

GEOTEK CORING Inc

3738 West 2340 South, Suite C
West Valley City, Utah 84120

1-385-528-2536

info@geotekcoring.com

www.geotekcoring.com



[FINAL]CORING RUN REPORT GENESIS OF METHANE IN THE GULF OF MEXICO (GoM^2)

DATE:	May 14, 2017	CORE:	8CS	
TOOL ASSEMBLY TEAM:	Bakken, Curry, Selman			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,132 ft	BOTTOM HOLE PRESSURE:	3,606 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCLAVE ASSEMBLY NUMBER:	-	
UPPER ASSEMBLY NUMBER:	B	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	C8280	RABBIT:	C8272
NOTES:				

TOOL ASSEMBLY

BUILD CHECKLIST		AUTOCLAVE PRESSURE TEST	
PAWL POST HEIGHT (0.095-0.105")	COMPLETE	To test, pressurize assembled autoclave to 3000 psi (+/- 100 psi). Record this <i>INITIAL</i> pressure below. Wait five minutes to allow for acclimitization. During this time inspect for gross leakage of water or significant pressure drop. If leaks or pressure loss are observed, rectify and retest. At five	
SAMPLE VALVE CLOSED AND PORT PLUGGED	COMPLETE		
LINER/IT PLUG LENGTH (156.75")	COMPLETE		
SHUTOFF VALVE OPEN	COMPLETE		
SUPPLY VALVE OPEN	COMPLETE		
SET PRESSURE (CONFIRM WITH 3 TESTS):	4,058 psi	DATE:	May 14, 2017
RESERVOIR PRESSURE:	8,083 psi	START TIME:	10:38
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,090 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,085 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,045 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
		START TIME:	
		END:	
TOOL READY FOR RIG FLOOR	DATE:	TOOL SENT TO RIG FLOOR	DATE:
	May 14, 2017		May 14, 2017
	TIME:		TIME:
	11:00		11:10
NOTES:			

CORING RUN

DATE:	May 14, 2017	TOOL DEPLOYMENT TIME:	11:20
START DEPTH:	8,132 ft	END DEPTH:	8,142 ft
CORING START TIME:	13:13	CORING END TIME:	13:47
		ANTICIPATED RECOVERY:	10:00
FLOW RATES	RUNNING IN:	10 spm	DRILL PARAMETERS
	CORING:	42 spm	
	PULLING:	0 spm	
	P.O.O.H.:	10 spm	
		W.O.B.:	8 tons
		R.P.M.:	60
		R.O.P.:	17.6 ft/hr
		COLD SHUCK:	TIME IN: N/A
TIME PULLED ABOVE MUDLINE:	Unknown	TIME ON DECK:	14:50
TOTAL TIME IN HOLE:	3:30:00	TOTAL TIME CORING:	0:34:00
NOTES: Ball valve failure. Drilled with 10.5 lb/gal mud			

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 14, 2017	TRANSDUCER PRESSURE:	0 psi
	TIME:	15:10		
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE	
PLACED IN ICE BATH	DATE:	N/A	TRANSFERRED TO PCATS	DATE:
	TIME:	N/A		TIME:
				N/A
SUCCESSFUL PRESSURIZED TRANSFER?	NO	TOTAL CORE RECOVERY:	6.5 ft	
		RECOVERY PERCENTAGE:	64.60%	
NOTES: No pressure				

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION
BALL VALVE	OPEN	RESERVOIR PRESSURE:
LINER	INTACT	0 psi
PAWLS	INTACT	WATER ABOVE PISTON?
PAWL SPRING	INTACT	NO
		WATER IN REGULATOR?
		NO
		REBUILD REGULATOR?
		YES
NOTES:		