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Rogers et al,
Rice County, Kans.
SW SE.

Sec.27; T.20S; R.10W.
Gill #1.
By A. S. Price.

Depths	Formation
3010 to 3020	....Limestone, cream, cryptocrystalline; Shale, gray 5%; (Pennsylvanian)
3020 to 3030	....Shale, gray, calcareous; Limestone 10%.
3030 to 3040	....Limestone, white; Shale, gray 40%.
3040 to 3050	....Limestone, light brown, partly oolitic; Shale, gray 5%.
3050 to 3060	....Limestone, light brown, cryptocrystalline; Shale, gray 5%; Show oil 3057'
3060 to 3075	....Limestone, light brown, cryptocrystalline; Shale, dark 30%.
3075 to 3090	....Missing.
3090 to 3100	....Limestone, drab dense; Shale, dark-gray 35%.
3100 to 3110	....Limestone, brown to cream, dense and cryptocrystalline.
3110 to 3120	....Shale, gray variegated.
3120 to 3130	....Limestone, light brown, cryptocrystalline.
3130 to 3140	....Limestone, white, cream, brown; Shale 7%.
3140 to 3150	....Limestone, white, cream, brown; Shale 10%.
3150 to 3160	....Limestone, white, cream, brown; Shale 5%.
3160 to 3165	.... " " " " " 15%.
3165 to 3175	....Limestone, cream, cryptocrystalline; Shale, gray, Trace red 5%.
3175 to 3185	....Limestone, light brown to cream, dense.
3185 to 3195	....Limestone, light brown to cream and gray; Shale, gray 10%.
3195 to 3205	....Limestone, light brown; Shale gray 15 to 20%.
3205 to 3215	....Limestone, light brown; to cream, Shale, gray, trace red 40%.
3215 to 3225	....Shale, gray, trace red; Limestone, light brown 25%.
3225 to 3229	....Shale, gray, some red; Limestone, light brown, gray 15%.
3229 to 3235	....Limestone, cream, and light brown; Shale, gray 25%.
3235 to 3240	....Shale, gray and red and Limestone, brown, cryptocrystalline, partly red oil stained. <u>SHOW OIL AND GAS AT 3239'.</u>
3240 to 3245	....Limestone, light brown; Shale, red and gray 50%; very rare rounded sand grains. <u>TOP PENNSYLVANIAN BASAL CONGLOMERATE AT 3245'.</u>
3245 to 3246	....Varicolored Chert and Shale; Sand, medium, round 5%; Trace limestone.
3246 to 3250	....Chert, varicolored 5%; Shale, gray, trace limestone. <u>5 3/16" at 3245'.</u>
3250 to 3254	....Chert, white, some red, gray and yellow; Shale, gray; Trace Sand and Limestone.
3254 to 3258	....Sand, fine, medium, Shale, red; Chert.
3258 to 3261	....Shale, red and Chert; Trace green Shale.
3261 to 3264	....Chert, white, red; Shale, red, and gray-green; Trace Sand.
3264 to 3268	....No sample.
3268 to 3272	....Sand, fine, round, and Shale, green; Trace red and white Chert; 2000' water.
3272 to 3278	....Shale, green and grayish-green; slightly sandy.
3278 to 3281	....Sand, fine, round and Shale, green; Chert 5%; Phosphate nodules.
3281 to 3287	....Chert and Limestone, light brown; Trace Sand. — <i>Decol-Trenton Ls</i>
3287 to 3291	....Limestone, white, cream, sandy and Sand; medium round frosted, loose; Trace Shale, dull, yellow, brown.
3291 to 3297	....Limestone, yellow, white; Shale, and Sand.
3297 to 3303	....Sand, fine to medium, Shale, light gray, yellow, calcareous; Trace Chert. <i>- Decol sh 329</i>
3303 to 3310	....Shale, green, very sandy; Sand, fine to medium; Shale, light brown and reddish, calcareous; <u>TOP SIMPSON 3305'.</u>
3310 to 3322	....Shale, green, gray, trace yellow and red.
3322 to 3332	.... " " " " " " " Shale, green, sandy.
3332 to 3336	....Shale, green and gray.
3336 to 3341	....Sand, fine, round and angular; Trace green Shale.