flowing

4. The following are attached. (The rest are Y...)

Form 100-10. Diagrammatic Sketch of the cable system in intervals, tubing strings, including details of well information as the following:

- (a) Diagrammatic sketch of the cable system in intervals, tubing strings, including details of well information as the following:
 - (1) Name of well.
 - (2) Location of well.
 - (3) Name of owner.
 - (4) Name of operator.
 - (5) Name of engineer.
 - (6) Name of geologist.
 - (7) Name of geophysicist.
 - (8) Name of geochronologist.
 - (9) Name of geobotanist.
 - (10) Name of geophysicist.
 - (11) Name of geochronologist.
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 - (99) Name of geobotanist.
 - (100) Name of geophysicist.

information as the defendant has.

Yes b. But showing the location of the defendant's base, all offset wells as well as offset leases, and the names and addresses of operators of all leases offset to a particular base.

Yes c. Showing the location of the defendant's base, all offset wells as well as offset leases, and the names and addresses of operators of all leases offset to a particular base, and, in the end, evidence that said offset operators have

You c. Waivers concerning the same shall apply to all operators, or to all of the operators, of all offset operators have been furnished copies of the waivers.

d. Electrical log of the well showing the location of perforations and bottoms of producing zones, at intervals of perforation indicated thereon. (If logging is not available, a log should be prepared by the operator and submitted as previously by Rule 113-A.)

[illegible]

Shell Oil Co., Nov 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 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, 26

Lakehead Petroleum Corp., 1000-70th Ave., Edmonton, Alberta T6C 1A8

Mobil Oil Co., Box 2104, Lub 1, San Antonio

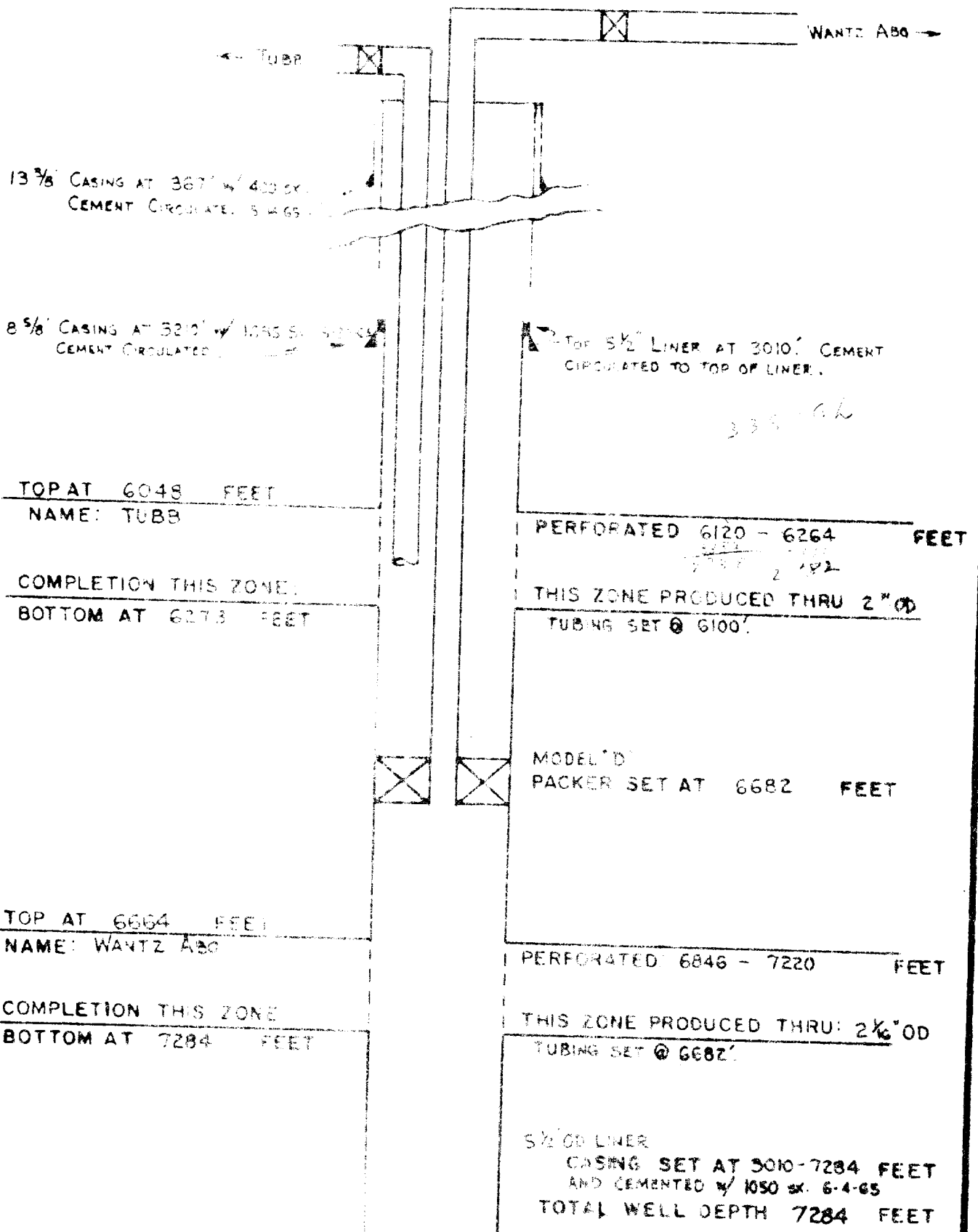
Gulf Oil Corp., Box 2177, Houston, Tex. 77251

