

**NEW MEXICO OIL CONSERVATION COMMISSION**  
Santa Fe, New Mexico

**RECEIVED**  
MAY 11 1937  
**RECEIVED**

**NOTICE OF INTENTION TO DRILL**

Notice must be given to the Oil Conservation Commission or its proper agent and approval obtained before drilling begins. If changes in the proposed plan are considered advisable, a copy of this notice showing such changes will be returned to the sender. Submit this notice in triplicate. One copy will be returned following approval. See additional instructions in Rules and Regulations of the Commission.

Hobbs, New Mexico

May 7, 1937

OIL CONSERVATION COMMISSION,  
Santa Fe, New Mexico

Place

Date

Gentlemen: -

You are hereby notified that it is our intention to commence the drilling of a well to be known as Stanolind

F. W. Turner

Jr.

Company or Operator

Lease

Well No. 1

in NW 1/4 of the NW 1/4

of Sec. 20

T. 30 S.

R. 38 E.

N. M. P. M., Monument

Field, Lee

County.

N.

The well is 660' feet [NW] [S.] of the North line and 660' feet

[E.] [NW] of the West line of Sec 20-30-38

(Give location from section or other legal subdivision lines. Cross out wrong directions.)

If state land the oil and gas lease is No. \_\_\_\_\_ Assignment No. \_\_\_\_\_

If patented land the owner is F. W. Turner

Address Unknown

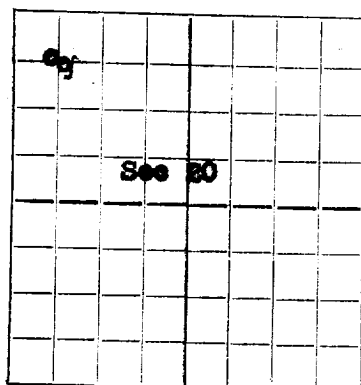
If government land the permittee is \_\_\_\_\_

Address \_\_\_\_\_

The lessee is Stanolind Oil & Gas Company

Address Philcade Bld'g, Tulsa, Oklahoma

We propose to drill well with drilling equipment as follows: \_\_\_\_\_



AREA 640 ACRES  
LOCATE WELL CORRECTLY

**Rotary Method**

The status of a bond for this well in conformance with Rule 39 of the General Rules and Regulations of the Commission is as follows Bond on file with Commission

We propose to use the following strings of casing and to land or cement them as indicated:

Size of Hole	Size of Casing	Weight Per Foot	New or Second Hand	Depth	Landed or Cemented	Sacks Cement
17"	15"	50	Used	300	Cemented	Back to surface
12 1/2"	9 5/8"	36	New	1500	"	325-600 #
8 1/2"	7"	24	New	3800	"	300

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil or gas sand should occur at a depth of about 3800 feet.

Additional information:

We propose to drill with rotary tools to an approximate depth of 4000' unless oil or gas in commercial quantities is encountered at a lesser depth w/ casing program as outlined above. All work to be done in accordance with the best oil field procedure and in conformance with all oil & gas regulations of the State of New Mexico.

Approved MAY 11 1937 19\_\_\_\_ except as follows:

Sincerely yours,

**DUPLICATE**

Stanolind Oil and Gas Company  
Company or Operator

By Ralph L. Hendrickson

Position \_\_\_\_\_

Send communication regarding well to

Name R. L. Hendrickson

Address Box F - Hobbs, New Mexico

OIL CONSERVATION COMMISSION,

By Guy Shepard

Title Oil & Gas Inspector

3 CR.

$$G(\mathbf{y}) = \frac{1}{2} \mathbf{y}^T \mathbf{A} \mathbf{y} + \mathbf{b}^T \mathbf{y} + c, \quad \mathbf{y} \in \mathbb{R}^n$$
[illegible]

