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LAND OFFICE	
TRANSPORTER	OIL GAS
PRODUCTION OFFICE	
OPERATOR	

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

(Form C-104)  
Revised 7/1/57

## REQUEST FOR (OIL) - (GAS) ALLOWABLE

JAN 26 1963

New Well  
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

Hobbs, New Mexico

January 25, 1963

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

Tenneco Corporation\* USA-Fitzgerald NMO40750A

Well No. 4, in SE 1/4 NE 1/4,

(Company or Operator)

(Lease)

H, Sec. 24, T. 15-S, R. 28-E, NMPM., Undesignated Land Pool

Unit Letter

Chaves

County. Date Spudded 12-4-62

Date Drilling Completed 12-8-62

Please indicate location:

Elevation 3936 (DF)

Total Depth 3138 PBD 3110

Top Oil/Gas Pay 2854

Name of Prod. Form. San Andres

PRODUCING INTERVAL -

Perforations 2877, 2935, 2953, 2956, 2997, 3006-08, 3057, 3082-84, 3088-90, 3094-96

Open Hole \_\_\_\_\_ Depth \_\_\_\_\_ Casing Shoe 3137 Depth \_\_\_\_\_ Tubing 2898

OIL WELL TEST -

Natural Prod. Test: \_\_\_\_\_ bbls. oil, \_\_\_\_\_ bbls. water in \_\_\_\_\_ hrs, \_\_\_\_\_ min. Size \_\_\_\_\_

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of

load oil used): 20 bbls. oil, 16 bbls. water in 24 hrs, 0 min. Size 13-48" SPM  
1 1/2" Pump

GAS WELL TEST -

Natural Prod. Test: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_ Choke Size \_\_\_\_\_

Method of Testing (pitot, back pressure, etc.): \_\_\_\_\_

Test After Acid or Fracture Treatment: \_\_\_\_\_ MCF/Day; Hours flowed \_\_\_\_\_

Choke Size \_\_\_\_\_ Method of Testing: \_\_\_\_\_

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): 1000 gals. acid, 1700 BO 90,000# sand

Casing \_\_\_\_\_ Tubing \_\_\_\_\_ Date first new \_\_\_\_\_  
Press. 0 Press. 0 oil run to tanks January 19, 1963

Oil Transporter The Permian Corporation

Gas Transporter None

Remarks: \*By its Managing Agent Tenneco Oil Company

I hereby certify that the information given above is true and complete to the best of my knowledge.  
Approved \_\_\_\_\_, 19\_\_\_\_

Tenneco Oil Company

(Company or Operator)

By: A. W. Lang A. W. Lang  
(Signature)

Title District Production Superintendent

Send Communications regarding well to:

Name Tenneco Oil Company

Address Box 307, Hobbs, New Mexico

OIL CONSERVATION COMMISSION

By: M. L. Armstrong

Title OIL AND GAS INSPECTOR

USA-Fitzgerald NMO40750-A No.4  
Unit H, Section 24, T-15-S, R-28-E  
Chaves County, New Mexico

DEVIATION SURVEYS

<u>Depth</u>	<u>Degrees of Deviation</u>
102	1/4
225	1/2
300	1
900	1
1528	3/4
2047	1
2542	1 1/2
2823	1/2
3138	1/2

AFFIDAVIT

State of New Mexico


County of Lea

Before me on this day personally appeared A. W. Lang, known to me to be the person whose name is subscribed to this instrument, who after being duly sworn on Oath states that he represents Tenneco Oil Company in the capacity of District Production Superintendent and that said report of Deviation Surveys contains no misstatements or inaccuracies and that no pertinent matter has been omitted, and that affiant is duly authorized to make this affidavit.

TENNECO OIL COMPANY

  
A. W. Lang

Sworn to and subscribed before me this 25th day of January, 1963.

 Notary Public in and for Lea County, New Mexico.

My Commission Expires February 13, 1966.

Y Y L L T T D D

1. *Chlorophyll a* (Chl *a*)

*Journal of Management Studies*, 37(6), 809-824.

[illegible][illegible]

1. The first of these is the fact that the Commission has not yet received any information from the Government of the United States regarding the activities of the Committee for the Liberation of the People of the South (CLPS) in the United States. This is a serious omission, as the Commission is unable to assess the extent of the Committee's activities or the impact of its propaganda campaign. The Commission is therefore requesting the Government of the United States to provide the Commission with the following information:

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

[illegible]
$$x^2 + 2x + 1 = (x+1)^2 \quad \text{and} \quad x^2 - 2x + 1 = (x-1)^2$$

4. *Chlorophyll a* and *Chlorophyll b* contents were determined by the method of Lichtenthal and Whistler (1973).

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**NEW MEXICO OIL CONSERVATION COMMISSION**  
**SANTA FE, NEW MEXICO**  
**CERTIFICATE OF COMPLIANCE AND AUTHORIZATION**  
**TO TRANSPORT OIL AND NATURAL GAS**

**FORM C-110**  
 (Rev. 7-60)

FILE THE ORIGINAL AND 4 COPIES WITH THE APPROPRIATE OFFICE

Company or Operator <b>Tenneco Corporation by its Managing Agent Tenneco Oil Company</b>				Lease <b>USA-Fitzgerald NMO40750-A</b>		Well No. <b>4</b>	
Unit Letter <b>H</b>	Section <b>24</b>	Township <b>15-S</b>	Range <b>28-E</b>	County <b>Chaves</b>			
Pool <b>Undesignated</b> <i>Land Jack Sa</i>				Kind of Lease (State, Fed, Fee) <b>Federal</b>			
If well produces oil or condensate give location of tanks			Unit Letter <b>M</b>	Section <b>19</b>	Township <b>15-S</b>	Range <b>29-E</b>	
Authorized transporter of oil <input checked="" type="checkbox"/> or condensate <input type="checkbox"/>  <b>The Permian Corporation</b>				Address (give address to which approved copy of this form is to be sent)  <b>Box 4157, Midland, Texas</b>			
Is Gas Actually Connected? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>							
Authorized transporter of casing head gas <input type="checkbox"/> or dry gas <input type="checkbox"/>  <b>None</b>			Date Connected	Address (give address to which approved copy of this form is to be sent)			

If gas is not being sold, give reasons and also explain its present disposition:

**Gas Pipe line not available. Produced gas is vented.**

REASON(S) FOR FILING (please check proper box)

New Well ..... ☒  
 Change in Transporter (check one)  
   Oil ..... ☐ Dry Gas .... ☐  
   Casing head gas . ☐ Condensate.. ☐

Change in Ownership ..... ☐  
 Other (explain below)

**RECEIVED**  
**JAN 28 1963**  
**O. O. C.**  
**ARTESIA, OFFICE**

Remarks

The undersigned certifies that the Rules and Regulations of the Oil Conservation Commission have been complied with.

Executed this the 25th day of January, 1963.

OIL CONSERVATION COMMISSION

Approved by

Title

Date

By

Title

Company

Address

*M. L. Armstrong*  
**OIL AND GAS INSPECTOR**

*A. W. Lang* **A. W. Lang**

**District Production Superintendent**

**Tenneco Oil Company**

**Box 307, Hobbs, New Mexico**

**JAN 25 1963**