

W.T. - N.M.  
Province

Melba Goins #1  
Lease—Tract—Well No.

Teague Devonian  
Field—Pool—Producing Zone

Lea, N.M.  
County State

DRILL STEM TESTS

|  |               |             |             |                |
|--|---------------|-------------|-------------|----------------|
| Drill Stem Test No.  | 9             | 10          | 11          | 12             |
| Date   | 5-10-52       | 5-11-52     | 5-22-52     | 5-23-52        |
| Name of Test Tool  | Johnston      | Johnston    | Johnston    | Johnston       |
| Kind of Packer   | 6 5/8" Form   | 6 5/8" Form | 6 5/8" Form | 6 5/8" Form    |
| Depth of Hole  | 9305          | 9305        | 9800        | 9825           |
| Depth--Bottom of Packer  | 9164          | 9190        | 9760        | 9788           |
| Name--Formation Tested   | Mc Kee Sand   | Mc Kee Sand | Ellenburger | Ellenburger    |
| Interval Tested (If Open Hole, so State; or If Perforated casing, Give Top and Bottom of Perforations) | 9164 - 9305   | 9190 - 9305 | 9760 - 9800 | 9788 - 9825    |
| Water Load   |               | 2000'       | 1500'       | 1500'          |
| Chokes (Bottom and Top)  | Packer Failed | 5/8" - 1"   | 5/8" - 1"   | 5/8" - 1"      |
| Total Length of Time Tool Open   |               | One hour    | One hour    | One hour       |
| No. of Times & Elapsed Time Tool Opened Each Attempt   |               | Once        | Once        | Once           |
| Surface Reaction: Type and Elapsed Time  |               |             |             |                |
| (1) Air  |               | *           | **          | Fair inc to go |
| (2) Gas  |               | None        | None        | None           |
| (3) Water Load (Specify if Charged with Oil or Gas)  |               | None        | None        | None           |
| (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)   |               | None        | None        | None           |
| (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)  |               | None        | None        | None           |
| (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)                                       |               | None        | None        | None           |
| Recovery Fluid in Feet from Drill Pipe   |               |             |             |                |
| (1) Water Load   |               | 2000'       | 1500'       | 1500'          |
| (2) Mud  |               | 30' Drlg.   | 20' Drlg.   | None           |
| (3) Oil and Gas  |               | None        | None        | None           |
| (4) Water--Kind? (i.e. Salt or Sulphur, Fresh, etc.)   |               | None        | None        | ***            |
| BHP Flowing  |               | 950#        | 650#        | 925#           |
| BHP Shut In  |               | 950#        | 650#        | 1625#          |
| Rate Flow Oil and Gas  |               | None        | None        | None           |
| Gas/Oil Ratio BS & W   |               | None        | None        | None           |

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

\* Fair blow, dec. & died in 20 min.

\*\* Very weak blow, died in 10 min.

\*\*\* Rec. 180' mid cut salt water & 1200' saltwater

DRILL STEM TESTS

|  |                  |  |  |  |
|--|------------------|--|--|--|
| Drill Stem Test No.  | 13               |  |  |  |
| Date   | 6-15-52          |  |  |  |
| Name of Test Tool  | Johnston         |  |  |  |
| Kind of Packer   | 5 1/2" Hookwall  |  |  |  |
| Depth of Hole  | 7300'            |  |  |  |
| Depth--Bottom of Packer  | 7136             |  |  |  |
| Name--Formation Tested   | Devonian         |  |  |  |
| Interval Tested (If Open Hole, so State; or If Perforated casing, Give Top and Bottom of Perforations) | 7218 - 7270      |  |  |  |
| Water Load   | None             |  |  |  |
| Chokes (Bottom and Top)  | 5/8" - 1"        |  |  |  |
| Total Length of Time Tool Open   | 50 hours         |  |  |  |
| No. of Times & Elapsed Time Tool Opened Each Attempt   |                  |  |  |  |
| Surface Reaction: Type and Elapsed Time  |                  |  |  |  |
| (1) Air  | Good blow        |  |  |  |
| (2) Gas  | Surf in 34 min   |  |  |  |
| (3) Water Load (Specify if Charged with Oil or Gas)  | Started          |  |  |  |
| (4) Drilling Mud (Specify if Cut with oil, Gas and/or Water)   | Swabbing         |  |  |  |
| (5) Oil/Gas (Estimate or Guage Quantity; % B. S. & /or water)  |                  |  |  |  |
| (6) Water (Specify kind and if cut with Oil and/or Gas or B. S.)                                       |                  |  |  |  |
| Recovery Fluid in Feet from Drill Pipe   |                  |  |  |  |
| (1) Water Load   |                  |  |  |  |
| (2) Mud  |                  |  |  |  |
| (3) Oil and Gas  | 830' oil         |  |  |  |
| (4) Water--Kind? (i.e. Salt or Sulphur, Fresh, etc.)   | 270 sulfur water |  |  |  |
| BHP Flowing  | 950#             |  |  |  |
| BHP Shut In  | Not obtained     |  |  |  |
| Rate Flow Oil and Gas  |                  |  |  |  |
| Gas/Oil Ratio BS & W   |                  |  |  |  |

REMARKS: (Should Indicate Reaction after Tool Closed and While Coming out of Hole. Specify.)

Above Correct—Signature

Title District Foreman

Date 7-2-52

IT IS RECOMMENDED THIS INFORMATION BE COMPILED ON DERRICK FLOOR AND ORIGINAL BE PERMANENTLY RETAINED IN WELL RECORD.

[illegible]

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

[illegible]

— 100 —

— *Journal of the American Medical Association*, 1997

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 expected to reach 1.7 billion by the year 2015. The number of illiterate people in the world is expected to reach 1.7 billion by the year 2015.

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

100

**Abstract**

100

*Journal of Management Studies*, 19(1), 67-80.

2003

*Journal of Management Studies*, 19(1), 67-80.

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