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The concentration of the *Agrobacterium* suspension was 1.0, 0.5, 0.25, 0.125, 0.0625, 0.03125, 0.015625, 0.0078125, 0.00390625, 0.001953125, 0.0009765625, 0.00048828125, 0.000244140625, 0.0001220703125, 0.00006103515625, 0.000030517578125, 0.0000152587890625, 0.00000762939453125, 0.000003814697265625, 0.0000019073486328125, 0.00000095367431640625, 0.000000476837158203125, 0.0000002384185791015625, 0.00000011920928955078125, 0.000000059604644775390625, 0.0000000298023223876953125, 0.00000001490116119384765625, 0.000000007450580596923828125, 0.0000000037252902984619140625, 0.00000000186264514923095703125, 0.000000000931322574615478515625, 0.0000000004656612873077392578125, 0.00000000023283064365386962890625, 0.000000000116415321826934814453125, 0.0000000000582076609134674072265625, 0.00000000002910383045673370361328125, 0.000000000014551915228366851806640625, 0.0000000000072759576141834259033203125, 0.00000000000363797880709171295166015625, 0.000000000001818989403545856475830078125, 0.0000000000009094947017729282379150390625, 0.00000000000045474735088646411895751953125, 0.000000000000227373675443232059478759765625, 0.0000000000001136868377216160297393798828125, 0.00000000000005684341886080801486968994140625, 0.000000000000028421709430404007434844970703125, 0.0000000000000142108547152020037174224853515625, 0.00000000000000710542735760100185871124267578125, 0.000000000000003552713678800500929355621337890625, 0.0000000000000017763568394002504646778106689453125, 0.00000000000000088817841970012523233890533447265625, 0.000000000000000444089209850062616169452667236328125, 0.0000000000000002220446049250313080847263336181640625, 0.00000000000000011102230246251565404236316680908203125, 0.000000000000000055511151231257827021181583404541015625, 0.0000000000000000277555756156289135105907917022705078125, 0.00000000000000001387778780781445675529539585113525390625, 0.000000000000000006938893903907228377647697925567626953125, 0.0000000000000000034694469519536141888238489627838134765625, 0.00000000000000000173472347597680709441192448139190673828125, 0.000000000000000000867361737988403547205962240695953369140625, 0.0000000000000000004336808689942017736029811203479766845703125, 0.00000000000000000021684043449710088680149056017398834228515625, 0.000000000000000000108420217248550443400745280086994171142578125, 0.0000000000000000000542101086242752217003726400434970855712890625, 0.00000000000000000002710505431213761085018632002174854278564453125, 0.000000000000000000013552527156068805425093160010874271392822265625, 0.0000000000000000000067762635780344027125465800054371356964111328125, 0.00000000000000000000338813178901720135627329000271856784820556640625, 0.000000000000000000001694065894508600678136645001359283924102783203125, 0.0000000000000000000008470329472543003390683225006796419620511416015625, 0.00000000000000000000042351647362715016953416125033982098102557080078125, 0.000000000000000000000211758236813575084767080625169910490512785400390625, 0.0000000000000000000001058791184067875423835403125849552452563927001953125, 0.00000000000000000000005293955920339377119177015629247762262819635009765625, 0.000000000000000000000026469779601696885595885078146238811314098175048828125, 0.0000000000000000000000132348898008493442779425390731169056570490875244140625, 0.00000000000000000000000661744490042467213897126953655845282852454376220703125, 0.000000000000000000000003308722450212336069485634768279226414262271881103515625, 0.0000000000000000000000016543612251061680347428173841396132071311359405517578125, 0.00000000000000000000000082718061255308401737140869206980660356556797027587890625, 0.000000000000000000000000413590306276542008685704346034903301782783985137939453125, 0.0000000000000000000000002067951531382710043428521730174516508913919925689697265625, 0.00000000000000000000000010339757656913550217142608650872582544569599628448486328125, 0.000000000000000000000000051698788284567751085713043254362912722847998142242431640625, 0.0000000000000000000000000258493941422838755428565216271814563614239990711212158203125, 0.000000000000000000000000012924697071

$$f(x) = \begin{cases} 1 & \text{if } x \in \mathbb{Q} \\ 0 & \text{if } x \notin \mathbb{Q} \end{cases}$$

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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ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

10. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1010 spectrophotometer.