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January 26, 1962

New Mexico Oil Conservation Commission
P. O. Box 871
Santa Fe, New Mexico

Attn: Mr. A. L. Porter, Jr.

Gentlemen:

Attached is TEXACO's Application for a Quintuple, Tubingless Completion for its G. L. Erwin "b" NCT-2 Well No. 3 located 1980' from the south line and 330' from the east line of Section 35, T-24-S, R-37-E, Lea County, New Mexico. TEXACO plans to complete this well as a quintuple, tubingless, oil completion in the Justis, North (Ellenburger), (McKee), (Fusselman), (Tubb-Drinkard), and Undesignated (Siluro-Devonian) Pools. It is anticipated that all zones will be oil completions and will flow initially.

Order No. R-2109 dated November 1, 1961, granted TEXACO Inc. permission to complete its G. L. Erwin "b" NCT-2 Well No. 2 as a quintuple, tubingless completion in the Justis, North (Ellenburger), (McKee), (Fusselman), (Tubb-Drinkard), and Undesignated (Siluro-Devonian) Pools. Well No. 3 is to be completed in the same zones as Well No. 2 and the completion techniques approved for Well No. 2 will be utilized in the completion of Well No. 3.

Also attached is a copy of the plat showing the area immediately surrounding the TEXACO G. L. Erwin "b" NCT-2 Lease and a diagrammatic sketch of the proposed quintuple, tubingless completion. It is respectfully requested that TEXACO Inc. be granted administrative approval for this application as provided for under Rule 112-A. If additional information is desired concerning this matter, please do not hesitate to advise.

Yours very truly,

C. R. Black

C. R. Black
Assistant Division
Proration Engineer

CRB-MM
Attach.

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1. *Journal of the American Medical Association*, 1997; 277: 1033-1037.

1. The first step in the process is to identify the problem or issue that needs to be addressed. This involves gathering information and understanding the context of the problem.

...and the *Journal of the American Medical Association* (JAMA) has been the most widely cited journal in the field of medicine for over 100 years.

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, 2679, 26

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NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

7-3-58

QUINTUPLE

APPLICATION FOR ~~DUAL~~ COMPLETION

Field Name Justis, North (Ellenburger), (McKee), (Fusselman), (Tubb-Drinkard), and			County Lea	Date 1-26-1962
Operator Undesignated (Siluro-Dev) Lease TEXACO Inc.			G. L. Erwin "b" NCT-2	Well No. 3
Location of Well	Unit I	Section 35	Township T-24-S	Range R-37-E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the ~~du~~ completion of a well in these same pools or in the same zones within one mile of the subject well? YES X NO quintuple

2. If answer is yes, identify one such instance: Order No. R-2109; Operator, Lease, and Well No.: TEXACO Inc.
G. L. Erwin "b" (NCT-2) Well No. 2

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

4. The following are attached. (Please mark YES or NO)

quintuple

Yes a. Diagrammatic Sketch of the ~~du~~ Completion, showing all casing strings, including size and setting, top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.

Yes b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.

No c. Waivers consenting to such ~~du~~ completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*

No d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Corp.	P. O. Box 2167	Hobbs, New Mexico
J. B. Frost	2106 Tower Petr. Bldg.	Dallas 1, Texas
Parker Drilling Co.	Commerce Building	Houston, Texas
Amerada Petroleum Corp.	Drawer D	Monument, New Mexico
Western Natural Gas	1006 Main Street	Hobbs, New Mexico
J. C. Williamson	608 V&J Tower	Midland, Texas

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES X NO . If answer is yes, give date of such notification January 26, 1962 (by registered mail)

CERTIFICATE: I, the undersigned, state that I am the Asst. Divn. Pror. Engr. of the xx TEXACO Inc. (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

