

Berg 1 (15-077-00129) T: 32S R: 7W S: 29
Latitude: 37.2253481 Longitude: -98.1002951 Elevation (GL): 1364.0 Depth: 4980.0

Depth	Stratigraphic Units						Rock Color	Lithology	Porosity	Type	Porosity	Remarks	
	Members	Formations	Subgroup	Stage	Subsystem	System							
2000												2000 2023 cream-tan dense to fine mln fossiliferous lst	
												2052 2060 gray sh	
												2060 2075 cream-gray fine mln fossiliferous lst	
												2075 2085 gray sh	
2100												2085 2102 gray-buff fine mln lst	
												2102 2110 gray sh	
												2110 2125 gray-buff fine mln lst	
												2125 2135 gray sh	
												2135 2152 cream-gray fine mln fossiliferous lst	
												2152 2160 gray sh	
												2160 2172 cream-gray fine mln	
												2172 2185 gray sh	
2200												2185 2222 cream-gray-burr fine mln fossiliferous lst	
												2222 2230 gray sh	
												2230 2255 gray-buff fine mln fossiliferous lst	
												2282 2285 gray sh	
2300												2285 2299 gray sh	
												2310 2315 black sh	
												2319 2322 gray fine grain	
												2332 2340 gray sh	
												2340 2352 gray-buff fine mln	
												2352 2368 red & gray sh	
												2368 2378 gray-buff fine mln	
2400												2378 2395 red & gray sh	
												2395 2403 gray-buff fine mln	
												2403 2412 red & gray sh	
												2412 2416 gray-buff fine mln	
												2420 2481 red & gray slightly sandy sh	
												2481 2493 gray-buff fine mln	
2500												2505 2513 gray sh	
												2513 2523 gray-buff fine mln	
												2523 2532 gray sh	
												2532 2542 cream-gray fine mln	
												2542 2550 gray sh	
												2550 2567 cream-gray fine mln fossiliferous lst	
												2567 2573 gray sh	
2600												2587 2597 gray sh	
												2597 2625 gray-buff dense to fine mln slightly cherty lst	
												2625 2637 gray sh	
												2637 2683 cream-gray dense to fine mln slightly cherty lst streaks pinpoint porosity	
												2683 2703 red & gray slightly sandy sh	
												2703 2718 gray-buff fine mln fossiliferous lst	
												2718 2720 gray sh	
												2747 2752 gray sh	
												2767 2782 red & gray sh	
												2782 2795 gray fine mln lst	
2800												2807 2840 red & gray slightly sandy sh	
												2840 Topeka Limestone	
												2857 2861 gray sh	
												2878 2880 gray sh	
2900												2933 2935 gray sh	
												2963 2968 gray sh	
												2993 2998 gray sh	
3000												3023 3055 red & gray slightly sandy sh	
												3055 3065 cream-gray dense to 3065 3083 red & gray sh	
												3090 3098 red & gray sh	
												3098 3102 gray fine grain	
												3110 3112 gray fine grain	
												3119 3120 gray fine grain	
												3133 3134 gray fine grain	
												3160 3162 gray fine grain	
												3179 3180 gray fine grain	
3200												3207 3212 gray fine mln lst	
												3220 3235 gray-buff dense to fine mln lst	
												3235 Keebner Shale	
												3253 3258 black sh	
												3272 3275 gray sh	
3300												3295 3300 gray sh	
												3310 3322 gray sh	
												3322 3340 gray-buff fine mln fossiliferous slightly cherty	
												3340 3361 tan fine mln slightly dolomitic lst	
												3372 3380 gray micaceous sh	
												3380 3385 gray fine grain	
												3390 3395 gray fine grain	
												3400 3500 gray micaceous slightly sandy sh	
3500												3500 3503 gray sh	
												3512 3518 gray-buff dense to 3527 3535 gray-buff fine mln	
												3535 3545 gray sh	
												3545 3557 cream-gray-buff fine	
												3557 3563 gray sh	
												3570 3617 gray micaceous slightly sandy sh	
3600												3617 3678 gray fine grain sub-angular micaceous slight porosity st	
												3678 3705 red & gray sandy sh	
												3705 3710 red & gray limy sh	
												3753 3740 red & gray limy sh	
												3762 3765 red & gray sandy sh	
3800												3790 3810 dark gray to black sh	
												3810 3818 brown fine mln lst	
												3818 3842 dark gray to black sh	
												3842 Lansing	
												3852 3855 gray sh	
3900												3883 3885 gray sh	
												3905 3925 cream-gray-buff dense to fine mln cherty lst	
												3925 3937 cream-gray-buff	
												3937 3940 gray sh	
												3962 3972 buff to brown dense	
4000												3990 3995 cream-gray-buff	
												4000 4003 cream-gray-buff	
												4009 4042 gray-buff to brown dense to fine mln lst	
												4042 4044 gray sh	
												4060 4062 dark gray to black	
4100												4090 4095 buff to brown dense	
												4127 4135 gray-tan dense to 4135 4140 gray sh	
												4152 4158 gray sh	
												4161 4165 gray sh	
4200												4182 4191 gray sh	
												4191 4210 gray-brown-buff dense to fine mln lst	
												4210 4215 dark gray to black	
												4225 4231 dark gray to black	
												4236 4240 gray to dark gray sh	
												4247 4252 gray to dark gray sh	
												4262 4272 dark gray - black sh	
												4272 4285 gray-buff to brown	
												4285 4290 gray sh	
												4295 4300 gray sh	
4300												4312 4320 gray sh	
												4320 4323 gray-buff to brown	
												4333 4347 gray-buff to brown	
												4347 4352 gray sh	
												4360 4396 varicolored sh	
4400												4396 Mississippian	
												4420 4450 gray-buff fine granular cherty dolomitic lst spots light oil stain	
												4450 4580 gray-buff fine granular cherty dolomitic lst chert is white & light gray opaque almost 100% chert zones in part	
4500												4580 4620 white medium mln cherty lst	
												4620 4635 gray-buff fine mln slightly cherty	
												4635 Kinderhookian	
4700												4710 Chattanooga Shale	
												4745 Viola Limestone	
												4755 4766 gray coarse mln	
												4766 4772 brown medium mln	
												4778 4791 brown fine mln	
												4791 4801 light brown fine to 4801 4821 light brown fine mln dolomite trace chert	
												4821 4823 brown fine mln sandy	
												4850 4855 green sh	
												4862 4872 green sh	
												4872 4882 white medium grain	
												4882 4896 green sh	
												4896 4902 white medium grain	
												4917 4922 white medium grain	
												4938 4942 white medium grain	
4900												4955 Arbuckle	

Primary Rock Lithology

Secondary Rock Lithology

Fossils

Porosity Type