SAMPLE LOG

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R. L. MARTIN No. 1, KERR. 990 FNL; 2310' FML Sec., 9 T 22 S R 27 E Eddy County, New Mexico. Spudded: August 14, 1948 Elevation 3100 ft., Ground Casing Record: 13 3/8"---- 40 ft. Set. 8 5/8"---- 390 " " Completed: Nov 5, 1948 T. D. 3010 ft. P. & A. 61 "----2516" Ħ Bottom 6 Soil Soft Gray Limestone, specks of brown limestone. 17 Soft grayish-white limestone-- calcite concretions 21 Hard, fine-grained, grayish white limestone. with 28 occasional brown specks. 34 Hard, white, fine-grained limestone with calcite concretions. 39 Same as previous sample. 44 Gray shale ( set 40 ft., of 13 3/8" ) 50 60 Gray and red shale mixed. Gray and brown limestone mixed with gray shale. Red shale mixed with gray and brown limestone 70 probably cavings. 3 bailers water at 65 ft. 75 Red shale. 81 Ħ # 87 Grayish red shale. 93 147 Grayish red shale -- some gray sandstone. - 11 Ħ Ħ # 155 Red shale mixed with grayish-brown limestone. 160 Red shale. 180 Red shale. Brown limestone and calcite in about equal pro-185 portions. Some white limestone. 190 Missing. 195 Calcite. Calcite with some potash -- some red shale. 200 510 Red shale with some calcite. 216 Anhydrite with some red shale. Anhydrite about 80%; Red shale about 20%. 222 230 Anhydrite. 242 250 Anhydrite-- some potash. 256 Anhydrite and some red shale -- probably cavings. Anhydrite and potash- about 50-50. 265

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