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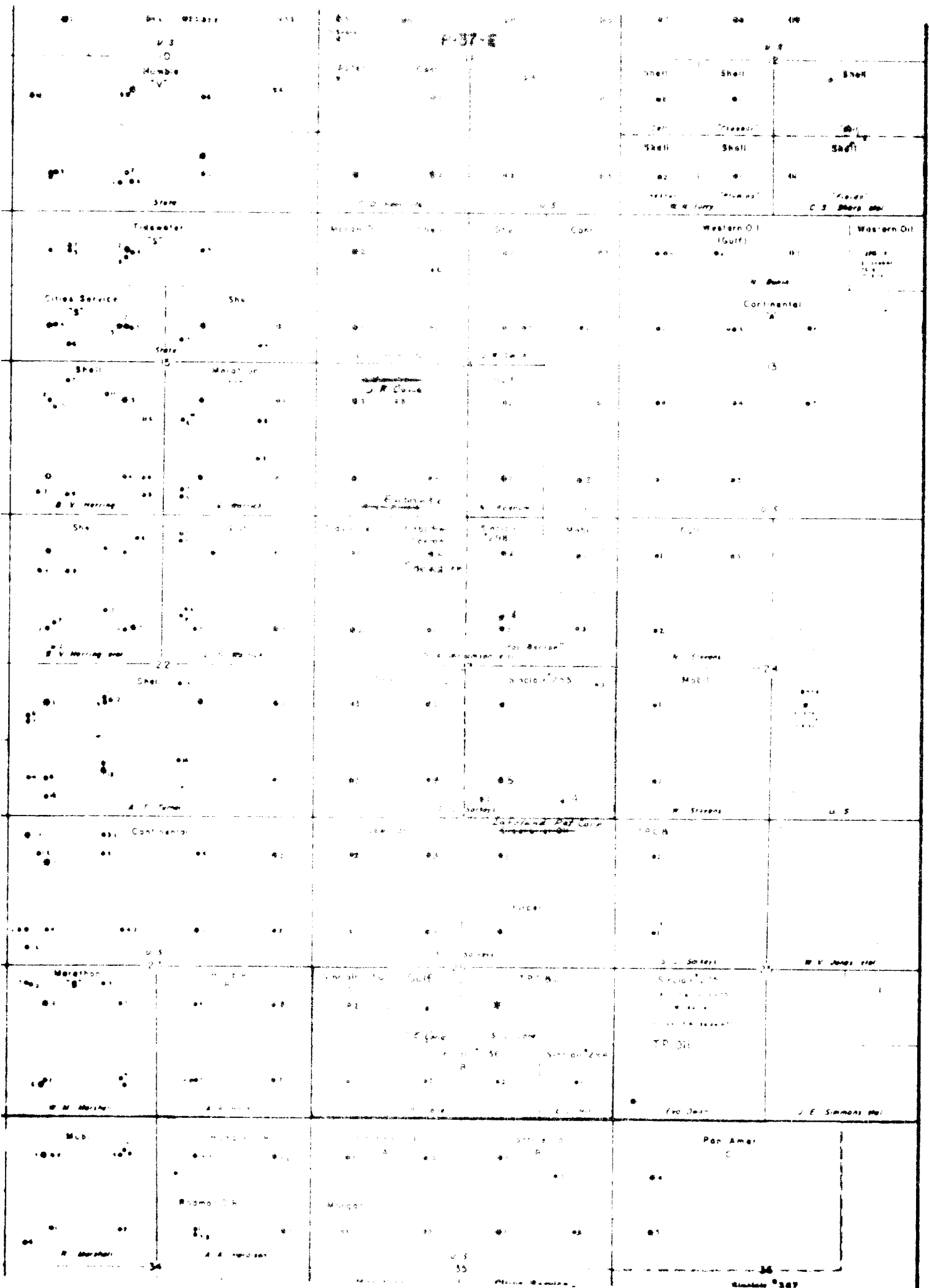
6. Were all operators listed in Item 5 notified of such notification? Yes

