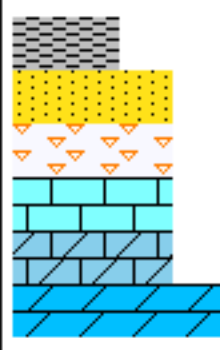


PETTERSON POOL 1 (15-073-20809) T: 27S R: 11E S: 18
Latitude: 37.6941439 Longitude: -96.2353185 Elevation (GL): 1085.0 Depth: 2378.0

Depth	Stratigraphic Units							Rock Color	Lithology Rock Column	Grainsize Very Fine Fine Medium Coarse Very Coarse Fragile			Porosity	Type	Porosity	Remarks
	Members	Formations	Subgroup	Group	Series	System	Era									
495																495 507 1st 507 517 sh gray 517 530 sst white-gray limy 530 535 sh gray 540 548 sh gray 548 551 sst white-gray limy 550 580 sst white-gray limy slightly micaceous tight some 580 667 sh gray trace red
595																
695																667 679 brown-gray xln 1st 679 705 sh gray trace red 705 708 gray dense fine xln 730 815 sh gray micaceous
795																
895																815 Lansing 843 864 tan sucrosic xln porous (good porosity) 1st 864 870 dark gray sh 888 920 white sucrosic porous (good porosity) 1st w/ medium fine xln 920 952 tan-white sucrosic 1st 952 990 gray sh 990 1124 sh gray-red
995																
1095																
1195																1124 Kansas City 1132 1135 gray sh 1145 1148 dense fossiliferous 1153 1155 dense fossiliferous 1175 1205 white fine xln tan-brown dense partly xln 1st 1205 1227 white-tan fine xln sucrosic wk. vuggy porosity 1st 1227 1231 gray dense 1st 1243 1255 gray dense 1st 1255 1260 gray-1st 1287 1290 black carb sh 1316 1359 white-gray very fine grain sst in vuggy hard clusters friable partly porous (good porosity) sst 1359 Base KC 1402 1415 brown dense hard 1415 1462 gray sh 1462 1470 gray-white-brown 1470 1492 gray sh 1492 1510 tan dense 1st 1510 1540 gray sh 1540 1575 gray sh w/ gray micaceous very fine grain sst 1575 1593 dark brown fossiliferous fine xln 1st 1593 1607 white dense chalky 1607 1610 black carb sh 1617 1625 gray sh 1625 1643 white dense 1st 1660 Cherokee 1670 1673 gray dense 1st 1680 1692 gray sh w/ trace 1692 1730 gray sh 1730 1800 dark gray sh 1800 1830 gray sh 1830 1850 gray sh trace micaceous 1850 1905 gray sh 1905 1910 black sh 1950 1956 gray sh 1970 1975 tan very fine xln 1995 Cowley Limestone 2030 2060 gray hard slightly dolomitic shaly 1st slightly chalky 2060 2113 gray hard slightly dolomitic shaly 1st slightly chalky w/ trace coarse xln partly fossiliferous slightly chalky 1st 2113 2129 brown coarse xln nodular limy cherty weathered 2129 Osagian 2150 2190 tan white very fine xln dolo 2190 2220 chalky w/ trace tan dolomitic 1st decrease in chert 2220 2297 gray very hard dense 1st w/ gray fresh sharp chert trace gray sh 2297 Kinderhookian 2315 2317 gray dense 1st 2344 Arbuckle 2365 2370 tugged dolo. 1 ft 2370 2378 tan medium xln dolo



Primary Rock Lithology

Shale

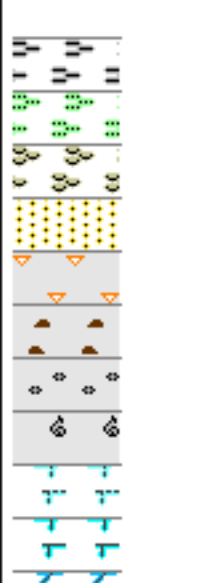
Sand, Sandstone

Chert

Limestone

Limestone Dolomite

Dolomite



Secondary Rock Lithology

Shaly, shale

Silty, Silt

Micaceous

Sandy, sand

Cherty, chert

Carbonaceous, Carbonized

oolitic

fossiliferous

Chalky

Calcareous

Dolomitic

Fresh Water

Brackish Water

Marine

() Few

() Many

() Broken

 - Macrofossils

 - Trace Fossils

Sedimentary Structure Symbols

Deformational Structures

 Nodules

 Nodules - Carbonates

Porosity Type

 - Inter-crystalline

 - Vuggy