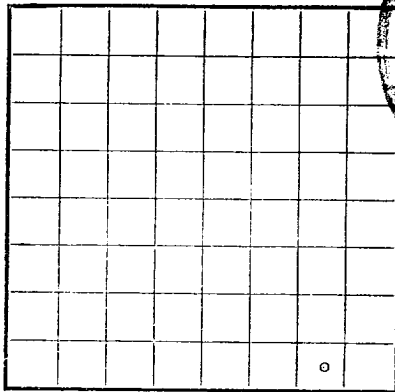
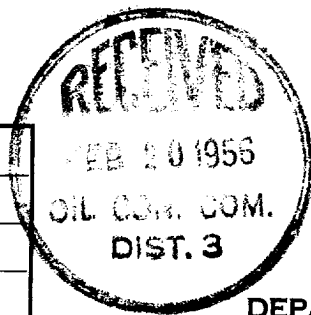


U. S. LAND OFFICE Santa Fe
SERIAL NUMBER 14-20-603-1228
LEASE OR PERMIT TO PROSPECT _____

LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Phillips Petroleum Co. Address _____
Lessor or Tract _____ Field _____ State New Mexico
Well No. 1 Itahnip Sec. 9 T. 25N R. 12W Meridian _____ County San Juan
Location 330 ft. N of 3 Line and 990 ft. W of E Line of SW, SE, S Elevation 6208
(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 Earl SturmDate Feb. 14, 1956 Title Dist. Supt.

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

Commenced drilling 12-5-55, 19 55 Finished drilling 1-4, 19 56

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 4630 to 4658 No. 4, from _____ to _____
No. 2, from 4730 to 4752 No. 5, from _____ to _____
No. 3, from 4763 to 4800 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>10-3/4</u>	<u>32.75</u>	<u>8 Rd.</u>		<u>189.64</u>	<u>Texas Pattern</u>				<u>Surface Csg.</u>
<u>7"</u>	<u>23#</u>	<u>8 Rd.</u>		<u>788.78</u>	<u>Reamer Guide</u>				
<u>7"</u>	<u>23#</u>	<u>8 Rd.</u>		<u>10.16</u>					<u>Top Jts.</u>
				<u>4880.25</u>	<u>total pipe set</u>				

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>10-3/4</u>	<u>205</u>	<u>225 sacks</u>	<u>Hal. Plug</u>	<u>45</u>	<u>50 sks gel</u>
<u>7"</u>	<u>4880.25</u>	<u>200 sacks</u>	<u>Thru. retainer</u>	<u>55</u>	<u>425 sacks gel quab. 800#500#</u> <u>caustic soda 400#30da 1sh</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

TOOLS USED

Rotary tools were used from 0 feet to 4880 feet, and from _____ feet to _____ feet
Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

1-14, 19 56 Put to producing Feb. 16, 19 56The production for the first 24 hours was 180 barrels of fluid of which 100 % was oil; _____ %
emulsion; _____ % water; and _____ % sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

Bing Harris, Driller _____, Driller
Bill Douglas - Tool Pusher, _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
<u>0</u>	<u>150</u>	<u>150</u>	<u>Tertiary - Sands and shales</u>
<u>150</u>	<u>1110</u>	<u>960</u>	<u>Kirtland-Fruitland - Shales and thin sand beds</u> <u>with coal bed at the base</u>
<u>1110</u>	<u>1263</u>	<u>153</u>	<u>Pictured Cliffs - Water bearing sand with</u> <u>intermittent shale breaks</u>
<u>1263-</u>	<u>1450</u>	<u>187</u>	<u>Lords - Shale</u>
<u>1450</u>	<u>1830</u>	<u>380</u>	<u>Chacra - Sand with shale stringers, primarily</u> <u>shale in lower part</u>
<u>1830</u>	<u>2838</u>	<u>1008</u>	<u>La Yantana - Intermittent sand (prob. water)</u> <u>and shale beds</u>
<u>2838</u>	<u>3528</u>	<u>690</u>	<u>Cliff House - Massive sand layers (water) with</u> <u>200 ft. of shale and small sand stringers</u> <u>at base. (This lower some may be Mancos)</u>
<u>3528-</u>	<u>3718</u>	<u>190</u>	<u>Hosta-Point Lookout - Water bearing sands with</u> <u>minor shale breaks</u>
<u>3718</u>	<u>4555</u>	<u>837</u>	<u>Mancos - Shale with occasional thin sand</u> <u>stringers</u>
<u>4555</u>	<u>4880</u>	<u>325</u>	<u>Gallup - Interbedded sand and shale. Good oil</u> <u>shows with some possible gas sands.</u>

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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, 2680, 26

[illegible]

COPIES OF RECORD

[illegible]

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

HISTORY OF OIL OR GAS WELL

FROM-	TO-	TOTAL FEET	OVERLAP	FORMATION	10-42094-9
1 -	1092	1142		50' recd 49.5' 6.5' sd 1/2' coal 3' sand 2' coaly shal	
2 -	1142	1192		50' recd 50' 2' sd & sh. 1 1/2' sd 4' sd & sh. 6' sd. shaly 9' sd. 25' sd.	
3 -	3528	3578		50' recd 50' 3528-3547 shaly sand 3547-3578 sand.	
4 -	4693	4665		32' recd 32' 4663-4665 sd stone light gray vert. frag. black shale w/ sd streaks 4663-4665 sd. lime.	
5 -	4667	4717		50' recd 50' 4667-4681 dark gr. shale interbedded w/ lime. odor bleeding oil. 4681-4690 porous lime stone, good odor 4690-4708 shale 4708-4717 limestone interbedded w/ shale, good odor, vertical fractures thru out core.	
6 -	4717	4767		50' out recd 50' 4717-4727 shaly shale 4727-4754 good odor & stain 4754-4767 shale 4767-4782 sand.	
7 -	4768	4819		cut 51' recd 51' 4768-4819 sand & good odor, stain & fluor. third out core. 4791-4800 & 4806-4819 looks very good.	
8 -	4819	4835		cut 16' recd 15.8' 4819-4822 shale, 4822-4834 red. stain sand & shaly shale.	
9 -	4835	4858		cut 24' recd 24' 4835-4840 sand 4840-4858 shale.	
10 -	1094	1192		Open 1 hr. closed 30" for 1 hr. mud initl. & closed 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl.	
2 -	3535	3578		Open 2 hrs. closed 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl.	
3 -	3600	3726		Open 1 hr. closed 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl.	
4 -	4632	4665		Open 1 hr. closed 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl.	
5 -	4717	4727		Open 1 hr. closed 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl. 30" for 1 hr. mud initl.	