

RESPEC
RAPID CITY, SD

CORE LOG DATA SHEET

CORE RUN # _____

PAGE _____ OF _____

SITE Presho

CORE BARREL LENGTH _____

CORE BARREL DIAMETER _____

TOP CORE INTERVAL _____

BOTTOM CORE INTERVAL _____

LENGTH CORED INTERVAL _____

RECOVERY _____

TIME RECOVERED _____

DATE RECOVERED _____

RUN RQD _____

LOGGED BY Jan

10-20-14

Depth	Interval		Lith	RQD	Description
	From	To			
394					
(73)				57"	fine to 15" then more no shaly magnetic gray mudstone 1/4" bent @ 13" followed by seam of green (glauconite?)
399					[ps-73 from bottom]
(74)				7.5" to 6" N4/N3	mudstone/claysh 1/4" bent @ 1"
404					1/4" old g.
				to 41" 54 512	calcareous
				irregular beddy + 44"	mudstone
				mixed of color	
				range + 51' 54 712	siltstone still calc
					bottom
				some what	N4/N3 1/2" green lye @ 59"
				what fissile	NON-calc small concretions (1/2")
					@ 57"
					bent seam @ 69"
					green seam @ 77 1/2"

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SITE Prosho
CORE BARREL LENGTH _____
CORE BARREL DIAMETER _____
TOP CORE INTERVAL _____
BOTTOM CORE INTERVAL _____
LENGTH CORED INTERVAL _____

RECOVERY 10-21-14
TIME RECOVERED _____
DATE RECOVERED sim 75'
RUN RQD _____
LOGGED BY jen windy

Depth	Interval		Lith	RQD	Description
	From	To			
404					de gry de drn gry best scan @ 29 1/2" shell
75				54.5"	claysh/mudstone non-calc 36"
409					1 1/2" marl/concretion @ top ← PSS-75
16				65.5"	de gry fide 1/2" bent @ 26" Occasional - marl 1/2" @
414					conc @ 9", 17", 39", 49" core?
77				47 1/2"	prtle @ top incl 1/2" flt clast PSS-77 top
419					de gry 1/2" to 1 1/2" conc throughout
18				65"	Still somewhat fissile to 30", redilled or damaged core tr ino erams
424					then shale/claysh numerous benthic conc
79				58.5"	de gry friable shale bent: 1/2" @ 3" 1/2" @ 12"
429					conc: 1/2" @ 8 1/2" 1/2" @ 7 1/2" 1/2" @ 13"
					1" @ 40" 1/2" @ 11" 1/2" @ 5"
					rich w/ shells @ 57"
					shells/loam to 2" bent 1/2" @ 9 1/2"
				66 1/2"	fine shale 2 1/2" @ 28"
					1" conc @ 15" bit green in the
					1/4" conc @ 37 1/2" 1" @ 56"
					1" @ 48 1/2"

CORE LOG DATA SHEET

CORE RUN #

PAGE OF

Presho

REL LENGTH

RECOVERY

10-22-14

ARREL DIAMETER

TIME RECOVERED

ORE INTERVAL

DATE RECOVERED

OM CORE INTERVAL

RUN RQD

GTH CORED INTERVAL

LOGGED BY

JRN

Depth	Interval		Lith	RQD	Description
	From	To			
437					
81				53"	dk gr. shak 5' bent w/ green streaks
			PS-Button	44"	2" conc @ 40" abundant
439					1" conc @ 10", 1/2" @ 17", 1" @ 31" moder.
			all of		1" conc, incisor. @ 34", 1/2" @ 43" @ 25"
			last post out of hole		maybe bent & tip
82			PS-Top		
444				59"	dk gray some greenish (1/2" conc @ 15"
					fine shale layers 2" conc @ 45"
			ir pyrite		lenticular 2" conc @ 57"
					1" lent. conc. @ 9"
83			56"		1" bent. @ 18" dk green
449					1/2" lent. conc. @ 70" salt & pepper fine sand seam @ 7 1/2"
					Having trouble with the core catcher.
					Need to fish multiple times to retrieve all core run.
					lower core is damaged.
					Stopping for week until new core bits come in.