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

DATE:	May 19, 2017	CORE:	10FB
TOOL ASSEMBLY TEAM:	VIRTUE RILEY		
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,166 ft	BOTTOM HOLE PRESSURE:	3,621 psi
PRESSURE SECTION ASSEMBLY NUMBER:	4	AUTOCLAVE ASSEMBLY NUMBER:	4
UPPER ASSEMBLY NUMBER:	A	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	8282	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 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):	3,204 psi	TEST 1	
RESERVOIR PRESSURE:	6,471 psi	DATE:	May 20, 2017
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START TIME:	01:32
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,025 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,012 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
TOOL READY FOR RIG FLOOR	DATE: May 20, 2017	TOOL SENT TO RIG FLOOR	DATE: May 20, 2017
	TIME: 04:30		TIME: 05:00
NOTES: Pulled back from rig floor to adjust pressure regulator set.			

CORING RUN

DATE:	May 20, 2017	TOOL DEPLOYMENT TIME:	09:03			
START DEPTH:	8,161 ft	END DEPTH:	8,166 ft			
CORING START TIME:	10:46	ANTICIPATED RECOVERY:	5.00 ft			
		CORING END TIME:	10:55			
FLOW RATES	RUNNING IN:	1.75 bbl	DRILL PARAMETERS		WIRELINE PULLOUT	
	CORING:	1-2 bbl	W.O.B.:	10 tons	R.P.M.:	60
	PULLING:	0 spm	R.O.P.:	33.3 ft/hr	WEIGHT (MAX):	7,100 lbs
	P.O.O.H.:	1.75 bbl	COLD SHOCK:	N/A	TIME IN:	N/A
TIME PULLED ABOVE MUDLINE:	N/A	TIME ON DECK:	11:05			
TOTAL TIME IN HOLE:	2:02:00	TOTAL TIME CORING:	0:09:00			
NOTES: Ran in once to 8,038 ft (approximately 160 ft above total depth); unable to land tool. Returned to surface for inspection.						

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE: May 20, 2017	TRANSDUCER PRESSURE:	3,255 psi
	TIME: 11:45		
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: 11:53	TIME:	14:00
SUCCESSFUL PRESSURIZED TRANSFER?	YES	TOTAL CORE RECOVERY:	2.4 ft
		RECOVERY PERCENTAGE:	47.23%
NOTES: STUCK IN PCATS...			

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS		NOTES	PRESSURE SECTION	
BALL VALVE	CLOSED		RESERVOIR PRESSURE:	1,425 psi
LINER	INTACT		WATER ABOVE PISTON?	NO
PAWLS	INTACT		WATER IN REGULATOR?	NO
PAWL SPRING	INTACT		REBUILD REGULATOR?	NO
NOTES:				