

GEOTEK CORING Inc

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

DATE:	May 12, 2017	CORE:	2CS	
TOOL ASSEMBLY TEAM:	Selman, Curry			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,102 ft	BOTTOM HOLE PRESSURE:	3,593 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	3	AUTOCLAVE ASSEMBLY NUMBER:	4	
UPPER ASSEMBLY NUMBER:	A	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	8413	RABBIT:	8412
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	
SAMPLE VALVE CLOSED AND PORT PLUGGED	COMPLETE	this time inspect for gross leakage of water or significant pressure	
LINER/IT PLUG LENGTH (156.75")	COMPLETE	drop. If leaks or pressure loss are observed, rectify and retest. At five	
SHUTOFF VALVE OPEN	COMPLETE	TEST 1	
SUPPLY VALVE OPEN	COMPLETE	DATE:	May 12, 2017
SET PRESSURE (CONFIRM WITH 3 TESTS):	4,040 psi	INITIAL:	3,060 psi
RESERVOIR PRESSURE:	8,100 psi	START TIME:	02:36
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,050 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,037 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT SET	COMPLETE	DATE:	
TRANSDUCER BOX SHUNT VALUE	7043	START TIME:	
		INITIAL:	
		START:	
		END:	
TOOL READY FOR RIG FLOOR	DATE:	May 12, 2017	TOOL SENT TO RIG FLOOR
	TIME:	05:15	DATE:
			May 12, 2017
			TIME:
			15:47
NOTES:			

CORING RUN

DATE:	May 12, 2017	TOOL DEPLOYMENT TIME:	16:11			
START DEPTH:	8,072 ft	END DEPTH:	8,082 ft			
ANTICIPATED RECOVERY:	10.00 ft					
CORING START TIME:	18:38	CORING END TIME:	18:58			
FLOW RATES	RUNNING IN:	10 spm	DRILL PARAMETERS		WIRELINE PULLOUT	
	CORING:	3 bpm	W.O.B.:	10-20	R.O.P.:	30.0 ft/hr
	PULLING:	0 spm	R.P.M.:	60	WEIGHT (MAX):	8,000 lbs
	P.O.O.H.:	10 spm	COLD SHUCK:	TIME IN:	N/A	SPEED:
			TIME OUT:	N/A		
TIME PULLED ABOVE MUDLINE:	19:20		TIME ON DECK:	19:32		
TOTAL TIME IN HOLE:	3:21:00		TOTAL TIME CORING:	0:20:00		
NOTES: Failed run. Drilled with 10.5 lb/gal mud						

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 12, 2017	TRANSDUCER PRESSURE:	0 psi	
	TIME:	20:15			
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?	YES	TOTAL CORE RECOVERY:	6.6 ft		
		RECOVERY PERCENTAGE:	65.60%		
NOTES: FULL LINER LINER BROKEN AND THROUGH BALL					

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION
BALL VALVE OPEN		RESERVOIR PRESSURE: Unknown
LINER BROKEN		WATER ABOVE PISTON? NO
PAWLS INTACT		WATER IN REGULATOR? NO
PAWL SPRING INTACT		REBUILD REGULATOR? NO
NOTES: Liner broken at connection with core catcher (over-torque?)		