

November 4, 1964

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

Re: Application for Triple Tubingless  
Completion, State of New Mexico "N"  
Well No. 8, Lea County, New Mexico

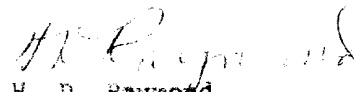
ATTENTION: Mr. A. L. Porter, Jr.

Gentlemen:

Attached is TEXACO's application for <sup>triple</sup> ~~double~~ tubingless completion for the State of New Mexico "N" Well No. 8, located 550 feet from the north line and 500 feet from the west line, Unit D, Section 30, T-17-S, R-35-E, Lea County, New Mexico. TEXACO plans to complete this well in the Vacuum (North Abo, Wolfcamp and Upper Pennsylvanian) Pools. It is anticipated that all zones will be oil completions. Approval has been granted previously by the New Mexico Oil Conservation Commission for these zones in TEXACO Inc. State of New Mexico "Q" Well No. 4 by Order No. MC-1420, amended.

Also attached is a copy of the plat showing the area immediately surrounding TEXACO's State of New Mexico "N" Lease and a diagrammatic sketch of the proposed triple tubingless completion. It is respectfully requested that TEXACO Inc. be granted administrative approval for this application as provided for under Rule 112-A.

Yours very truly,



H. D. Raymond  
Assistant District Superintendent

WPY/om

cc:NMOCC, Hobbs  
Offset Operators

Attachments

1961-1962

1961-1962

1961-1962

1961-1962

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## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator <b>TEXACO Inc.</b>		County <b>Lea</b>		Date <b>November 4, 1964</b>
Address <b>Box 728, Hobbs, New Mexico</b>		Lease <b>St. N. M. "N"</b>		Well No. <b>8</b>
Location or Well	Unit <b>D</b>	Section <b>30</b>	Township <b>17 South</b>	Range <b>35 East</b>

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

2. If answer is yes, identify one such instance: Order No. **MC-1420**; Operator, Lease, and Well No.:

**TEXACO Inc. State of New Mexico "Q" Well No. 4**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Vacuum North Abo</b>	<b>Vacuum Wolfcamp</b>	<b>Vacuum U. Penn.</b>
b. Top and Bottom of Pay Section (Perforations)	<b>Est. 9100' - 9250'</b>	<b>9600' - 9900'</b>	<b>10,000' - 10,100'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>	<b>Oil</b>	<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Pump</b>	<b>Flow</b>	<b>Flow</b>

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

- Yes** a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and /or turbolizers and location thereof, quantities used and 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 multiple 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.

**Humble Oil & Refining Company, Box 2100, Hobbs, New Mexico**

**Mobil Oil Company, Box 2406, Hobbs, New Mexico**

**Shell Oil Company, Box 1858, Roswell, New Mexico**

**Marathon Oil Company, Box 220, Hobbs, New Mexico**

**Pacific Western, c/o Tidewater Oil Company, Box 249, Hobbs, New Mexico**

**Sinclair Oil & Gas Company, 520 E. Broadway, Hobbs, New Mexico**

**Skelly Oil Company, Box 38, Hobbs, New Mexico**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☐ NO ☐ . If answer is yes, give date of such notification **November 4, 1964**

CERTIFICATE: I, the undersigned, state that I am the **Asst. Dist. Supt.** of **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.

