

Miller, et al,
Center SW/4,
Rice County, Kansas.

S. 2; T. 20S; R. 9W,
Darling #1,
By A. S. Price.

CABLE TOOL SAMPLES:

2855 to 2865.... Shale, gray; sand, fine, angular, gray.
2865 to 2874.... Shale, gray; trace red shale.
2874 to 2876.... Shale, light to dark gray; limestone, gray, argillaceous.
2876 to 2883.... Shale, red and gray; trace limestone.
TOP LANSING LIME 2885
2883 to 2891.... Limestone, light gray, light brown; shale, red and gray, 50%.
2891 to 2897.... Limestone, light gray, light brown, slightly oolitic; shale, red and gray, 40%.
2897 to 2900.... Limestone, light gray, light brown; shale, gray, 30%.
2900 to 2910.... Limestone, light gray, light brown; shale, gray, 20%.
2910 to 2920.... Limestone, light gray and light brown; shale, gray, 50%.
2920 to 2925.... Missing.
2925 to 2934.... Limestone, light gray and light brown, slightly oolitic; shale, gray, 30%; chert.
2934 to 2943.... Limestone, light brown; shale, gray, 25%.
2943 to 2950.... Limestone, brown; shale, gray, trace.
2950 to 2954.... Limestone, light gray.
2954 to 2960.... Limestone, light gray.
2960 to 2966.... Limestone, light brown, oolitic.
2966 to 2975.... Limestone, light brown, oolitic.
2975 to 2983.... Limestone, light brown.
2983 to 2990.... Limestone, light brown; shale, 50%.
2990 to 2995.... Limestone, brown.
2995 to 3003.... Limestone, brown; shale, 15%.
3003 to 3012.... Limestone, brown, cherty.
3012 to 3025.... Shale, gray, very calcareous.
3025 to 3035.... Limestone, light brown, light gray; shale, 15%.
3035 to 3041.... Limestone; shale, 15%.
3041 to 3046.... Limestone; shale, 65%.
3046 to 3052.... Limestone, brown and gray; shale, 15%.
3052 to 3056.... Limestone, brown and gray; shale, 60%.
3056 to 3062.... Limestone, brownish-gray; shale, 10%.
3062 to 3069.... Shale, gray; limestone, light gray, 20%.
3069 to 3074.... Limestone, light brown; shale, 50 to 60%.
3074 to 3083.... Limestone, light brown; shale, 20%.
3083 to 3090.... Limestone, light brown; shale, 60%.
3090 to 3098.... Limestone, light brown; trace shale.
3098 to 3106.... Limestone, light brown; shale, 20%.
3106 to 3113.... Limestone, light brown; trace shale.
3113 to 3122.... Limestone, light brown and shale, gray with some red.
3122 to 3126.... Shale, gray with trace red; limestone, 15%.
3126 to 3134.... Limestone, light brown; shale, gray with trace red, 15%.
3134 to 3141.... Limestone, light gray and light brown.
3141 to 3149.... Limestone, light gray; and light brown; shale, 20%.
3149 to 3152.... Shale, gray; limestone.

Continuation of Darling #1,
Miller, et al,
Rice County, Kansas.

Center SW/4,
Sec. 20; T. 20S; R. 9W,
By A. S. Price.

