

# 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 13, 2017	CORE:	CS6	
TOOL ASSEMBLY TEAM:	Virtue, Suhonen, Riley			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,122 ft	BOTTOM HOLE PRESSURE:	3,601 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	4	AUTOCLAVE ASSEMBLY NUMBER:	1	
UPPER ASSEMBLY NUMBER:	B	CATCHER KIT:	Basket/Rabbit   5" Extension   5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	8278	RABBIT:	8909
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):	3958	DATE:	May 13, 2017
RESERVOIR PRESSURE:	8068	START TIME:	20:24
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,167 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,155 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,127 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	<b>TEST 2 (IF REQUIRED)</b>	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
		START TIME:	
		END:	
TOOL READY FOR RIG FLOOR	DATE:	TOOL SENT TO RIG FLOOR	DATE:
	May 13, 2017		May 13, 2017
	TIME:		TIME:
	21:00		23:30
NOTES:			

### CORING RUN

DATE:	May 14, 2017	TOOL DEPLOYMENT TIME:	12:08		
START DEPTH:	8,112 ft	END DEPTH:	8,122 ft		
CORING START TIME:	01:58	CORING END TIME:	02:24		
		ANTICIPATED RECOVERY:	10.00 ft		
FLOW RATES	RUNNING IN:	10 spm	WIRELINE PULLOUT		
	CORING:	10-20			
	PULLING:	0 spm			
	P.O.O.H.:	10 spm			
		<b>DRILL PARAMETERS</b>			
	W.O.B.:	9 tons	R.P.M.:	60	
	COLD SHUCK:	TIME IN:	N/A	R.O.P.:	20.0 ft/hr
		TIME ON DECK:	02:55	WEIGHT (MAX):	8,144 lbs
TIME PULLED ABOVE MUDLINE:	Unknown	TOTAL TIME CORING:	0:26:00	SPEED:	400.0 ft/min
TOTAL TIME IN HOLE:	#####			TIME OUT:	N/A
NOTES: Fail run ball valve un fired, Pumps at 10 SPM until 4 ft in then, 20 for .5 ft then, up to 30 for 2 ft then, back off to 10 for the					

### CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 13, 2017	TRANSDUCER PRESSURE:	0 psi	
	TIME:	03:35			
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE		
PLACED IN ICE BATH	DATE:	N/A	TRANSFERRED TO PCATS	DATE:	N/A
	TIME:	N/A		TIME:	N/A
SUCCESSFUL PRESSURIZED TRANSFER?	NO	TOTAL CORE RECOVERY:	5.2 ft		
		RECOVERY PERCENTAGE:	52.20%		
NOTES:					

### POST-CORING TOOL ANALYSIS & REBUILD

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