

Moldenhauer 1 (15-077-00125) T: 32S R: 7W S: 27
Latitude: 37.2255194 Longitude: -98.0741552 Elevation (GL): 1400.0 Depth: 5025.0

Depth	Stratigraphic Units							Rock Color	Lithology Rock Column	Fossils	Porosity Type	Porosity	Remarks
	Members	Formations	Subgroup	Group	Stage	Series	System						
2600													2600 2626 gray-buff dense to fine xln slightly cherty 1st
													2626 2641 gray sh
													2641 2665 gray dense to fine xln 1st
													2665 2670 gray sh
2700													2691 2699 gray sh
													2699 2713 light gray-light
													2713 2733 gray-buff dense to fine xln 1st
													2733 2743 gray sh
													2743 2775 light gray to buff dense to fine xln 1st pinpoint porosity in part
2800													2818 2824 gray sh
													2835 2845 gray sh
													2845 2873 gray-buff dense to fine xln fossiliferous 1st
													2873 2901 red & gray sh
2900													2901 2925 gray-buff dense to fine xln 1st
													2925 2941 red & gray sh
													2941 2955 gray-buff dense to 2955 2960 gray sh
3000													2990 2992 gray sh
													3015 3053 gray-buff dense to fine xln 1st
													3053 3073 red & gray sh
3100													3073 3083 cream-light gray 3083 3085 gray sh
													3122 3133 gray micaceous sh 3133 3142 gray fine to medium 3142 3152 gray micaceous sh 3152 3165 gray fine to medium 3165 3249 red & gray slightly sandy sh
3200													
													3249 3261 gray-buff dense to 3261 Heebner Shale
3300	Heebner Shale												3283 3286 black sh
													3295 3315 cream-gray dense to fine xln 1st streaks pinpoint 3315 3327 gray sh
													3327 3343 cream-gray-buff dense to fine xln fossiliferous 3343 3353 gray sh 3353 3372 cream-gray-buff dense to fine xln fossiliferous 3372 3375 gray sh
3400													3393 3490 gray micaceous sandy sh
													3490 3494 gray micaceous sh 3498 3508 gray micaceous sh 3508 3512 gray-buff fine xln
													3527 3539 gray-buff fine xln 3539 3553 gray sh 3553 3563 gray-buff fine xln 3563 3578 gray sh 3578 3583 gray-buff fine xln
3500													3620 3629 gray-buff dense to 3629 3723 gray fine to medium grain sub-angular micaceous sst porous (good porosity) in part
													3723 3800 medium gray to dark gray sandy micaceous sh
3600													3800 3850 dark gray sh
													3850 3859 dark gray to black 3859 3861 dark brown dense to 3874 Kansas City 3893 3895 gray sh
3700													3933 3937 gray sh
													3962 3965 gray sh 3978 3980 gray sh 3992 3997 dark gray to black
													4012 4015 gray sh 4028 4033 dark gray to black
													4053 4057 gray sh 4075 4080 gray sh 4085 4093 dark gray sh 4093 4103 gray-brown dense 1st
3800													4122 4141 dark gray sh 4141 4175 cream-gray-buff dense to fine xln 1st 4175 4180 gray sh 4183 4188 gray sh
													4222 4228 dark gray to black 4238 4240 dark gray to black
													4262 4268 dark gray to black 4275 4280 dark gray to black 4287 4293 black sh
3900													4325 4334 red & gray sh 4334 4342 gray-buff dense to 4342 4358 red & gray sh
													4365 4388 red & gray sh 4388 4390 gray-buff dense to
4000													4410 Penn. Basal Congl. 4434 Mississippian
													4455 4475 gray-buff fine granular cherty dolomitic 1st 4475 4490 gray-buff fine granular cherty dolomitic 1st 4490 4675 gray-buff fine granular cherty siliceous dolomitic 1st w/ almost 100% chert zones in part
4100													4675 4690 gray-buff dense cherty 1st 4690 Kinderhookian
													4750 4785 dark greenish gray to almost black sh
4200													4785 Chattanooga Shale
													4816 Hiscner Sandstone 4828 Simpson 4843 4849 green sh
4300													4885 4890 green sh 4900 4905 green sh 4912 4926 green sh 4926 4940 white to gray fine 4940 4959 green sh
													4959 4962 white to gray fine 4975 4984 white to gray fine 4984 4988 light brown fine to medium xln slightly sandy dolomite oolitic chert oolastic porosity in streaks
4400													
4500													
4600													
4700													
4800	Chattanooga Shale												
	Hiscner Sandstone	Viola Limestone											
4900													
5000													

Primary Rock Lithology

Secondary Rock Lithology

Fresh Water

Brackish Water

Marine

(F) Few

(M) Many

(B) Broken

Macrofossils

Pollen and (or) spores

Inter crystalline

Pinpoint

Porosity Type