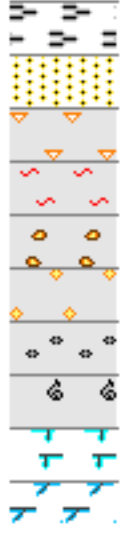


Pelzl 1 (15-077-00121) T: 32S R: 6W S: 13
 Latitude: 37.2683 Longitude: -97.9134 Elevation (GL): 1336.0 Depth: 1732.0

Depth	Stratigraphic Units							Rock Color	Lithology Rock Column	Grainsize Crypth Micro Very Fine Fine Medium Coarse Very Coarse Ext. Coarse	Sedimentary Structures	Fossils	Porosity	Type	Porosity	Remarks
	Members	Formations	Subgroup	Stage	Series	System	Era									
3000		Oread Limestone		Virgilian												3000 3010 dark gray platy 3010 Oread Limestone 3020 3035 dirty buff-light brown fossiliferous limestone 3035 3040 black shale 3050 3055 black shale 3070 3080 buff soft flaky 3080 3085 red & gray shale
3100																3105 3110 buff fine xln dense 3120 3150 light buff flaky granular to fine xln dense limestone vuggy porous (good porosity) streaks 3150 Douglas 3165 3170 gray some red shale 3174 3178 gray some red shale 3182 3188 gray some red shale 3190 3290 gray shale partly sandy interbedded w/ gray tight sst stringers
3200				Douglas												3290 3320 red & gray shale interbedded tight sandstone 3320 3400 dark gray platy shale
3300																
3400	Stalnaker Sandstone			Missourian	Upper											3400 3408 black lignitic shale 3408 Lansing 3443 3445 dark gray & black 3477 3482 gray sandstone
3500																3500 3590 dark gray platy slightly Calcareous shale
3600																3590 3630 dark gray & black platy calcareous shale 3630 3633 black lignitic shale 3647 Kansas City 3657 3670 interbedded 3670 3700 buff fine xln dense on soft flaky to chalky cherty limestone poor porosity 3700 3715 interbedded buff-light brown fine xln dense 3715 3735 buff gray light brown fine xln dense limestone 3735 3745 buff flaky cherty 3745 3755 buff fine xln dense 3762 3783 brown fine xln very dense limestone 3783 3785 black shale
3700																3805 3823 buff-light brown very dense limestone 3823 3825 black shale 3832 3837 dark gray shale 3850 3878 gray-brown fine xln very dense limestone 3878 Base KC 3890 3910 dark gray shale
3800																3910 3920 dirty buff 3920 3945 red gray little black platy shale 3945 Hazmaton 3955 3960 black shale 3970 4015 buff gray brown fine xln dense limestone interbedded w/ soft flaky to chalky limestone thin dark gray shale stringers 4015 4020 black shale 4030 4040 buff dense & soft 4040 4045 dark gray shale 4060 4063 buff gray brown soft 4070 4080 buff-light brown 4080 4084 black shale
3900																4118 Cherokee 4127 4130 buff gray brown 4138 4140 dark gray shale 4150 4160 dark gray shale 4160 4170 dark gray shale 4170 4173 buff brown greenish 4180 4185 buff brown greenish
4000																4210 4215 pink brown gray 4225 4243 drab gray & grayish green shale thin gray-brown 4243 4270 mostly drab gray shale 4270 4280 dark gray & black 4280 Penn. Bsl. Cg. 4290 4298 leached off 4298 4310 buff medium xln to 4310 4326 buff fine xln dense very cherty limestone mostly 4326 4330 dark gray grayish 4335 4343 fresh & tripolitic 4350 4360 gray fine xln shaly 4360 4380 buff fine xln to flaky very cherty limestone 4380 4390 gray fine xln 4390 4420 buff & gray fine xln limestone much dark gray chert 4420 4425 dark gray chert 4450 4525 buff gray fine xln flaky siliceous cherty limestone 4525 4575 buff-gray fine xln siliceous dolomitic limestone much gray chert 4575 4585 light buff flaky 4585 4604 light buff & gray flaky limestone much dark gray 4604 Kinderhookian 4643 4670 dark gray pyritic dolomitic spore bearing shale 4670 4690 dark gray & black platy shale 4690 chattanooga Shale
4100																4715 4745 part massive to sub
4200																
4300	Penn. Basal Conglomerate															4715 4745 part massive to sub
4400																
4500																
4600																
4700	Chattanooga Shale															4715 4745 part massive to sub



Shale
 Sand, Sandstone
 Chert
 Limestone
 Quartzite



Shaly, shale
 Sandy, sand
 Cherty, chert
 Glauconite, Glauconitic
 Lignitic, lignite
 Pyritic, pyrite
 oolitic
 fossiliferous
 Calcareous
 Dolomitic



Fresh Water
 Brackish Water
 Marine
 Few
 Many
 Broken



Macrofossils
 Pollen and (or) spores



Calcareous concretions



Vuggy