

MEASURED SECTION NO. 87-9103
 LOCALITY Clover-Rush Run Field
 SETTING William Kaufman #7

DATE 7/2/92
 STRATIGRAPHIC UNIT Box Injan
 MEASURED BY R.M. & AV

Interval	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	TEXTURAL MATURITY	DESCRIPTIONS
	GRAV	SAND	SILT CLAY				
2155	64 4	VCCM FVF					
2160							Start w/ Box 10/23
2165	ccc						10. lt. brownish grey, dolomitic w/ oblique & horizontal stylolites - must have contained salt water - salt xtls on surface
2170	c						11. green, inter-laminated shale & siltstone w/ compaction deformation of laminae - 2" thick
2175	cc						12. grey, heavily stylolitized, qtz sand w/ calcite cement w/ interbedded medium-coarse qtz ss
2180	cc						13. white to pale green, inter-bedded very coarse-medium qtz sandstone & very poorly sorted fine-v. fine qtz w/ isolated granules & very coarse qtz sand grains - all calcite cement to varying degrees - horizontal laminae & partings common; rare planar xbeds (10-250) - fine-v. fine ss is micaceous - siderite common
2185	c						14. spherical-ovoid nodules - 4cm diameter w/ speckles < 1mm diameter
2190	cc						15. 2177' 9" - 1 cm thick, grey-green shale
2195	c						16. lt. green, f-v. qtz ss, w/ variable calcite cement & sideritic speckles & blebs: isolated qtz pebbles/granules disappear within the first 1/2' & horizontal laminae become rare down core: ss is micaceous -
2200	c						17. NOTE: Diagenetic front very irregular at 2189.7'

~ - stylolite
 // - planar xbeds
 = - horizontal

ccc - calcite cement
 (S) - siderite

~ - unconformity (speculative)

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MEASURED SECTION NO. 87-963
 LOCALITY Clover-Rush Run field
 SETTING William Kaufman #7

DATE 7/2/92
 STRATIGRAPHIC UNIT Big Injun
 MEASURED BY RM & AV

GRAV	SAND			SILT CLAY	INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	TEXTURAL MATURITY		DESCRIPTIONS
	64 4	VCCM	FVF				SUP	MAT	
2190		c	⚡	⊖					at 2192' a diagenetic siderite front - thin 2" to 2 1/2" thick wedge shaped structure at 2190.7 an unidentified horizontal escape structure
2195	MISSING CORE								A fine-grain light green (chlorite rich) ss. speckled with 1mm to 1mm size siderite speckles (33%) loop porosity Also contains < 1% white mica
2200	MISSING CORE								one 4" of core that was wrapped in wax A fine-grain green sandstone w/ 1/2 mm size siderite speckles - NOTE: good porosity
2205									A grey shale w/ flute marks on bedding plane in a few localities slicken-sides Horizontal bedding
2210	vc			⊖					at 2206' a 4" thick green w/ siderite speckles siltstone / very fine ss at 2205' 6" - green & red siltstone - note: diagenetic front shale w/ lens of ss at 2205' 8" at 2204' - A fine to very fine-grained GREEN sandstone, chlorite rich A fine-grained green ss sandstone coated w/ salt bedding can not be determined. Excellent porosity note: diagenetic hematite front at 2211' 11" note has the follows bedding planes
2215	MISSING CORE								Alternating siltstone and shale forming wavy bedding below the sandstone

- ⊖ - very fine ss intraclasts
- - mud rip-up clasts
- ⊕ - siderite causing ss to be red
- vc - very weak calcite cement
- c - weak " "
- cc - moderate " "
- ccc - strong " "