

Musgrove Craig #1

10-285-41W

Stanton County, Kansas

- 4900-4910 SH, dk gray-SLK, finely mica, greasy luster, fissile-splintery locally v carb
- 4910-4925 SH, AA v carb
- 4925-4930 LS, lt gray-tan, vf xln, dense, hd, tite
- 4930-4940 LS sum above w/ abund LS, lt-dk brn, cnsd, frag-abund foss, dense, hd, tite w/ intbs of SH, dk gray-SLK v carb
- 4940-4950 LS, lt-mid brn mostly, vf xln, some frag, dense, hd, tite w/ minor intbs of SH, dk gray-SLK
- 4950-4970 LS, mid-dk brn, vf xln, dense, hd, tite w/ intbs SH, AA
- 4970-4990 LS, lt-mid brn, cnsdly frag, dense, hd, tite, v abund blue gray EHERT
- 4990-5010 <sup>wh</sup> LS, lt tan <sup>v some dk brn</sup> vf xln to chalky, dense, tite, some intbs of SH, dk gray-SLK
- 5010-5040 SLTST, lt gray, gd sort, v hd, <sup>some</sup> v siliceous, dense, tite & some quite calc but still v tite w/ intbs SH, AA
- 5040-5070 SH, dk gray-SLK, AA locally v carb w/ thin intbs LS, lt tan, vf xln, dense, hd, tite
- 5070-5090 SH, dk gray-SLK, AA locally v carb
- 5090-5100 SS, wh-clear, cnsd-conglom (up to 3mm), any, pr-fair sort, mostly loose, some hd, tite, w/ silica cement

5100-5110 Int Bd SH, dk gray-slk AAA & SLTST, md gray-grn, soft, sh calc, porous but no perm

5110-5310 SH, dk gray-slk, AA mostly v carb.

5310-5330 SS, wh-H gray, mostly fg w/ occ cnc, fair-sd sort, sq, mostly hd & tite, abund glauc, sd is very lmy w/ some gradings to sdy frag LS, hd, tite

5330-5350 SS, sim above but lt-md brn mostly v lmy grading to sdy LS - brn color not due to staining but color of rock

5350-5360 SS sim above but w/ abund loose Qtz, f- to conglom, mostly ang w/ some sub round, clear to frosted; some bt to Qtz w/ a greasy hydrocarbon luster

5360-5370 ? Sample mostly SH, dk gray-slk, AA some rd SH-cavings?

5370-5380 SLTST, grn, v calc -grades to silty LS, hd, dense, tite some LS, lt tan, vt frag, ang, chalky matrix, dense tite

5380-5400 SLTST, rd brn, v calc -grades to silty LS, hd, dense, tite

5400-5410 LS, wh <sup>lt tan</sup> vt frag, ang, wh somewhat chalky matrix, v sdy, dense, tite

5410-5420 LS, sim above but mostly lt tan

5420-5440 LS, ANA

5440-5460 LS, wh-lt tan frag ANA but frags sh larger, still mostly ang but w/ some rounded grains - gradings to oolites <sup>frag size</sup>

5460-5470 LS, AAA but w/ abund orange CHERT

5470-5480 LS, H<sub>2</sub> brn, vt xln to sublt's but very gray, dense, hd, tite

5480-5490 LS, sim above but becoming wh & v chalky

5490-5510 LS, wh-H<sub>2</sub> tan chalky AAA but w/ abund LS, wh-H<sub>2</sub> tan vt<sup>mc</sup> frag in wh chalky matrix, hd, dense, tite, locally v sdy

5510-5550 LS, wh-H<sub>2</sub> tan, vt-md frag, any in mostly a wh chalky matrix, dense, tite, locally sdy, some rounded frags tending towards oolitic development

5550-5562 LS, wh, vt xln to chalky, dense, hd, tite

End of well