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

DATE:	May 16, 2017	CORE:	SEAWATER TEST 3 FB	
TOOL ASSEMBLY TEAM:	Selman, Curry, Bakken; Riley, Virtue			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	1,090 ft	BOTTOM HOLE PRESSURE:	483 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCLAVE ASSEMBLY NUMBER:	3	
UPPER ASSEMBLY NUMBER:	A	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	C8410	RABBIT:	C8427
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):	907 psi	TEST 1	
RESERVOIR PRESSURE:	2,342 psi	DATE:	May 16, 2017
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START TIME:	12:37
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,275 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,215 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	END:	3,244 psi
TRANSDUCER BOX SHUNT VALUE	7043	TEST 2 (IF REQUIRED)	
TOOL READY FOR RIG FLOOR	DATE:	TOOL SENT TO RIG FLOOR	DATE:
	May 16, 2017		May 16, 2017
	TIME:		TIME:
	13:40		13:45
NOTES:			

CORING RUN

DATE:	May 16, 2017	TOOL DEPLOYMENT TIME:	14:30
START DEPTH:	1,090 ft	END DEPTH:	1,090 ft
CORING START TIME:	14:40	CORING END TIME:	15:00
FLOW RATES	RUNNING IN:	10 spm	DRILL PARAMETERS
	CORING:	N/A	W.O.B.:
	PULLING:	0 spm	R.P.M.:
	P.O.O.H.:	10 spm	R.O.P.:
			WIRELINE PULLOUT
			WEIGHT (MAX):
			SPEED:
			TIME OUT:
TIME PULLED ABOVE MUDLINE:	N/A	TIME ON DECK:	15:40
TOTAL TIME IN HOLE:	1:10:00	TOTAL TIME CORING:	0:20:00
NOTES: Strapped 1.75 bbl/min while running in and pulling out, matching 10 spm pump rate			

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 16, 2017	TRANSDUCER PRESSURE:	1,113 psi
	TIME:	15:55		
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE	
PLACED IN ICE BATH	DATE:	N/A	TRANSFERRED TO PCATS	DATE:
	TIME:	N/A		TIME:
				N/A
SUCCESSFUL PRESSURIZED TRANSFER?	NO	TOTAL CORE RECOVERY:	0.0 ft	
		RECOVERY PERCENTAGE:		
NOTES:				

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION
BALL VALVE	CLOSED	RESERVOIR PRESSURE:
LINER	INTACT	726 psi
PAWLS	INTACT	WATER ABOVE PISTON?
PAWL SPRING	INTACT	NO
	"scale" behind pawls and in seal sub	WATER IN REGULATOR?
		NO
		REBUILD REGULATOR?
		NO
NOTES: lots of "scale/cement?" between shoe and ball follower, should have been clean since it's the 3rd water test		