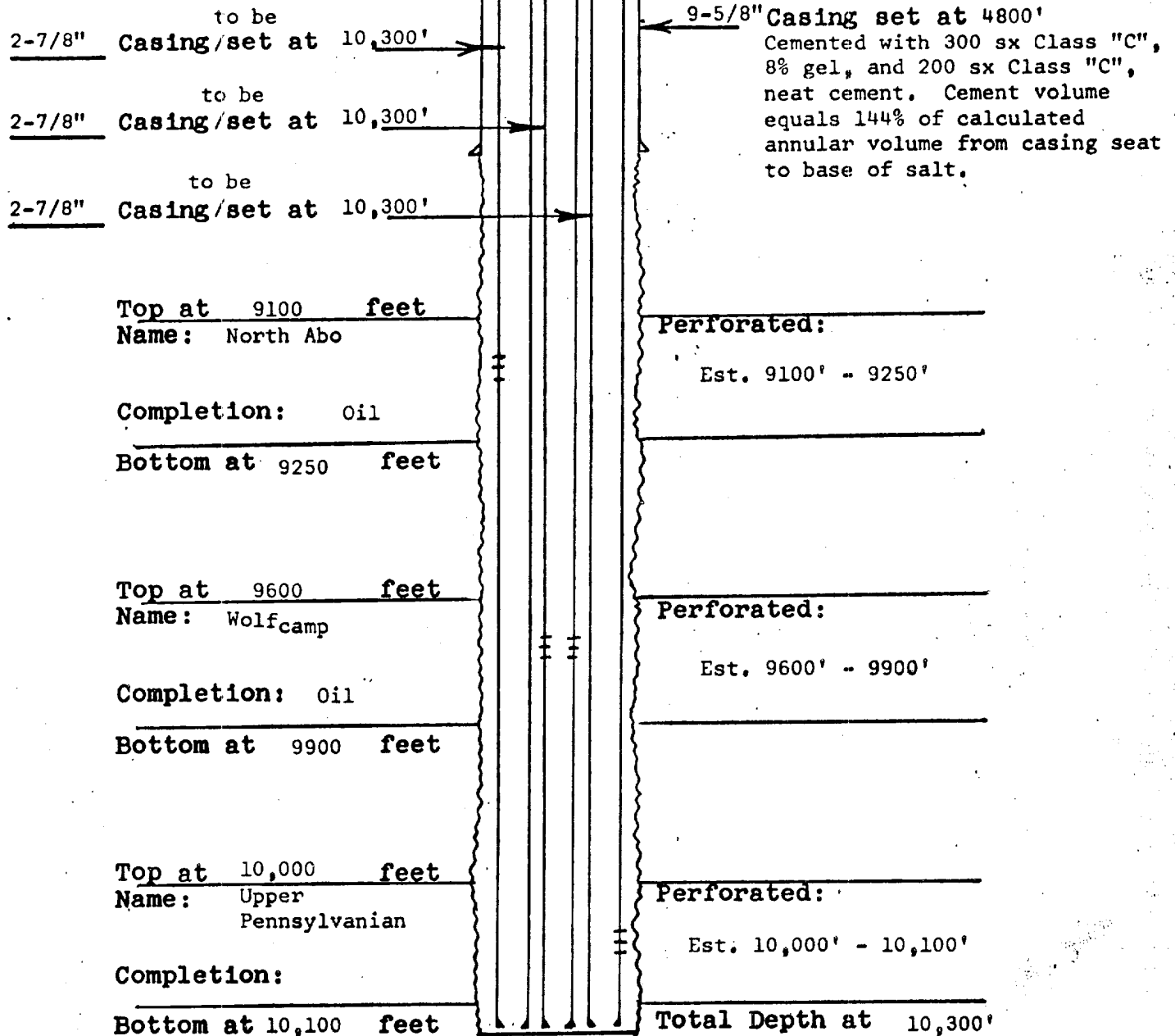
**H. D. Raymond**

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 multiple 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.

**NOTE:** 2-7/8" casing to be cement with 600 sacks Class "C" 2% gel, and 1200 sacks Class "C" 4% gel, cement. Cement volume equals 242% of calculated annular volume from TD to intermediate casing seat.



TEXACO Inc.

**Lease:** State of New Mexico "N" Well No. 8  
**Field:** Vacuum (North Abo, Wolfcamp & Upper Pennsylvanian)  
**Date:** November 4, 1964



November 4, 1964

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico

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Completion, State of New Mexico "N"  
Well No. 8, Lea County, New Mexico

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

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Yours very truly,

  
H. D. Raymond  
Assistant District Superintendent

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cc: NMOCC, Hobbs  
Offset Operators

Attachments

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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1947. The following is a list of the names of the persons who were present at the meeting of the Board of Directors of the American Red Cross, held on the 15th day of January, 1947, at the Hotel New York, New York.

[illegible]

DATE: 1/24/2008

1. *Pharmaceuticals* (1997) 10: 101-102.  
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 104. *Pharmaceuticals* (2100) 113: 101-102.  
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 110. *Pharmaceuticals* (2106) 119: 101-102.

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6. *Chlorophyll content* was determined by the method of Arar and Cook (1980).

