

U. S. LAND OFFICE Alamogordo
SERIAL NUMBER 200
LEASE OR PERMIT TO PROSPECT -----

RECEIVED
20 1960
OIL CON. COM. DEPA
DIST. 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

LOCATE WELL CORRECTLY

Company Southern Union Gas Company Address 1434 Fidelity Union Trust Building

Lessor or Tract Alvarilla Field Tapanite P.C. State New Mexico

Well No. 6-D Sec. 31 T. 26N R. 9W Meridian N.M.P.M. County Rio Arriba

Location 990 ft. N. of N. Line and 1690 ft. E. of W. Line of Section 31 Elevation 7170 G.L.

(Derrick floor relative to sea level)

I, _____, certify that the above is a true and correct record of the well and all work done thereon

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. Original Signed By: _____
Signed P. J. CLOTE _____

Date July 27, 1960 Paul J. Cloe Title mgr., Drilling & Production

Date July 21, 1960
The summary on this page is for the condition of the well at above date.
Commenced drilling June 22, 1960, 1960 Finished drilling July 8, 1960, 1960
J. J. JONES

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

(Denote gas by G.)

No. 1, from <u>3735</u> to <u>3768</u> (G)	No. 4, from _____ to _____
No. 2, from <u>3790</u> to <u>3802</u> (G)	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

RED SANDS

IMPORTANT WATER SANDS

No. 1, from _____ to _____

No. 2, from _____ to _____

No. 3, from _____ to _____

No. 4, from _____ to _____

CASING RECORD

[illegible]

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
9-5/8	215	110	Ballston		
4-1/2	3075	260	Ballston		
1-1/2	3718 K.B.				

PLUGS AND ADAPTERS

PLUGS AND ADAPTERS

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

SHOOTING RECORD

SHOOTING RECORD

SHOOTING RECORD						
Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
Traced w/100,000/ sand, 72,500 gals. water, dropped 120 rubber balls 12-43 BFM						

TOOLS USED

TOOLS USED

Rotary tools were used from 0 feet to 369 feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

DATES

TEST DATA		DATES	
_____ , 19____		Put to producing _____ , 19____	
July 11, 1960	_____ , 19____	barrels of fluid of which _____ % was oil; _____ %	
The production for the first 24 hours was _____		Gravity, °Bé. _____	
emulsion; _____ % water; and _____ % sediment.		Gallons gasoline per 1,000 cu. ft. of gas _____	
If gas well, cu. ft. per 24 hours 6167			
Rock pressure, lbs. per sq. in. 12,250 MCTPD			
CONC. 4		UNIT OXIDES	

EMPLOYEES

S. S. James Wall Servicing	Driller	H. B. Williams	Driller
D. B. Wedgworth	Driller	Jack Le Bleu	

FORMATION RECORD **Jack Le Bleu**

D. B. Wedgworth		FORMATION RECORD	
FROM—	TO—	TOTAL FEET	FORMATION
-0-	224	224	Surface
224	1155	931	Shale and bentonite
1155	3869 TD	2714	Sand & shale
			TOPS: 3665' Pictured Cliff
		LCCLIFF EXCEL	LOCA 74102

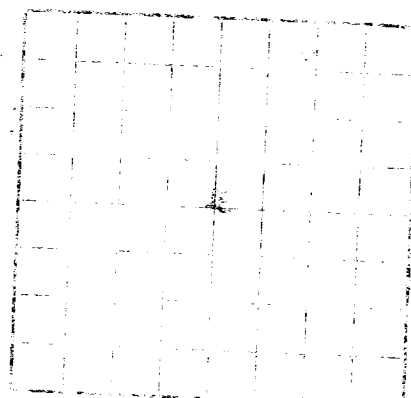
TOPS: 3665' Pictured Cliffs

[OVER]
FORMATION RECORD - CONTINUED

1. Содержание

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
WASHINGTON, D. C. 20250

NO OF OIL OR GAS WELL



THE UNIVERSITY OF CHICAGO

[illegible]

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

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

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

IMPORTATION OF WHITE SANDS

CHINA OVERSEAS

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 the 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 rings 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