CERTIFICATE: I, the undersigned, do hereby certify that _____
has been employed by _____ as _____ since _____
under my supervision and direction and has received _____

DIAGRAMMATIC SKETCH SHOWING DUAL COMPLETION INSTALLATION



COMPANY SINCLAIR OIL & GAS CO.
LEASE S. J. SPRINGS WELL No. 5
FIELD WANTZ ABO & TUBB
DATE JUNE 10, 1965



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PROPERTY OF E. J. SAMPSON No. 5
 DRILL APPLICATION
 LEA COUNTY, NEW MEX.

Scale: 1" = 2000 ft

6-10-65

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

JUL 13 12 36 PM '65

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease State ☐ Fee ☒	
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name Sarkys	
9. Well No. 5	
10. Field and Pool, or Wildcat Wantz Abo	
12. County Lea	

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	2. Name of Operator Sinclair Oil & Gas Company
3. Address of Operator P. O. Box 1920, Hobbs, New Mexico	4. Location of Well UNIT LETTER 0 1980 FEET FROM THE East LINE AND 660 FEET FROM THE South LINE, SECTION 23 TOWNSHIP 21S RANGE 37E NMPM.
15. Elevation (Show whether DF, RT, GR, etc.) 3382 GL	

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐ TEMPORARILY ABANDON ☐ PULL OR ALTER CASING ☐ OTHER ☐	REMEDIAL WORK ☐ COMMENCE DRILLING OPNS. ☐ CASING TEST AND CEMENT JOB ☐ OTHER ☒ Cement Squeeze Abo, reperforate, acidize test

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

6-28-65 Cement squeeze thru perforations 6846-7220 w/250 sacks Incon cement .8 of 1 1/2 Haled 9, 5# salt per. sack and 1% Ca Chl. wt. 14.8# Max. Press. 4500#. WOC 24 hrs.

6-29-65 Drill hard cement 6846' to 7220' & wash to 7252'. Test casing and Abo perfs. 6846 to 7220'. ~~communicated to 7220' for 1 hour. Tested 0.K.~~ Tested to 1750# for 1 hour. Tested 0.K.

7-1-65 Jet perforated Abo 6876-84, 92, 6906-16, 7003-14, 20, 44, 60, 65, 78, 87, 95, 7159-92, 7221' w/3/4 - 3/8" holes. Acidized perfs. 7159-7221' w/500 gal. MCA Max. Press. 7000#. Min. 5500# @ 11 BPM. Inst. SIP 4500#. Acidized perfs. 7060-7095' w/750 gals. MCA Max. Press. 5000# & communicated w/perfs. above w/1/2 acid in hole, reset packer @ 7036' and above perfs. 7044-7095' and finish displacing acid w/Max. Press. 6000# @ 10 BPM & communicated w/perfs. above at end of treatment. Reset packer @ 6962' acidize perfs. 7003-7095' w/500 gals. Max. Press. 6400# @ 12 BPM Inst. SIP 4500#.

7-2-65 Reset packer @ 6854' acidize Abo perfs. 6876-6916' w/750 gals. MCA & communicated @ 4000#. Move packer to 6839 and complete acidizing w/Max. Press. 6500# @ 12 BPM. Inst. SIP 3700#.

7-6-65 Reset packer to 7128', acidize Abo perfs. 7159-7221' w/2000 gals. LST Max. Press. 5500#. Min. 5400# @ 12.7 BPM, communicated after 37 bbls. reset packer @ 6995'.

7-7-65 Acidized perfs. 7003-7221' w/packer set 6995' w/500 gals. cleanup sequestering flowed by 250# moth balls and 500 gals. of cleanup acid. Max. Press. 4600# @ 10.2, no break, reversed out & reset packer @ 6821'.

7-10-65 On 12 hr. pot. test ending 11:00AM 7-10-65 flowed Abo perfs. 6876-7221', 108 BND, no water on 20/64" choke, 250# Tbg Pres GOR 2780:1.

18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED W. H. Long TITLE Senior Engineer DATE 7-12-65

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Orig:2cc:OCC,Hobbs, cc:Mr.RMC,Jr. cc:file

