

458870
Sample log
Muth Bros. #1 Byers,
NE NW, 21-19S-9W

Top Lansing-Kansas City (Oswald) 2850'

- 1 2850-2860' Lime, gray to brown, dense, hard.
1 2860-2865 Clay shale, maroon and green.
2 2865-2880 Lime, crystalline, hard, brown; with gray to black chert in base.
3 2880-2890 Lime, fragmental, brown and black mottled. Very slight porosity.
2 2890-2892 Shale, black, carbonaceous.
4 2892-2915 Lime, white to brown, finely crystalline; with white chert and rare black shale partings.
2915-2927 No sample
3 2927-2930 Shale, gray-green.
5 2930-2939 Lime, brown and black, fragmental. Traces of porosity.
2939-2948 Lime, white to brown, crystalline.
2948-2985 Lime, brown, with highly oolitic and porous layers.
4 2985-2990 Shale, dark gray-green.
2990-3040 No samples.
7 3040-3050 Lime, white to brown, cryst. to dense.
6 3050-3058 Shale, dark gray, clayey.
8 { 3058-3065 Lime, gray to brown, dense to cryst., hard.
3065-3080 Lime, brown, crystalline, oolitic; in part porous.
3080-3094 Lime, white, cryst., with scattered oblites. Non-porous.
3094-3118 Lime, white to gray, dense; with both pink and clear chert.
- { 3118-3123 Lime, brown to gray, dense to cryst. Pink chert.
3123-3135 Lime, white, cryst., very clean.
3135-3150 Lime, white, finely cryst. to granular. Abundant white chert
x { 3150-3175 Shale, dark gray, marine; with rare brown fragmental and brown dense lime.
2 3175-3180 Clay shale, maroon and green; with pink nodular lime.
2 3180-3183 Shale, black.
2 3183-3185 Lime, white, sugary.
1 { 3185-3198 Clay shale, maroon and green.
3198-3200 Clay shale with included sand.
3200-3205 Clay shale, sand, and chert pebbles.
3205 Top Arbuckle.