

GEOTEK CORING Inc

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

DATE:	May 19, 2017	CORE:	9FB
TOOL ASSEMBLY TEAM:	RILEY VIRTUE		
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,161 ft	BOTTOM HOLE PRESSURE:	3,619 psi
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCLAVE ASSEMBLY NUMBER:	2
UPPER ASSEMBLY NUMBER:	A	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	8283	RABBIT: 8413
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):	4,015 psi	TEST 1	
RESERVOIR PRESSURE:	8,103 psi	DATE:	May 19, 2017
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START TIME:	1605
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,155 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,152 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
TOOL READY FOR RIG FLOOR	DATE: May 19, 2017	TOOL SENT TO RIG FLOOR	DATE: May 20, 2017
	TIME: 17:03		TIME: 01:30
NOTES:			

CORING RUN

DATE:	May 20, 2017	TOOL DEPLOYMENT TIME:	01:30
START DEPTH:	8,151 ft	END DEPTH:	8,161 ft
CORING START TIME:	02:42	CORING END TIME:	02:57
ANTICIPATED RECOVERY:	10.00 ft		
FLOW RATES	RUNNING IN:	1.75 bbl	DRILL PARAMETERS
	CORING:	2 spm	
	PULLING:	0 spm	
	P.O.O.H.:	1.75 bbl	
W.O.B.:	5 tons	R.P.M.:	60
R.O.P.:	40.0 ft/hr	WIRELINE PULLOUT	
WEIGHT (MAX):	7,350 lbs		
SPEED:	170.0 ft/min		
TIME PULLED ABOVE MUDLINE:	03:17	TIME IN:	4:12
TOTAL TIME IN HOLE:	2:35:00	TIME ON DECK:	04:05
		TOTAL TIME CORING:	0:15:00
NOTES:			

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE: May 20, 2017	TRANSDUCER PRESSURE:	746 psi
	TIME: 05:11		
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE
PLACED IN ICE BATH	DATE: May 20, 2017	TRANSFERRED TO PCATS	DATE: May 20, 2017
	TIME: 05:29		TIME: 06:05
SUCCESSFUL PRESSURIZED TRANSFER?	YES	TOTAL CORE RECOVERY:	10.5 ft
		RECOVERY PERCENTAGE:	105.20%
NOTES: Boosted pressure up to 3250 in PCATS service van			

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION
BALL VALVE	CLOSED	RESERVOIR PRESSURE: 1,849 psi
LINER	INTACT	WATER ABOVE PISTON? NO
PAWLS	INTACT	WATER IN REGULATOR? NO
PAWL SPRING	INTACT	REBUILD REGULATOR? NO
NOTES:		