

NEW MEXICO SCHOOL OF MINES
STATE BUREAU OF MINES AND MINERAL RESOURCES
SOCORRO, NEW MEXICO

WELL LOG DIVISION

CASING RECORD		ELEVATION	FEET
Diam., in	Bottom	4460	
10	1484		
8 $\frac{1}{2}$	3180		
		INITIAL DAILY PRODUCTION:	
		Open	bbls. Oil
		Open	P. & A. cu. ft. Ga.
		Tbg.	bbls. O ^l
		Tbg.	cu. ft. G ^s

COUNTY Chaves
FIELD Wildcat
COMPANY Rip C. Underwood
LEASE Smith
LOCAT^{ION} (14) NE NE
1 T. 4 S. R. 29 E
635-330 feet from North line and
635-330 feet from East line of Section
COMMENCED 6-14-38
COMPLETED 8- -40
ABANDONED
REMARKS:

FORMATION	BOTTOM, FEET	FORMATION	BOTTOM, FEET
Red clay	2		
Caliche	15		
Gravel	1100		
Red rock	1120		
Sandy lime shells	1420		
Red rock	1460		
Anhydrite	1470		
Red rock	1484		
Salt and red rock	2500		
Lime	2700		
Dolomite	2725		
Salt	2800		
Lime	2920		
Anhydrite	2950		
Lime	3020		
Dolomite	3100		
Lime	3210		
Blue lime, hard	3326		
Anhydrite	3340		
Blue lime	3660		
Glorieta sand	3686 T.D.		

1. *Phragmites* spp. (Poaceae)

Factor	Factorial	Factorial Value
IO (side)	1	1000
IO (side)	2	1000
IO (side)	3	1000
IO (side)	4	1000

BRADLEY
WANDERER
COMMITTEE

OK 115 N

1. The first group of people who are not in the military are the people who are not in the military. This group is the largest group of people who are not in the military. This group is the largest group of people who are not in the military.

TOP LEFT BOTTOM LEFT
ROTATION

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

Age Group	Gender	Percentage of respondents who believe that the U.S. should take action to reduce global warming	
18-29	Male	0%	~85%
		100%	~95%
	Female	0%	~80%
		100%	~90%
30-49	Male	0%	~75%
		100%	~85%
	Female	0%	~70%
		100%	~80%
50-69	Male	0%	~65%
		100%	~75%
	Female	0%	~60%
		100%	~70%
70+	Male	0%	~55%
		100%	~65%
	Female	0%	~50%
		100%	~60%

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group (CG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG). The CG was divided into two subgroups: the control group (CG) and the control group (CG). The EG was divided into two subgroups: the experimental group (EG) and the experimental group (EG).

100

100

100

100

10

— *Journal of the American Medical Association*, 1997

330 N }
330 E } Sec. 1-45-29E

SAMPLE DESCRIPTION

E1. 4460

T.D. 3686

Comp. 8- -40

$$P. \in A.$$

PAGE.

DATE 12-27-43

DESCR. BY R. L. Bates

VALLIANT PRINTING CO., ALBUQUERQUE—97500

COMPANY					WELL NO.		LEASE				COUNTY				STATE			
Underwood, Grastorf, & Caudill					1		Smith				Charles				N. M.			
DEPTH		ANHY.	POLY.	SALT	NON-RED SHALE		RED SHALE		SANDSTONE		GRANITE WASH		DOLOMITE		LIMESTONE		MISCELLANEOUS	
FROM	TO				%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	COLOR		DESCR.
00	20						100											
	40			tr			90		10	rd	Fine							
	60						50		50	-	med loose							
	80					10	gry	90										
10	20						90		10	-	fine							
	40						10		90	-	-	mic						
60	80						40		60	-	-	+ pk med	tr	tn	dns			
	800						50		50	-	-							
	20						80		20	pk	-							
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	60						100											
	80						100											
	1000					10	-	90										
	20						100									tr	tn	fx
	40					20	-	80										
	60						100											
	80						100											
	1100						70		30	pk	fine loose							small spl
							90		10	rd	-	-						
00	20						90		10	-	-	-						
	40					10	-	80		10	gry	med mic						
60	80						90		10	-	-	-						
	1200						90		5	-	-	-				5	-	-
	20					10	3dy	90										
	40						100											
	60								100	rd	fine	soft						
280	1300						20		80	-	-	loose						
	20					10	gry	80		10	-	med						
	40					10	-	90										
	60						100											
	80					10	-	90										
	1400						20		80	rd	fine	loose						
	20						70		30	-	-	-						
460	80	30				10	-	60										

