

Independent Oil and Gas Company,
SW NE,
Rice County, Kansas.

S. 21; T. 20S; R. 10W,
Mesgar #1,
By A. S. Price.

CABLE TOOL SAMPLES:

3010 to 3020.... Shale, dark gray, gray with trace red; limestone, brown, light brown, cryptocrystalline, 50%.
3020 to 3030.... Shale, green, gray and light gray; limestone, light brown, cryptocrystalline, partly oolitic, crinoid buttons, fusulanae.
3030 to 3040.... Missing.
3040 to 3050.... Limestone, light brown, cream, cryptocrystalline, crinoid buttons; shale, gray, greenish gray with trace of red.
3050 to 3060.... Limestone, cream, cryptocrystalline; trace chert, fusulanae; shale, green, gray and red, 25%.
3060 to 3070.... Limestone, light brown, cream, cryptocrystalline; shale, gray, dark with trace of red.
3070 to 3080.... Limestone, brown to cream, cryptocrystalline, partly oolitic; shale, gray, 10%.
3080 to 3090.... Limestone, light brown, cream; shale, gray, 20%, trace of red.
3090 to 3100.... Limestone, light brown, cream, partly oolitic; shale, greenish gray, 30%.
3100 to 3110.... Limestone, light brown, cryptocrystalline to fine sugary, oolitic; trace shale.
3110 to 3120.... Missing.
3120 to 3130.... Limestone, brown, cryptocrystalline.
3130 to 3140.... Limestone.
3140 to 3150.... Limestone; trace dark shale.
3150 to 3170.... Missing.
3170 to 3180.... Limestone; shale, gray, 55%.
3180 to 3190.... Limestone, cream, light brown, cryptocrystalline; shale, gray, trace red, 45%.
3190 to 3200.... Limestone, cream, 25%; shale, gray, grayish-green with trace red, 75%.
3200 to 3210.... Limestone, cream, 50%; shale, gray, grayish-green with trace red, 50%.
3210 to 3220.... Limestone, cream, 20%; shale, gray, grayish-green, 80%.
3220 to 3230.... Shale, greenish-gray and red; limestone, tan, cream, 50%.
3230 to 3234.... Limestone, cream, 70%; shale, greenish-gray and red.
3234 to 3240.... Limestone, cream and gray, 70%; shale, red and greenish-gray.
3240 to 3250.... Limestone, cream, 90%; shale, red and greenish-gray, 20%.
3250 to 3257.... Limestone, cream, 90%; shale, gray and red, 10%.
3257 to 3264.... Limestone, cream and light brown, 50%; shale, gray, 50%.
3264 to 3268.... Limestone, cream, cryptocrystalline; shale, gray, 35%.
3268 to 3272.... Limestone, cream, cryptocrystalline; shale, gray, 10%; coarse sand, 5% (surface).

Continuation of Mesgar #1,
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- 3272 to 3278.... Limestone, cream, cryptocrystalline; trace red; shale, gray and green calcareous, 15%.
- 3278 to 3280.... Shale, light and dark gray; limestone, cream and red, 15%.
- 3280 to 3283.... Shale; limestone, cream, brown and red, 15%.
- 3283 to 3286.... Missing.
- 3286 to 3290.... Limestone, cream, brown, red with trace yellow; shale, gray, 15%.
- 3290 to 3295.... Limestone, cream, crystalline and shale, gray and red.
- 3295 to 3296.... Missing.
- 3296 to 3298.... Limestone, cream and various colored; shale, light gray, gray, green and red; sand, fine, medium, rounded.
TOP OF CONGLOMERATE 3297. (Hole full water)
- 3298 to 3500.... Shale, greenish-gray and gray; brown limestone; sand, fine, rounded and angular.
- 3300 to 3303.... Shale; brown limestone; sand, fine, coarse.
- 3303 to 3312.... Shale; brown limestone, sand, fine, coarse.
- 3312 to 3316.... Shale, green, gray, red, yellow and brown. (Reworked Simpson).
Trace medium and coarse, rounded sand.
TOP OF SIMPSON 3316
- 3316 to 3318.... Shale, green.
- 3318 to 3320.... Shale, green, slight trace red and trace sandy shale.
- 3320 to 3322.... Shale, green; trace sandy shale.
- 3322 to 3324.... Shale, green; trace sandy shale.
- 3324 to 3326.... Shale, green with trace red; trace sand.
- 3326 to 3328.... Shale, green, trace red, fine angular cemented and sand, medium, rounded, loose.
TOP OF SILICEOUS LIME 3329
- 3328 to 3330.... Shale, green and dolomite, light brown, finely crystalline.
- 3330 to 3331.... Shale, green and dolomite, light brown, finely crystalline and crystalline; trace sandy shale and conglomerate sand.
- 3331 to 3332.... Shale, green; dolomite, light brown, finely crystalline and crystalline; trace sandy shale and conglomerate sand.
- 3332 to 3341.... Shale, green; dolomite, light brown, finely crystalline and crystalline; trace sandy shale and conglomerate sand.