



○ - ooids      ~ - fossil      ~~~~~ - unconformity  
 S - burrow      C? - oil stain?      // // // - planar xbeds  
 C - calcite cement      C - calcite reaction (wack)      = = = horizontal laminae  
 ⊕ - pyrite  
 ⊕ - siderite

8  
of  
p. 2

MEASURED SECTION NO. 87-3337  
 LOCALITY W. Sheffer Pt-P  
 SETTING Rock Creek Field

DATE 10/23/91  
 STRATIGRAPHIC UNIT Big Injun  
 MEASURED BY RM & AV

	SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SIP MAT MATUREITY	DESCRIPTIONS	
	GRAV	SAND						SILT CLAY
	64 4	VCCM	FVF					
2000								
2005								

pyrite  $\approx$  1mm in diameter and smears from saw blade  
 at 2002' 4" - a few floating grains  $\approx$  granular size  
 at 2002' 8" - a few floating grains  $\approx$  granular size  
 at 2004' 1" - a granular size horizon floating  
 at 2004' - an increase of iron oxide speckling the rock  
 at 2005' - a few floating grains  $\approx$  VCC to Granular size

The sandstone is generally fine to very fine w/  $\approx$  90% (?) quartz. The rock is porous you can see the porosity (also note how water soaks in). Note: how a fine clay coating coats the grains (auth. s. diagenetic). The rock is finely speckled w/ oxidized iron (rust color) with the grains  $\geq$  1mm in size. Black tarnished pyrite also speckles the fine-grain rock.

The rock shows a very faint reaction to HCl - a few bubbles here and there

≡ - horizontal bedding  
 5 // - cross bedding w/ degree of slope  
 (P) - pyrite