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

DATE: May 20, 2017		CORE: 11FB	
TOOL ASSEMBLY TEAM: MIMITZ, SELMAN, CURRY			
BOTTOM CORE DEPTH (BELOW RIG FLOOR): 8,176 ft	BOTTOM HOLE PRESSURE: 3,625 psi		
PRESSURE SECTION ASSEMBLY NUMBER: 1	AUTOCLAVE ASSEMBLY NUMBER: 3		
UPPER ASSEMBLY NUMBER: A	CATCHER KIT: Basket/Rabbit	5" Extension	5" Extension
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER: 8290	RABBIT:	8286
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		
		TEST 1	
SET PRESSURE (CONFIRM WITH 3 TESTS):	3,206 psi	DATE: May 20, 2017	INITIAL: 3,182 psi
RESERVOIR PRESSURE:	6,764 psi	START TIME: 08:19	START: 3,172 psi
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE		END: 3,152 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	TEST 2 (IF REQUIRED)	
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	DATE:	INITIAL:
TRANSDUCER BOX SHUNT SET	COMPLETE	START TIME:	START:
TRANSDUCER BOX SHUNT VALUE	7043		END:
TOOL READY FOR RIG FLOOR	DATE: May 20, 2017	TOOL SENT TO RIG FLOOR	DATE: May 20, 2017
	TIME: 10:02		TIME: 13:32
NOTES:			

CORING RUN

DATE: May 20, 2017		TOOL DEPLOYMENT TIME: 13:56		
START DEPTH: 8,166 ft	END DEPTH: 8,176 ft	ANTICIPATED RECOVERY: 10.00 ft		
CORING START TIME: 16:08		CORING END TIME: 16:21		
FLOW RATES	RUNNING IN: 1.5 BPM	DRILL PARAMETERS		WIRELINE PULLOUT
	CORING: 5 BPM	W.O.B.:	R.P.M. 60	WEIGHT (MAX): 2,900 lbs
	PULLING: 0 spm	NEGATIVE		SPEED: 150.0 ft/min
	P.O.O.H.: 1.5 BPM	COLD SHUCK:	TIME IN: 17:10	TIME OUT: 17:55
TIME PULLED ABOVE MUDLINE: 16:55		TIME ON DECK: 17:07		
TOTAL TIME IN HOLE: 3:11:00		TOTAL TIME CORING: 0:13:00		
NOTES: Purpose of the coring run was not to take a core but to wash down through a sandy potentially unstable interval.				

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE: May 20, 2017	TRANSDUCER PRESSURE: 3,001 psi
	TIME: 17:59	
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 21, 2017
	TIME: 18:08	TIME: 01:41
SUCCESSFUL PRESSURIZED TRANSFER? YES		TOTAL CORE RECOVERY: 0.9 ft
		RECOVERY PERCENTAGE: 8.80%
NOTES: IN COLD BATH FORHRS		

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS		NOTES	PRESSURE SECTION	
BALL VALVE	CLOSED		RESERVOIR PRESSURE:	1,138 psi
LINER	INTACT		WATER ABOVE PISTON?	NO
PAWLS	INTACT		WATER IN REGULATOR?	NO
PAWL SPRING	INTACT		REBUILD REGULATOR?	NO
NOTES:				