- 3152 to 3156.... Missing.
3156 to 3167.... Limestone, white; shale, gray, 15%.
TOP OF CONGLOMERATE 3170.
3167 to 3170.... Limestone, white, light gray and brown, 60%; shale, green, red and gray.
3170 to 3177.... Shale and limestone, red; shale, grayish-green; limestone, light brown.
3177 to 3185.... Limestone, light gray and red; shale, gray, 5%.
3185 to 3193.... Dolomite, white, not crystalline; limestone; shale, green, red and yellow.
3193 to 3201.... Chert, white, fresh and weathered; limestone; shale, red and gray
3201 to 3206.... Limestone, light gray, light brown; chert; shale, red.
3206 to 3213.... Limestone, yellow and light gray; shale, red, dolomitic.
3213 to 3218.... Missing.
3218 to 3224.... Shale, red; limestone, yellow and red, light gray.
3224 to 3233.... Shale and limestone, various colored.
3233 to 3240.... Shale, red; limestone, white, crystalline.
3240 to 3250.... Limestone, white, crystalline; trace shale, red.
3250 to 3260.... Limestone, white, pink, yellow, crystalline; trace red shale.
3260 to 3268.... Limestone, white, pink, yellow, crystalline; trace red shale.
3268 to 3273.... Missing.
3273 to 3278.... Limestone, white to pink and yellow; trace shale, red.
3278 to 3290.... Shale, green, slightly sandy; bryozoan; trace limestone, gray, white, yellow and shale, red. (Simpson)
3290 to 3299.... Shale, light gray, ~~sparse fragments (?)~~ and greenish; trace limestone white, red and yellow and red shale; 50%; sand, medium, rounded, cemented and fine.
3299 to 3312.... Sand, fine, medium, rounded and angular; shale, variegated, light gray (~~sparse~~), green, sandy.
3312 to 3315.... Shale, light gray (~~sparse fragments ?~~) and sandy shale.
3315 to 3321.... Shale, gray and green, sandy and shaley sand.
3321 to 3330.... Shale, green and dark brownish; trace light gray shale (~~sparse fragments~~).
3330 to 3340.... Shale, green.
3340 to 3353.... Shale, green; trace red shale and limestone and light gray shale; dolomite, light brown;
3353 to 3357.... Dolomite, cream to white, crystalline; trace green and red shale.
3357 to 3373.... Dolomite, cream to white, crystalline; trace green and red shale.
REWORKED SIMPSON GREEN SHALE, SAND ~~AND KINDERHOOK 3278-3325.~~
TOP OF SIMPSON 3325
TOP OF SILICEOUS LIME 3341 Hole full water
3373 to 3375.... Missing.

Continuation of Darling #1,
Miller, et al,
Rice County, Kansas.

Center SW/4,
Sec. 2; T. 20S; R. 9W.,
By A. S. Price.

3375 to 3375.... Dolomite, cream, crystalline; trace green and red shale and sand.
3375 to 3380.... Dolomite, cream, crystalline; trace green and red shale and sand.
3380 to 3388.... Dolomite, light brown, crystalline.
3388 to 3393.... Dolomite, cream, finely crystalline; trace green shale and chert.
3393 to 3398.... Dolomite, cream, finely crystalline; trace green and red shale
and chert.
3398 to 3402.... Dolomite, cream, finely crystalline; trace green shale.
3402 to 3409.... Dolomite, cream, finely crystalline; trace green shale.
3409 to 3415.... Dolomite, cream, finely crystalline; trace green and red shale.
3415 to 3419.... Chert, white and smoky.
3419 to 3428.... Dolomite, cream, finely crystalline and chert, white.
3428 to 3431.... Dolomite, cream, finely crystalline and cherty.
3431 to 3437.... Dolomite, cream to brown, finely crystalline, slightly cherty.
3437 to 3443.... Dolomite, cream to brown, finely crystalline with slightly oolitic
chert.
3443 to 3447.... Dolomite, cream to brown, finely crystalline, cherty; trace green
and red shale.
3447 to 3455.... Dolomite, cream, finely crystalline, cherty; trace shale.
3455 to 3461.... Dolomite, cream, finely crystalline, cherty.
3461 to 3467.... Dolomite, cream, finely crystalline, slightly cherty.
3467 to 3475.... Dolomite, cream, finely crystalline, cherty.
3475 to 3484.... Dolomite, cream, finely crystalline, slightly cherty.
3484 to 3494.... Dolomite, cream, finely crystalline, slightly cherty.
3494 to 3503.... Dolomite, cream, finely crystalline, cherty.
3503 to 3510.... Dolomite, cream, brown, crystalline, cherty.
3510 to 3519.... Dolomite, cream, finely crystalline.
3519 to 3525.... Dolomite, cream, finely crystalline, slightly cherty.
3525 to 3533.... Dolomite, cream, finely crystalline, slightly cherty.
3533 to 3537.... Dolomite, cream, finely crystalline, slightly cherty.
3537 to 3543.... Dolomite, cream, finely crystalline.
3543 to 3549.... Dolomite, light brown, crystalline, slightly cherty.
3549 to 3558.... Dolomite, cream, finely crystalline, slightly cherty.
3558 to 3568.... Chert and dolomite.
3568 to 3577.... Dolomite, cherty.
3577 to 3588.... Dolomite, slightly cherty.
3588 to 3596.... Dolomite, slightly cherty.
3596 to 3606.... Dolomite, slightly cherty.
3606 to 3619.... Dolomite, slightly cherty.
3619 to 3625.... Dolomite.
3625 to 3632.... Dolomite.
3632 to 3636.... Dolomite, cherty.