U. S. GOVERNMENT PRINTING OFFICE 10-50894-2

FROM	TO	TOTAL FEET	FORMATION
100	105	5	Gravelly sand
105	110	5	Gravelly sand
110	115	5	Gravelly sand
115	120	5	Gravelly sand
120	125	5	Gravelly sand
125	130	5	Gravelly sand
130	135	5	Gravelly sand
135	140	5	Gravelly sand
140	145	5	Gravelly sand
145	150	5	Gravelly sand
150	155	5	Gravelly sand
155	160	5	Gravelly sand
160	165	5	Gravelly sand
165	170	5	Gravelly sand
170	175	5	Gravelly sand
175	180	5	Gravelly sand
180	185	5	Gravelly sand
185	190	5	Gravelly sand
190	195	5	Gravelly sand
195	200	5	Gravelly sand
200	205	5	Gravelly sand
205	210	5	Gravelly sand
210	215	5	Gravelly sand
215	220	5	Gravelly sand
220	225	5	Gravelly sand
225	230	5	Gravelly sand
230	235	5	Gravelly sand
235	240	5	Gravelly sand
240	245	5	Gravelly sand
245	250	5	Gravelly sand
250	255	5	Gravelly sand
255	260	5	Gravelly sand
260	265	5	Gravelly sand
265	270	5	Gravelly sand
270	275	5	Gravelly sand
275	280	5	Gravelly sand
280	285	5	Gravelly sand
285	290	5	Gravelly sand
290	295	5	Gravelly sand
295	300	5	Gravelly sand
300	305	5	Gravelly sand
305	310	5	Gravelly sand
310	315	5	Gravelly sand
315	320	5	Gravelly sand
320	325	5	Gravelly sand
325	330	5	Gravelly sand
330	335	5	Gravelly sand
335	340	5	Gravelly sand
340	345	5	Gravelly sand
345	350	5	Gravelly sand
350	355	5	Gravelly sand
355	360	5	Gravelly sand
360	365	5	Gravelly sand
365	370	5	Gravelly sand
370	375	5	Gravelly sand
375	380	5	Gravelly sand
380	385	5	Gravelly sand
385	390	5	Gravelly sand
390	395	5	Gravelly sand
395	400	5	Gravelly sand
400	405	5	Gravelly sand
405	410	5	Gravelly sand
410	415	5	Gravelly sand
415	420	5	Gravelly sand
420	425	5	Gravelly sand
425	430	5	Gravelly sand
430	435	5	Gravelly sand
435	440	5	Gravelly sand
440	445	5	Gravelly sand
445	450	5	Gravelly sand
450	455	5	Gravelly sand
455	460	5	Gravelly sand
460	465	5	Gravelly sand
465	470	5	Gravelly sand
470	475	5	Gravelly sand
475	480	5	Gravelly sand
480	485	5	Gravelly sand
485	490	5	Gravelly sand
490	495	5	Gravelly sand
495	500	5	Gravelly sand
500	505	5	Gravelly sand
505	510	5	Gravelly sand
510	515	5	Gravelly sand
515	520	5	Gravelly sand
520	525	5	Gravelly sand
525	530	5	Gravelly sand
530	535	5	Gravelly sand
535	540	5	Gravelly sand
540	545	5	Gravelly sand
545	550	5	Gravelly sand
550	555	5	Gravelly sand
555	560	5	Gravelly sand
560	565	5	Gravelly sand
565	570	5	Gravelly sand
570	575	5	Gravelly sand
575	580	5	Gravelly sand
580	585	5	Gravelly sand
585	590	5	Gravelly sand
590	595	5	Gravelly sand
595	600	5	Gravelly sand
600	605	5	Gravelly sand
605	610	5	Gravelly sand
610	615	5	Gravelly sand
615	620	5	Gravelly sand
620	625	5	Gravelly sand
625	630	5	Gravelly sand
630	635	5	Gravelly sand
635	640	5	Gravelly sand
640	645	5	Gravelly sand
645	650	5	Gravelly sand
650	655	5	Gravelly sand
655	660	5	Gravelly sand
660	665	5	Gravelly sand
665	670	5	Gravelly sand
670	675	5	Gravelly sand
675	680	5	Gravelly sand
680	685	5	Gravelly sand
685	690	5	Gravelly sand
690	695	5	Gravelly sand
695	700	5	Gravelly sand
700	705	5	Gravelly sand
705	710	5	Gravelly sand
710	715	5	Gravelly sand
715	720	5	Gravelly sand
720	725	5	Gravelly sand
725	730	5	Gravelly sand
730	735	5	Gravelly sand
735	740	5	Gravelly sand
740	745	5	Gravelly sand
745	750	5	Gravelly sand
750	755	5	Gravelly sand
755	760	5	Gravelly sand
760	765	5	Gravelly sand
765	770	5	Gravelly sand
770	775	5	Gravelly sand
775	780	5	Gravelly sand
780	785	5	Gravelly sand
785	790	5	Gravelly sand
790	795	5	Gravelly sand
795	800	5	Gravelly sand
800	805	5	Gravelly sand
805	810	5	Gravelly sand
810	815	5	Gravelly sand
815	820	5	Gravelly sand
820	825	5	Gravelly sand
825	830	5	Gravelly sand
830	835	5	Gravelly sand
835	840	5	Gravelly sand
840	845	5	Gravelly sand
845	850	5	Gravelly sand
850	855	5	Gravelly sand
855	860	5	Gravelly sand
860	865	5	Gravelly sand
865	870	5	Gravelly sand
870	875	5	Gravelly sand
875	880	5	Gravelly sand
880	885	5	Gravelly sand
885	890	5	Gravelly sand
890	895	5	Gravelly sand
895	900	5	Gravelly sand
900	905	5	Gravelly sand
905	910	5	Gravelly sand
910	915	5	Gravelly sand
915	920	5	Gravelly sand
920	925	5	Gravelly sand
925	930	5	Gravelly sand
930	935	5	Gravelly sand
935	940	5	Gravelly sand
940	945	5	Gravelly sand
945	950	5	Gravelly sand
950	955	5	Gravelly sand
955	960	5	Gravelly sand
960	965	5	Gravelly sand
965	970	5	Gravelly sand
970	975	5	Gravelly sand
975	980	5	Gravelly sand
980	985	5	Gravelly sand
985	990	5	Gravelly sand
990	995	5	Gravelly sand
995	1000	5	Gravelly sand

FORMATION RECORD-Continued