## NEW MEXICO OIL CONSERVATION COMMISSION

SANTA FE, NEW MEXICO

5-1-61

## APPLICATION FOR MULTIPLE COMPLETION

Operator <b>TEXACO Inc.</b>		County <b>Lea</b>	Date <b>November 4, 1964</b>
Address <b>Box 728, Hobbs, New Mexico</b>		Lease <b>St. N. M. "N"</b>	Well No. <b>8</b>
Location or Well	Unit <b>D</b>	Section <b>30</b>	Township <b>17 South</b>
			Range <b>35 East</b>

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

2. If answer is yes, identify one such instance: Order No. **MC-1429**; Operator, Lease, and Well No.:

**TEXACO Inc. State of New Mexico "Q" Well No. 4**

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	<b>Vacuum North Abo</b>	<b>Vacuum Wolfcamp</b>	<b>Vacuum U. Penn.</b>
b. Top and Bottom of Pay Section (Perforations)	<b>Est. 9100' - 9250'</b>	<b>9600' - 9900'</b>	<b>10,000' - 10,100'</b>
c. Type of production (Oil or Gas)	<b>Oil</b>	<b>Oil</b>	<b>Oil</b>
d. Method of Production (Flowing or Artificial Lift)	<b>Pump</b>	<b>Flow</b>	<b>Flow</b>

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

**Yes** a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and 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 multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.\*

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

**Humble Oil & Refining Company, Box 2100, Hobbs, New Mexico**

**Mobil Oil Company, Box 2406, Hobbs, New Mexico**

**Shell Oil Company, Box 1858, Roswell, New Mexico**

**Marathon Oil Company, Box 220, Hobbs, New Mexico**

**Pacific Western, c/o Tidewater Oil Company, Box 249, Hobbs, New Mexico**

**Sinclair Oil & Gas Company, 520 E. Broadway, Hobbs, New Mexico**

**Skelly Oil Company, Box 38, Hobbs, New Mexico**

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☐ NO ☐ . If answer is yes, give date of such notification **November 4, 1964**

CERTIFICATE: I, the undersigned, state that I am the **Asst. Dist. Supt.** of **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.

**H. D. Raymond**

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 multiple 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.

**Skelly Oil Co., Box 38, Hobbs, New Mexico**



**NOTE:** 2-7/8" casing to be cemented with 600 sacks Class "C" 2% gel, and 1200 sacks Class "C" 4% gel, cement. Cement volume equals 242% of calculated annular volume from TD to intermediate casing seat.

to be  
2-7/8" Casing/set at 10,300'

to be  
2-7/8" Casing/set at 10,300'

to be  
2-7/8" Casing/set at 10,300'

Top at 9100 feet  
Name: North Abo

Completion: Oil

Bottom at 9250 feet

Top at 9600 feet  
Name: Wolfcamp

Completion: Oil

Bottom at 9900 feet

Top at 10,000 feet  
Name: Upper  
Pennsylvanian

Completion:

Bottom at 10,100 feet

North Abo (Oil)

Wolfcamp (Oil)

Upper Pennsylvanian (Oil)

13-3/8" Casing set at 374'  
Cement circulated

9-5/8" Casing set at 4800'  
Cemented with 300 sx Class "C",  
8% gel, and 200 sx Class "C",  
neat cement. Cement volume  
equals 144% of calculated  
annular volume from casing seat  
to base of salt.

Perforated:

Est. 9100' - 9250'

Perforated:

Est. 9600' - 9900'

Perforated:

Est. 10,000' - 10,100'

Total Depth at 10,300'