C. R. Black
C. R. Black

Signature

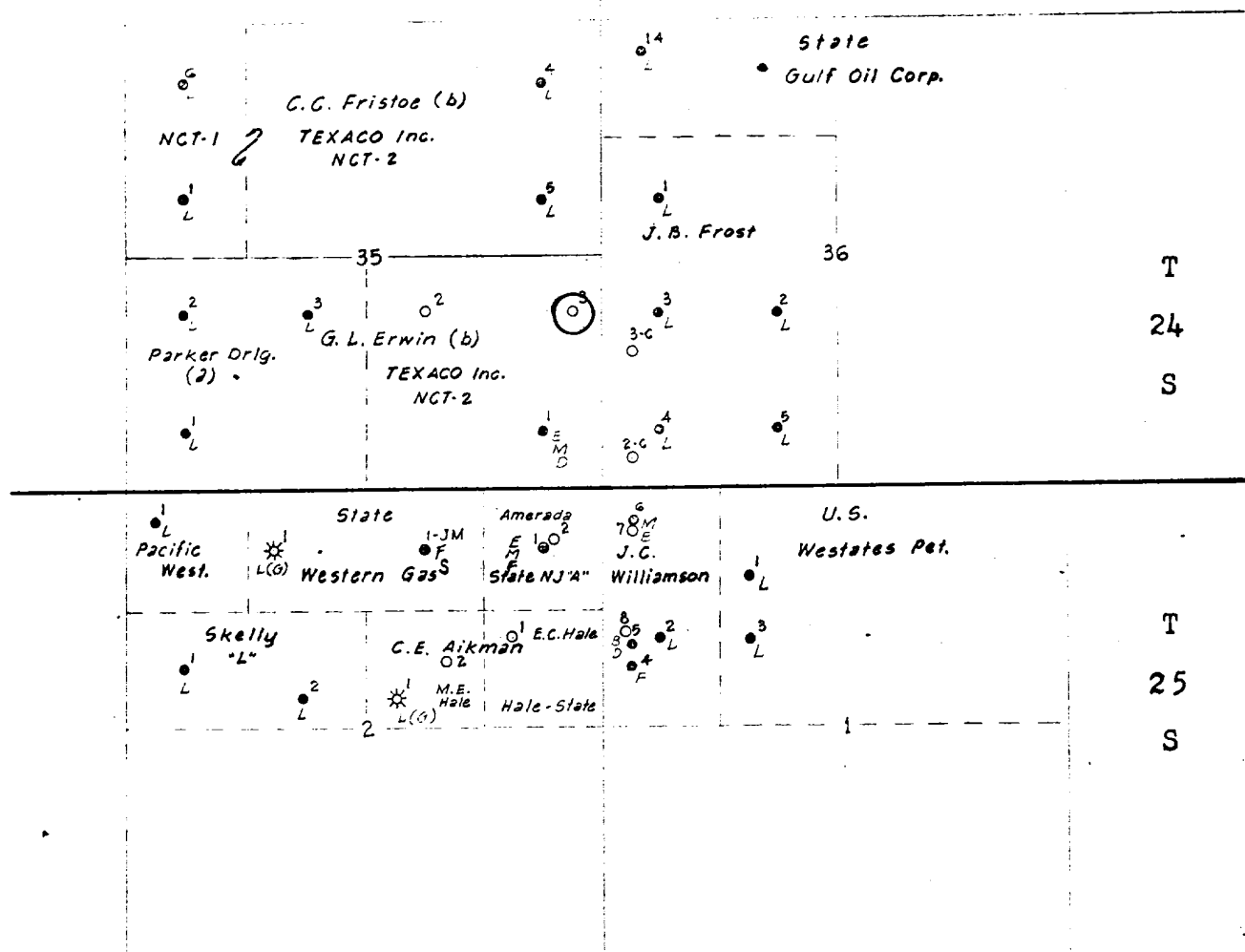
* Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed dual completion will result in an unorthodox well location and/or a non-standard proration unit in either or both of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

3. The following facts are submitted:

	ZONE V	ZONE W	ZONE X	ZONE Y	ZONE Z
a. Name of Reservoir	Drinkard	Siluro-Dev.	Fusselman	McKee	Ellenburger
b. Top and Bottom of Pay Section (Perforations)	5925'-6025'	6720'-6740'	6975'-7075'	7790'-7870'	8220'-8240'
c. Type of Production (Oil or Gas)	Oil	Oil	Oil	Oil	Oil
d. Method of Production (Flowing or Artificial Lift)	Flow	Flow (est.)	Flow	Flow	Flow

