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

DATE: May 16, 2017		CORE: 3FB	
TOOL ASSEMBLY TEAM: Riley, Selman, Virtue			
BOTTOM CORE DEPTH (BELOW RIG FLOOR): 8,101		BOTTOM HOLE PRESSURE: 3,592 psi	
PRESSURE SECTION ASSEMBLY NUMBER: 4		AUTOCCLAVE ASSEMBLY NUMBER: 4	
UPPER ASSEMBLY NUMBER: A		CATCHER KIT: Basket/Rabbit	5" Extension 5" Extension
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER: C8286	RABBIT:	C8278
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):	4,050 psi	TEST 1	
RESERVOIR PRESSURE:	7,935 psi	DATE: May 16, 2017	INITIAL: 3,130 psi
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START TIME: 1920	START: 3,122 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE		END: 3,121 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT SET	COMPLETE	DATE:	INITIAL:
TRANSDUCER BOX SHUNT VALUE	7043	START TIME:	START:
			END:
TOOL READY FOR RIG FLOOR	DATE: May 18, 2017 TIME: 07:34	TOOL SENT TO RIG FLOOR	DATE: May 18, 2017 TIME: 17:30
NOTES:			

CORING RUN

DATE: May 18, 2017		TOOL DEPLOYMENT TIME: 17:41		
START DEPTH: 8,091 ft	8,101 ft	ANTICIPATED RECOVERY: 10.00 ft		
CORING START TIME: 19:29		CORING END TIME: 20:19		
FLOW RATES	RUNNING IN: 1.75 BPM	DRILL PARAMETERS		WIRELINE PULLOUT
	CORING: 1.75, 3, 2, 2.5, 3	W.O.B.: 2.5-5 tons	R.P.M.: 60	R.O.P.: 12.0 ft/hr
	PULLING: 0 spm			WEIGHT (MAX): 7,500 lbs
	P.O.O.H.: 1.75 BPM	COLD SHUCK: TIME IN: 21:00		SPEED: 100.0 ft/min
TIME PULLED ABOVE MUDLINE: 21:00		TIME ON DECK: 21:17		
TOTAL TIME IN HOLE: 3:36:00		TOTAL TIME CORING: 0:50:00		
NOTES: MIDDLE BARREL HAD SOME PRESSURE, HARD TO SEPERATE LOWER AND UPPER, USED CHAIN FALL TO HOLD				

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE: May 18, 2017 TIME: 22:10	TRANSDUCER PRESSURE: 1,780 psi
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED COMPLETE
PLACED IN ICE BATH	DATE: N/A TIME: N/A	TRANSFERED TO PCATS DATE: May 18, 2017 TIME: 22:18
SUCCESSFUL PRESSURIZED TRANSFER? YES		TOTAL CORE RECOVERY: 9.8 ft RECOVERY PERCENTAGE: 98.40%
NOTES: Transferred directly to PCATS due to low transducer reading.		

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION
BALL VALVE CLOSED		RESERVOIR PRESSURE: 1,002 psi
LINER INTACT		WATER ABOVE PISTON? NO
PAWLS INTACT		WATER IN REGULATOR? NO
PAWL SPRING INTACT		REBUILD REGULATOR? NO
NOTES:		