SAMPLE DESCRIPTION

PAGE 2

DESCR. BY RLB

DATE 12-27-43

VALLIANT PRINTING CO., ALBUQUERQUE—97500

COMPANY					WELL NO.		LEASE				COUNTY					STATE						
Underwood et al.					1		Smith				Chaves					N.M.						
DEPTH		ANHY.	POLY.	SALT	NON-RED SHALE		RED SHALE		SANDSTONE		GRANITE WASH		DOLOMITE			LIMESTONE			MISCELLANEOUS			
FROM	TO				%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	COLOR	DESCR.	%	COLOR	DESCR.				
1480	1500	40					50		10	rd	fine							small spl				
1520	40	5					90		5	-	-											
	60	20					80								tr	pk	dns					
	80	30			10	gry	60															
2400	20						50		50	-	-											
	35						60		40	-	-											
	50	60					30		10	-	-			tr	tn	+ pk	dns					
	60	50					50															
	75	70	20				10															
	90	10	30				40	sky	20	-	-											
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	20	40	60																			
	35		90				10															
	50		100																			
	65	80					20															
	75	70					30															
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	2605	80					20															
	10	90					10															
	25	100																				
	40	70	10	10	-	10																
	50	80	10			10																
	60	80				20																
	75		80			20																
	90	80		10	-	10																
	2700	80		10	-									10	tn	fx	ool	P				
	10		80	10	-	10												tr	pyt	in	gry	sh.
	20		90	5	-	5																
	35		90	5	-	5																
	50	80				20																
	65	10	75			10			5	gry	fine											
	75	70		20	-									10	-	-						
	85			20	-									80	-	-	ool	P				
2800	10			30	-									70	-	-	-ool	-P				
	20	60												40	brn	-	-P					
	35			70	30	-																

SAMPLE DESCRIPTION

PAGE 3

DESCR. BY 1620

DATE 12-27-43

VALLIANT PRINTING CO., ALBUQUERQUE—27500

[illegible]

SAMPLE DESCRIPTION

PAGE 4

DESCR. BY R.L.B

DATE 12-27-43

VALLIANT PRINTING CO., ALBUQUERQUE-97500

COMPANY					WELL NO.		LEASE				COUNTY					STATE			
Underwood et al.					1		Smith				Chaves					N.M.			
DEPTH		ANHY.	POLY.	SALT	NON-RED SHALE		RED SHALE		SANDSTONE		GRANITE WASH		DOLOMITE			LIMESTONE			MISCELLANEOUS
FROM	TO				%	DESCR.	%	DESCR.	%	DESCR.	%	DESCR.	%	COLOR	DESCR.	%	COLOR	DESCR.	
3210	20	30			35	gry	30		5	tn	fine								
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	95	10											90	brn	fx				
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	15												100	-	-				
	25												100	brn	-	gran			
	30												100	-	-	-	P		
	35												100	-	-	-	✓	But pk sdy sh - carb	
3390	95												100	✓	-			small spl	
	3405												100	tn	✓				
	10												100	brn	fx	ool	P		
	25												100	-	-			poor spl	
	35												100	tn	✓				
	45												100	-	✓				
	55												100	brn	-	gran	-P		
	60															100	gry-tn	fx	
	65															100	-	✓	✓
	75															100	-	✓	-
	85															100	tn	dns	
	90															100	-	✓	
	95															100	gry	✓	
	3500															100	tn	✓	
	10															100	gry	✓	
	20															95	brn	✓	
	30	100	gry																
	35															100	tn	fx	-P
	40															100	-	✓	gran
	50															100	-	✓	✓
	55															100	-	✓	
	60																		
	65															100	gry	dns	
	70															100	-	✓	
																			small spl