R-37-E



LEGEND

L - Longhorn (Gas)
 L(G) - Longhorn (Gas)
 E - North Justice (Ellenburger)
 M - North Justice (McKee)
 D - North Justice (Tubb-Drinkard)
 F - North Justice (Fusselman)
 B - North Justice (Blinchry)

Scale: 1" = 2000'

PLAT OF TEXACO Inc. G. L. ERWIN "b" NCT-2 LEASE
 AND OFFSET LEASES
 Lea County, New Mexico
 Scale: 1" = 2000'

OFFSET OPERATORS

J. B. Frost - 2106 Tower Petroleum Bldg. - Dallas 1, Texas
 Parker Drilling Co. - Commerce Bldg. - Houston, Texas
 Amerada - Drawer D - Monument, New Mexico
 Western Gas - 1006 Main St. - Hobbs, New Mexico
 J. C. Williamson - 608 V&J Tower - Midland, Texas
 Gulf Oil Corp. - P. O. Box 2167 - Hobbs, New Mexico

DIAGRAMMATIC SKETCH - QUINTUPLE INSTALLATION (TUBINGLESS)

TEXACO INC. G. L. ERWIN (b) NCT-2 WELL NO.

UNDESIGNATED ELLENBURGER, MCKEE, FUSSELMAN, SILURO-DEVONIAN AND DRINKARD POOLS
LEA COUNTY, NEW MEXICO

TUBING STRINGS:

All J-55 Buttress with
Special Clearance
Couplings.

Ellen.(Z), 8270' - 2-7/8" OD
McKee(Y), 8200' - 2-3/8" OD
Fuss.(X), 7400' - 2-3/8" OD
Sil-Dev(W), 7400' - 2-3/8" OD
Drink.(V), 8270' - 2-3/8" OD

Sliding Side Doors @ 4600'
and 4990'
6' pup jt. w/Rad. Coups. @ 5895'
Sliding side door @ 5875'

Top at 5905'

Name: Drinkard

Type Prod: Oil

Bottom at: 6175'

Sliding Side Door @ 6050'

Sliding Side Door @ 6700'

Top at 6620'

Name: Siluro-Devonian

Type Prod: Oil

Bottom at: 6820'

Sliding Side Door @ 6770'

Sliding Side Door @ 6850'

Top at 6870'

Name: Fusselman

Type of Prod: Oil

Bottom at 7320'

Sliding Side Door @ 8000'

Sliding Side Door @ 7620'

0' pup jt. w/Rad. Coups. @ 7720'

Top at 7642'

Name: McKee

Type Prod: Oil

Bottom at 7950'

Sliding Side Door @ 7900'

Sliding Side Door @ 8200'

Top at 8220'

Name: Ellenburger

Type Prod: Oil

Bottom at 8270'

Sliding Side Door @ 8260'

← 20" hole to 250'

← 16" casing @ 250'.
Cement Circulated

← 13-3/4" hole to 3450'

← 11-3/4" casing @ 3450'.
Cement Circulated

← 10-5/8" hole 3450' - 7400'

Perforated:

5925' - 6025' (Est.)

12' pup jt. w/Rad. Coups.
@ 6690'

Perforated:

6720' - 6740' (Est.)

8' pup jt. w/Rad. Coups. @ 6945'

Perforated:

6975' - 7075' (Est.)

Perforated:

7790' - 7870' (Est.)

← 8-3/4" hole 7400' - Total Depth

Radioactive Coupling @ 8190'

Perforated:

8220' - 8240' (Est.)

TOTAL DEPTH 8270'

CEMENT PROGRAM ON FIVE TUBING (CASING) STRINGS: Cement through 2-7/8" OD String with 1700 lbs Incor. 8% gel. with retarder. Yield = 2.19 cubic feet per sack. Calculated cement top at 2800', assuming 65% fillup. Block squeeze through Otis Type "A" Sliding Side Doors with 50 to 100 sacks of Incor neat cement at each setting to assure zone isolation.