

HANAGAN  
PETROLEUM  
CORPORATION

PHONE 505 - 623-5053  
J. P. WHITE BUILDING  
POST OFFICE BOX 1737  
ROSWELL, NEW MEXICO

December 1, 1964

New Mexico Oil Conservation Commission  
P. O. Box 1980  
Hobbs, New Mexico

Re: Hanagan Petroleum Corporation #1-M, Township 12 South, Range 34  
East, Lea County, New Mexico.

Dear Sir:

The following lists of drift surveys taken on the subject well by the  
Totco method are as follows:

| Depth | Inclination          | Depth   | Inclination          | Depth   | Inclination          |
|-------|----------------------|---------|----------------------|---------|----------------------|
| 103'  | $\frac{1}{4}$ deg.   | 6790'   | $\frac{1}{4}$ deg.   | 10,363' | 2 $\frac{1}{4}$ deg. |
| 306'  | $\frac{1}{4}$ deg.   | 7058'   | $\frac{3}{4}$ deg.   | 10,464' | 2 $\frac{1}{4}$ deg. |
| 396'  | $\frac{1}{4}$ deg.   | 7410'   | $\frac{3}{4}$ deg.   | 10,585' | 2 $\frac{1}{4}$ deg. |
| 850'  | $\frac{3}{4}$ deg.   | 7660'   | $\frac{1}{2}$ deg.   | 10,864' | 2 $\frac{3}{4}$ deg. |
| 1290' | $\frac{1}{2}$ deg.   | 8127'   | 1 deg.               | 10,945' | 3 deg.               |
| 1775' | $\frac{3}{4}$ deg.   | 8329'   | 1 deg.               | 11,030' | 3 $\frac{1}{4}$ deg. |
| 2110' | $\frac{3}{4}$ deg.   | 8407'   | $\frac{3}{4}$ deg.   | 11,148' | 2 $\frac{3}{4}$ deg. |
| 2567' | $\frac{3}{4}$ deg.   | 8632'   | $\frac{3}{4}$ deg.   | 11,330' | 3 deg.               |
| 3106' | 1 deg.               | 8790'   | 1 deg.               | 11,406' | 3 $\frac{1}{2}$ deg. |
| 3520' | 1 $\frac{1}{2}$ deg. | 8925'   | 1 deg.               | 11,524' | 3 $\frac{1}{4}$ deg. |
| 3733' | 1 deg.               | 9033'   | 1 $\frac{1}{2}$ deg. | 11,616' | 3 deg.               |
| 4129' | deg.                 | 9136'   | 1 deg.               | 11,665' | 3 $\frac{1}{4}$ deg. |
| 4489' | deg.                 | 9270'   | 1 $\frac{1}{4}$ deg. | 11,730' | 3 $\frac{1}{2}$ deg. |
| 4782' | deg.                 | 9409'   | $\frac{1}{2}$ deg.   | 11,828' | 3 $\frac{1}{4}$ deg. |
| 5115' | deg.                 | 9608'   | $\frac{3}{4}$ deg.   | 12,026' | 3 deg.               |
| 5491' | $\frac{3}{4}$ deg.   | 9702'   | 1 deg.               | 12,218' | 2 deg.               |
| 5870' | deg.                 | 9825'   | 1 $\frac{3}{4}$ deg. | 12,305' | 2 $\frac{1}{4}$ deg. |
| 6207' | deg.                 | 9965'   | 1 $\frac{3}{4}$ deg. | 12,431' | 1 $\frac{3}{4}$ deg. |
| 6537' | $\frac{3}{4}$ deg.   | 10,133' | 1 $\frac{3}{4}$ deg. |         |                      |
|       |                      | 10,243' | 1 $\frac{3}{4}$ deg. |         |                      |

Yours very truly,  
HANAGAN PETROLEUM CORPORATION

By Hugh E. Hanagan  
Hugh E. Hanagan,  
Vice President

Sworn to and subscribed  
in my presence this  
1st day of December, 1964

Lucille M. Myers  
Notary Public LUCILLE M. MYERS

My Commission expires

MY COMMISSION EXPIRES AUGUST 16, 1967

[illegible]

the 1990s, the number of people in the world who are illiterate has increased from 1.2 billion to 1.5 billion. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is projected to reach 1.7 billion by the year 2015.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 250 million to 450 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

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1. The first step in the process of creating a new product is to identify a market need. This involves conducting market research to understand the preferences and behaviors of potential customers. Once a need is identified, the next step is to develop a concept that addresses this need. This concept should be unique, valuable, and feasible. The third step is to create a prototype, which is a preliminary model of the product. This allows the team to test the concept and make necessary adjustments. The fourth step is to conduct a feasibility study, which evaluates the technical, financial, and operational aspects of the product. Finally, the product is launched into the market, and the team monitors its performance and customer feedback to make further improvements.

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1. *Journal of the American Medical Association*, 2000; 283: 2686-2692.

1994, 1995, 1996, 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, 26