

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

NEW MEXICO WELL LOG DIVISION

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Matador Oil Co., State Well No. 1

Formation	Top	Formation	Bottom
Red shale	1168	Red sandy shale	2360
Red shale and salt	1186	Red sandy shale	2384
Gray sandy lime	1203	Red sandy shale	2445
Red shale, salt and gyp	1227	Gray sandy lime, hard	2454
Salt and gyp	1235	Red sand, hard	2480
Red shale, salt and gyp	1236	Hard red sand	2551
Red shale	1292	Red shale	2554
Red shale and salt	1307	Red sand	2586
Red shale	1372	Light and gray sand	2596
Red shale, salt and gyp	1402	Red sand	2619
Red shale	1435	Red shale	2633
Red shale and salt	1520	Red sandy shale	2642
Red shale and blue shale	1530	Red sand	2661
Gray lime	1542	Red sandy shale	2670
Red and blue shale	1565	Red sand - rainbow	2676
Red shale	1600	Gray sand	2681
Red shale and salt	1625	Gray sand, S.C. 2687	2683
Gray lime	1673	Brown sandy lime & shale	2710
Red shale and salt	1685	Brown sandy shale	2785
Red shale	1717	Brown sand	2805
Red shale and gyp	1733	Brown shale	2848
Red shale	1750	Brown lime and shells	2850
Red shale and salt	1792	Brown shale	2860
Red shale	1863	Brown lime and shale	2865
Red shale, and salt	1885	Brown shale	2870
Red shale	1900	Brown sandy shale	2885
Red shale and salt	1955	Brown lime	2907
Red shale	1965	Brown shale	2925
Red shale and salt	2006	Brown lime	2937
Anhydrite	2012	Brown shale	2939
Blue shale	2019	Brown lime	2944
Brown shale	2032	Brown shale	2955
Blue sandy shale	2040	Brown lime	2964
Salt and gyp	2050	Brown shale	2967
Salt and gyp & red shale	2060	Brown shale	2979
Salt and red shale	2070	Hard brown shale	2985
Red and blue shale	2080	Brown lime and shale	3001
Salt - 1600' water in hole	2129	Gray sandy lime	3013
Brown lime - water	2132	Red shale	3033
Brown lime, sandy	2135	Gray shells	3037
Salt	2176	Red shale	3047
Granite wash	2184	Red shells	3050
Sharp sand	2233	Brown shale	3056
Gravel wash	2243	Red shale	3085
Red and gray sand	2315	Shale and conglomerate	3090
Red and blue shale	2326	Argillaceous, red shale and brown	
Red and blue shale	2447	lime	3330

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