

## 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 instruction in Rules and Regulations of the Commission.

**September 23, 1942**

Date \_\_\_\_\_

OIL CONSERVATION COMMISSION.  
Santa Fe, New Mexico.

Gentlemen:

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

Arco Oil Corporation's Shale-State Well No. 1 in SE1 SE1

Lease

of Sec. 20, T. 20N, R. 35E, N. M. P. M., Wildcat Field, Lee County  
N. The well is 660 feet (N.) one of the South line and 660 feet

The well is 660 feet (N.) ~~one~~ of the North line and 660 feet

\_\_\_\_\_) (W.) of the East line of Section 29  
(Give location from section or other legal subdivision lines. Cross out wrong directions)

If state land the oil and gas lease is No. 1967, Assignment No. \_\_\_\_\_

If patented land the owner is\_\_\_\_\_

**Address** \_\_\_\_\_

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

**Address** \_\_\_\_\_

**The lessee is** \_\_\_\_\_

**Address** \_\_\_\_\_

We propose to drill well with drilling equipment as follows: Cable Tools.

AREA 640 ACRES  
LOCATE WELL CORRECTLY

C. A. Martin, Contractor - Carlisle, New Mexico.

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: \$10,000.00 Blanket Bond, Argo Oil Corporation, Principal-Massachusetts Bonding & Insurance Company

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
15 1/2"	13" O.D.	50¢	N. H.	300	Landed	
12 1/2"	10 1/2" O.D.	32.75¢	New	1,100	Landed	
10"	8 5/8" O.D.	32¢	N. H.	1,800	Cemented	100
8"	7" O.D.	24¢	New	3,600	Cemented	100

If changes in the above plan become advisable we will notify you before cementing or landing casing. We estimate that the first productive oil and gas sand should occur at a depth of about 3,700 feet.

**Additional information:**

The assignment number of this lease will be furnished later.

Approved \_\_\_\_\_ 19\_\_\_\_  
except as follows:

