

Form 9-330

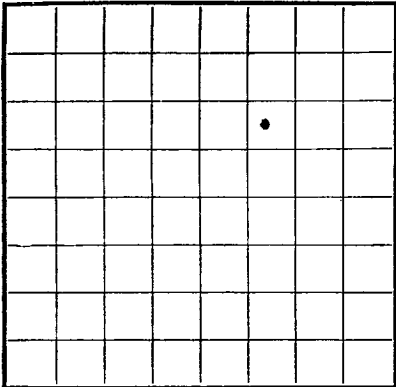
U. S. LAND OFFICE Santa Fe

SERIAL NUMBER 076337

LEASE OR PERMIT TO PROSPECT _____

Heath Gas Unit "B"

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company Stanolind Oil and Gas Company Address Box 591, Tulsa, Oklahoma
Lessor or Tract Heath Gas Unit "B" Field Blanco-Mesa Verde State New Mexico
Well No. 1 Sec. 9 T 29N R 9W Meridian NMPM County San Juan
Location 1650 ft. W of N Line and 1650 ft. W of E Line of Section 9 Elevation See Remarks
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed R. B. Sperry

Date November 12, 1953 Title Field Superintendent

The summary on this page is for the condition of the well at above date.

Commenced drilling October 3, 1953 Finished drilling October 15, 1953

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 2306 to 2390 (G) No. 4, from _____ to _____
No. 2, from 3932 to 4514 (G) No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from _____ to _____ No. 3, from _____ to _____
No. 2, from _____ to _____ No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>9-5/8"</u>	<u>32.3</u>	<u>8</u>	<u>Nat'l</u>	<u>261</u>	<u>Guide</u>				
<u>7"</u>	<u>24</u>	<u>8</u>	<u>3400</u>	<u>1045</u>	<u>Guide</u>				
<u>2-3/8"</u>	<u>4.7</u>	<u>8</u>	<u>J & L</u>	<u>1667</u>			<u>4661</u>	<u>4667</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>9-5/8"</u>	<u>272</u>	<u>190</u>	<u>Displacement</u>		
<u>7"</u>	<u>3880</u>	<u>320</u>	<u>Displacement</u>		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
<u>4 1/2"</u>	<u>Pin Torpedo</u>	<u>Hercules Slow Detonating</u>	<u>1830 qt.</u>	<u>10/16/53</u>	<u>3935-4690</u>	<u>4690</u>

TOOLS USED

Rotary tools were used from 0 feet to 4690 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

October 19, 1953 Put to producing _____, 19____
The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____
If gas well, cu. ft. per 24 hours 4,443,000 Gallons gasoline per 1,000 cu. ft. of gas _____
Rock pressure, lbs. per sq. in. 1,072

EMPLOYEES

C. R. Mcanes, Driller W. H. Lingo, Driller
N. P. Cooper, Driller _____, Driller

FORMATION RECORD

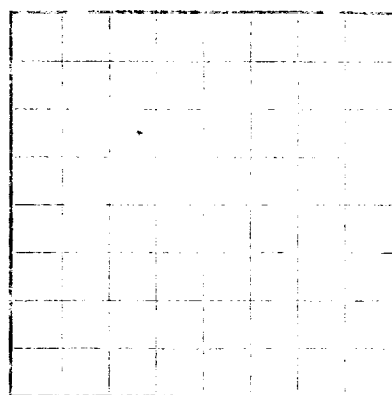
FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>272</u>	<u>272</u>	<u>Surface sand and rocks.</u>
<u>272</u>	<u>2306</u>	<u>2034</u>	<u>Sand and shale</u>
<u>2306</u>	<u>2390</u>	<u>84</u>	<u>Sand (T. Pictured Cliffs - 2306)</u>
<u>2390</u>	<u>3932</u>	<u>1542</u>	<u>Shale</u>
<u>3932</u>	<u>4107</u>	<u>175</u>	<u>Sand (T. Cliffhouse - 3932)</u>
<u>4107</u>	<u>4514</u>	<u>437</u>	<u>Sand and shale (T. Menefee - 4107)</u>
<u>4514</u>	<u>4618</u>	<u>74</u>	<u>Sand (T. Point Lookout - 4514)</u>
<u>4618</u>	<u>4690</u>	<u>72</u>	<u>Shale (T. Mancos - 4618)</u>

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

PLEASE ON PERMIT TO PROSPECT
SERIAL NUMBER
U. S. LAND OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL



The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

of _____
_____ of _____
_____ County _____ State _____
_____ Address _____

SECRET

IMPORTANT WATER SANDS

Well was spudded at 1:30 A.M., and drilled to a depth of 4690 feet with rotary rig. The casing was cemented at 3880 feet with 320 sacks of cement. Then well was drilled to a total depth of 4690 feet with rotary rig by using gas for drilling from 3880 to 4690 feet.

HISTORY OF OIL OR GAS WELL

MUDDING AND CEMENTING RECORD

[illegible]

PLUGS AND ADAPTERS

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	100
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SHOOTING RECORD

Sl. No.	Explosive used	Quantity	Date	Depth used	Depth cleaned out
1	1000	1000	10/10/10	1000	1000

TOOLS USED

test	of test	most basic test	of test	most basic test
test	of test	most basic test	of test	most basic test

LEADS

ft gas well, can it per 24 hours	_____	_____	_____
crude oil per 24 hours	_____	_____	_____
water; and _____ segment.	_____	_____	_____
The production for the first 24 hours was	_____	_____	_____
barrels of fluid of which _____ was oil; _____	_____	_____	_____
But in producing _____	_____	_____	_____

EMPLOYEES

	Diller				
Diller					

FORMATION RECORD

FROM -	TO -	TOTAL FEET	FORMATION
	54	54	CLAY
	55	55	CLAY
	56	56	CLAY
	57	57	CLAY
	58	58	CLAY
	59	59	CLAY
	60	60	CLAY
	61	61	CLAY
	62	62	CLAY
	63	63	CLAY
	64	64	CLAY
	65	65	CLAY
	66	66	CLAY
	67	67	CLAY
	68	68	CLAY
	69	69	CLAY
	70	70	CLAY
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	84	84	CLAY
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	86	86	CLAY
	87	87	CLAY
	88	88	CLAY
	89	89	CLAY
	90	90	CLAY
	91	91	CLAY
	92	92	CLAY
	93	93	CLAY
	94	94	CLAY
	95	95	CLAY
	96	96	CLAY
	97	97	CLAY
	98	98	CLAY
	99	99	CLAY
	100	100	CLAY