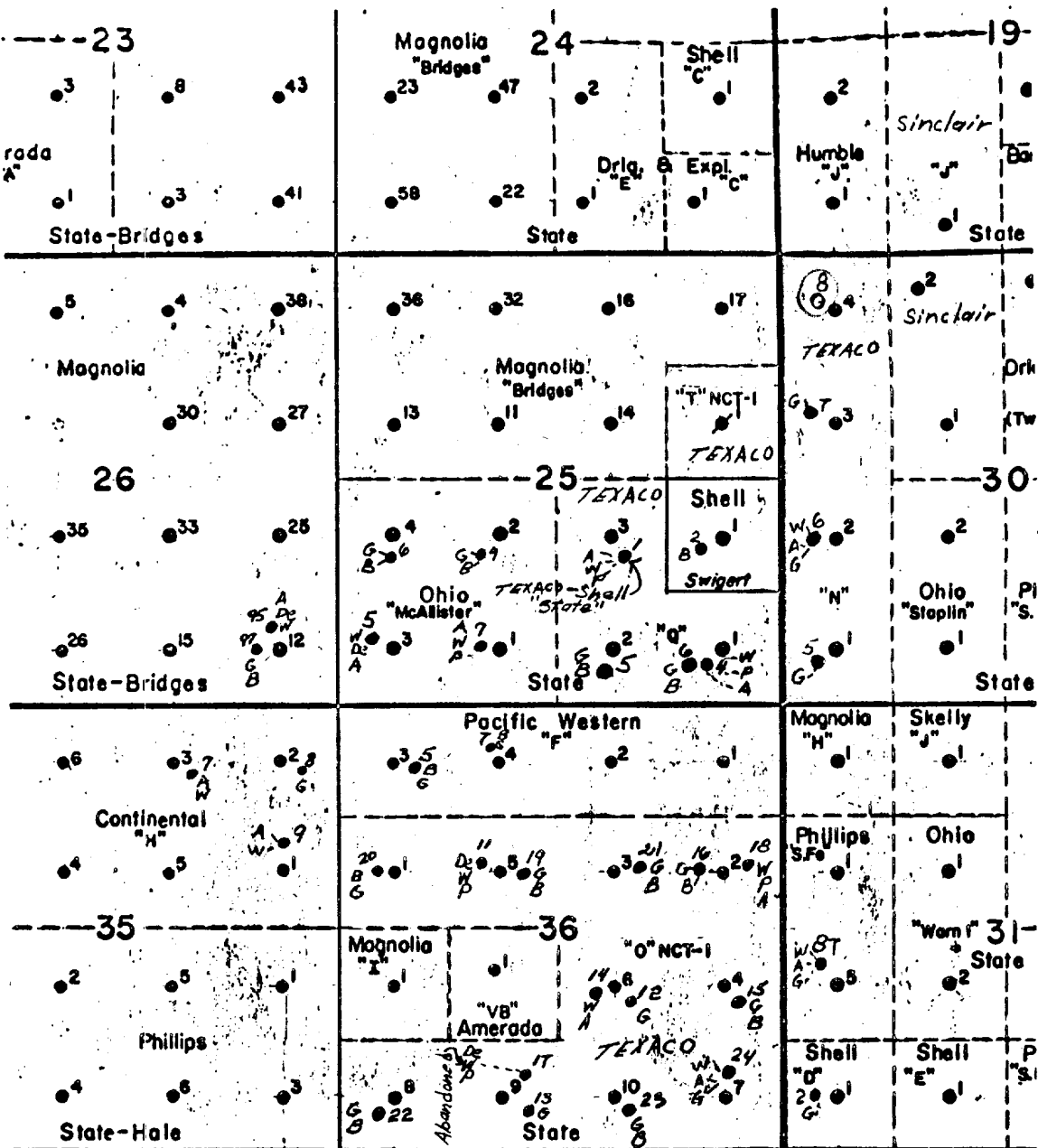
TEXACO Inc.

**Lease:**  
**Field:**  
**Date:**

State of New Mexico "N" Well No. 8  
Vacuum (North Abo, Wolfcamp & Upper Pennsylvanian)  
November 4, 1964

T-17-S

T-17-S



R-34-E

R-35-E

TEXACO Inc.

State of New Mexico "N" Lease  
Vacuum Field  
Lea County, New Mexico  
Scale: 1" = 2000'

Legend

A - Abo, North  
B - Blinbry  
De - Devonian  
G - Glorieta  
P - Pennsylvanian  
W - Wolfcamp

Offset Operators

Humble Oil & Refining Co., Box-2100, Hobbs, N.M.  
Mobil Oil Co., Box 2406, Hobbs, New Mexico  
Shell Oil Co., Box 1858, Roswell, N. M.  
Marathon Oil Co., Box 220, Hobbs, N. M.  
Pacific Western, & Tidewater Oil Co.  
P. O. Box 249, Hobbs, New Mexico  
Sinclair Oil & Gas Co., 520 E. Broadway  
Hobbs, New Mexico  
Skelly Oil Co., Box 38, Hobbs, New Mexico