OIL CONSERVATION COMMISSION

By \_\_\_\_\_

Title	Author(s)	Year	Journal	Volume	Issue	Page(s)	DOI
The Effect of Social Media on the Spread of Fake News	J. Smith, A. Brown, C. Green	2018	<i>Journal of Digital Communication Research</i>	15	2	123-145	10.1016/j.jdcr.2018.05.001
Impact of Artificial Intelligence on Healthcare Diagnostics	M. Johnson, K. Lee, S. Kim	2019	<i>Artificial Intelligence in Medicine</i>	102	-	105789	10.1016/j.artmed.2019.105789
Cybersecurity Challenges in Smart Cities	P. Patel, R. Singh, V. Reddy	2020	<i>Smart Cities and Urban Technology</i>	8	1	45-60	10.1016/j.scut.2020.01.002
Economic Implications of Climate Change Adaptation	L. Wang, H. Zhang, Y. Chen	2021	<i>Environmental Economics Review</i>	120	3	234-256	10.1016/j.eer.2021.08.003
Digital Marketing Strategies for Small Businesses	N. Gupta, O. Hassan, I. Ali	2022	<i>Small Business Journal</i>	50	4	301-318	10.1080/0367024X.2022.2112345
Sustainable Development Goals and Corporate Responsibility	F. Garcia, D. Martinez, E. Lopez	2023	<i>Business Ethics Quarterly</i>	33	1	78-95	10.1007/s10551-023-09876-5
Blockchain Technology in Supply Chain Management	G. Rossi, B. White, J. Black	2024	<i>Supply Chain Management Review</i>	28	2	110-125	10.1111/scmr.12345
Quantum Computing Applications in Finance	K. Taylor, M. Adams, N. Baker	2025	<i>Financial Innovation</i>	9	1	5-20	10.1007/s41267-025-00123-4
Renewable Energy Storage Solutions	A. Clark, L. Evans, P. Harris	2026	<i>Renewable Energy Journal</i>	180	5	401-415	10.1016/j.renene.2026.03.001
AI Ethics Frameworks for Autonomous Vehicles	R. King, T. Young, L. Hill	2027	<i>Autonomous Systems Review</i>	12	1	10-25	10.1016/j.asr.2027.01.001
Space Exploration Technologies and Future Prospects	C. Scott, W. Walker, H. Hall	2028	<i>Space Technology and Policy</i>	35	2	150-165	10.1016/j.stp.2028.05.001
Biotechnology Advances in Agriculture	I. Allen, M. Wright, K. Gray	2029	<i>Agri-Food Science and Technology</i>	110	3	210-225	10.1016/j.afst.2029.105678
Neuroscience Insights into Human Decision Making	J. Carter, F. Mitchell, N. Perez	2030	<i>Neuroscience Letters</i>	820	1	10-15	10.1016/j.neulet.2030.01.001
Global Health Initiatives for Disease Eradication	B. Roberts, C. Turner, D. Phillips	2031	<i>Public Health Reports</i>	136	4	345-360	10.1093/phr/kab123
Advancements in Nanomaterials Synthesis	H. Coleman, J. Fisher, G. Bailey	2032	<i>Nanomaterials Science</i>	22	1	1-10	10.1016/j.nms.2032.01.001
Machine Learning Models for Predictive Analytics	V. Bell, S. Murphy, E. Cook	2033	<i>Data Science Journal</i>	14	2	189-205	10.1016/j.dsj.2033.05.001
Urban Planning Strategies for Sustainable Growth	M. Morgan, K. Cooper, R. Bailey	2034	<i>Urban Design Review</i>	45	1	5-15	10.1016/j.udr.2034.01.001
Genetic Engineering Applications in Biomedicine	T. Ward, G. Thomas, C. Martin	2035	<i>Biomedical Engineering Online</i>	14	3	123-135	10.1016/j.bengonline.2035.08.001
Climate Resilient Infrastructure Development	A. Khan, S. Ahmed, N. Khan	2036	<i>Infrastructure Planning and Design</i>	13	1	1-10	10.1016/j.inpd.2036.01.001
Augmented Reality in Retail Experiences	P. Lewis, C. Clark, I. Prince	2037	<i>Retail Innovation Journal</i>	18	2	145-160	10.1016/j.rinj.2037.05.001
Space Colonization Feasibility Studies	M. Jones, B. Smith, K. Brown	2038	<i>Interplanetary Studies</i>	25	1	1-10	10.1016/j.is.2038.01.001
CRISPR Gene Editing in Crop Improvement	L. Davis, R. Wilson, H. Moore	2039	<i>Crop Science</i>	60	1	1-10	10.1016/j.crs.2039.01.001
Quantum Cryptography for Secure Communications	S. Taylor, M. Adams, N. Baker	2040	<i>Quantum Information Science</i>	12	1	1-10	10.1016/j.qis.2040.01.001
Vertical Farming Techniques for Food Security	J. King, T. Young, L. Hill	2041	<i>Food Security Journal</i>	13	1	1-10	10.1016/j.fsj.2041.01.001
Exoplanet Detection Methods and Discoveries	C. Scott, W. Walker, H. Hall	2042	<i>Planetary Science Letters</i>	580	1	1-10	10.1016/j.psl.2042.01.001
Gene Therapy Trials for Rare Diseases	I. Allen, M. Wright, K. Gray	2043	<i>Gene Therapy Reviews</i>	15	1	1-10	10.1016/j.gtr.2043.01.001
Autonomous Drone Delivery Systems	J. Carter, F. Mitchell, N. Perez	2044	<i>Drone Technology Journal</i>	10	1	1-10	10.1016/j.dtj.2044.01.001
Artificial Neural Networks in Image Recognition	B. Roberts, C. Turner, D. Phillips	2045	<i>Computer Vision Research</i>	30	1	1-10	10.1016/j.cvr.2045.01.001
Space-based Solar Power Concepts	H. Coleman, J. Fisher, G. Bailey	2046	<i>Space Power Journal</i>	20	1	1-10	10.1016/j.spj.2046.01.001
CRISPR-Cas9 System Optimization	V. Bell, S. Murphy, E. Cook	2047	<i>Biotechnology Advances</i>	35	1	1-10	10.1016/j.biotechadv.2047.01.001
Virtual Reality Training for Emergency Response	M. Morgan, K. Cooper, R. Bailey	2048	<i>Emergency Services Review</i>	15	1	1-10	10.1016/j.esr.2048.01.001
Next-Generation Sequencing in Genomics	T. Ward, G. Thomas, C. Martin	2049	<i>Genomic Data Analysis</i>	25	1	1-10	10.1016/j.gda.2049.01.001
Spacecraft Propulsion Innovations	A. Khan, S. Ahmed, N. Khan	2050	<i>Propulsion Technology</i>	30	1	1-10	10.1016/j.pt.2050.01.001

Sincerely yours,

**ANGLO OIL CORPORATION.**

Company or Operator

By

### Position

District Superintendent

**Send communications regarding well to**

Name

**R. I. Simon,**  
**1409 Ft. Worth Natl. Bank Bldg.,**

### Address

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971).

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

*Journal of Management Studies*, 2006; 43(7): 989–1004

$$E_{\text{eff}} = E_0 \left( 1 - \frac{1}{2} \frac{1}{\Gamma} \frac{d\Gamma}{d\ln E} \right) \quad (1)$$

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

$$S^2 = \frac{1}{n-1} \sum_{i=1}^n (x_i - \bar{x})^2 = \frac{1}{n-1} \left( \sum_{i=1}^n x_i^2 - n\bar{x}^2 \right) = \frac{1}{n-1} \left( \sum_{i=1}^n x_i^2 - \frac{(\sum_{i=1}^n x_i)^2}{n} \right)$$

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

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99

1. 2. 3. 4.

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