

ox 3

MEASURED SECTION NO. 87-1101  
LOCALITY LS Goff #15  
SETTING Triplet field

DATE 6/11/92  
STRATIGRAPHIC UNIT BIG LINE / BIG INJUN  
MEASURED BY Rm + AV

SEDIMENTARY TEXTURES & STRUCTURES				INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP. TEXTURAL MAT. SUB. MATURED IM.	DESCRIPTIONS	
GRAV	SAND	SILT	CLAY					
1930	64.4	VCCM F VF	SILT CLAY					
1935				(P)	○ / / / / 10°			
1940				(P)	○ / / / / 10°			
1945				(P)	○ / / / / 10°			
1950				(P)	○ / / / / 10°			
1955				(P)	○ / / / / 20°			
1960				C (S) (S) (S)	○ ○ ○ ○ ○			
1965				C (S)	○ ○ ○ ○ ○			

NOTE: BELOW 1958' Core is discontinuous & footage rarely marked - Typically a 5'-6' core interval is contained

(P) - pyrite  
 S - fracture  
 (S) - siderite  
 CEC, CCC - calcite  
 (Quartz)

- burrows
- stylolites
- - ooids
- - intraclasts

\*- moldic porosity

- horizontal laminae
- /// - planar xbeds
- \ - ripple xbeds

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MEASURED SECTION NO. 87-1101  
LOCALITY LS Goff WIS  
SETTING Triplet field

DATE (6/11/92)  
STRATIGRAPHIC UNIT B18 LIME / B18 IN gm  
MEASURED BY Rm + AV

NOTE: A lot of  
boxes do not  
have footage  
marks on the  
rock pieces  
w/ 5 to 6 ft  
of core put  
into a 3 foot

VC - very weak  
C - weak  
CC - moderate  
CCC - strong

~~Calcareous mudstone~~

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of 3

MEASURED SECTION NO. 87-1101  
LOCALITY L S Coff WIS  
SETTING Triplett field

DATE 6/11/93  
STRATIGRAPHIC UNIT B  
MEASURED BY RM & AV

SEDIMENTARY TEXTURES & STRUCTURES			INTERVAL	ROCK TYPE, CONTACTS & ACCESSORIES	SUP	TEXTURAL Maturity	Maturity	IM
GRAV	SAND	SILT CLAY						
64.4	VCCM F VF							
2000	CC							
2000	pyritized mud -							
2000	pyritized mud -							
2005	Bank 18 missing from Penn.							
2010	Specckled w/ 25°							
2015								

at 2000'-2002' 3" we have a very fine grained highly cemented w/ siderite (red color) w/:

DESCRIPTIONS Intraclasts are  $\approx$  1/2 mm diameter at 2000' 9" we have intrabiot or sandstone fossils just like 2001' 11" at 2001' 11" we have mudrip casts pyritized sandstone intraclasts, and fossil bivalves Intraclasts are resolved and filled up mud and from 2001' 11" to 2002' 3" highly cemented w/ mud-clasts at 2002' 3" and high calcite at bottom

at 2002' 5" to bottom of sandstone

The sandstone is blue-grey mostly fine sand (some very fine grains) w/  $\leq 1\%$  white mica flakes. The sand is very porous w/ chlorite coating on grains?

The sedimentary features appear to be mostly horizontal w/ the sand partings causing horizontal partings (following mud laminae?) The sand is speckled w/ .5 mm to 1 mm size siderite (approximately 5%) no calcite cement (except in the partings - I think this is carbonate dust from the drilling mud)

at 2011' 11": a diagenetic front not following bedding  $90^\circ$  more at 2012' 14"-2013' 4": zone of partings almost horizontal following bedding (following mud laminae?) interlayered siltstone + shale - The thickness of these interlayers are  $\frac{1}{10}$  inch to  $\frac{1}{2}$  inch with more shale in the bottom 3 inches a brown grey shale/siltstone

(S) - siderite

— horizontal bedding

== inclined bedding w/ degrees to side of core

○ - interclasts of sandstone

- mud clast

K - very weak calcite cement

C - weak calcite cement

CC - moderate calcite cement

CCC - strong calcite cement

-- bivalve fossils

<- fossils