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

DATE:	May 17, 2017	CORE:	2FB
TOOL ASSEMBLY TEAM:	Bakken, Curry, Mimitz, Selman		
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,091 ft	BOTTOM HOLE PRESSURE:	3,588 psi
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCCLAVE ASSEMBLY NUMBER:	2
UPPER ASSEMBLY NUMBER:	A	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	C8410	RABBIT: C8272
NOTES:			

TOOL ASSEMBLY

BUILD CHECKLIST		AUTOCCLAVE 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):	4,107 psi	TEST 1	
RESERVOIR PRESSURE:	8,100 psi	DATE:	May 17, 2017
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	START TIME:	06:38
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,035 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,035 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	END:	3,018 psi
TRANSDUCER BOX SHUNT VALUE	7043	TEST 2 (IF REQUIRED)	
TOOL READY FOR RIG FLOOR	DATE:	May 18, 2017	TOOL SENT TO RIG FLOOR
	TIME:	02:08	DATE:
			May 18, 2017
			TIME:
			05:15
NOTES:			

CORING RUN

DATE:	May 18, 2017	TOOL DEPLOYMENT TIME:	10:35
START DEPTH:	8,081 ft	END DEPTH:	8,091 ft
CORING START TIME:	11:39	ANTICIPATED RECOVERY:	10.00 ft
		CORING END TIME:	12:00
FLOW RATES	RUNNING IN:	1.75 bbl	DRILL PARAMETERS
	CORING:	1.00-2.25 bbl	W.O.B.:
	PULLING:	0 bbl	R.P.M.
	P.O.O.H.:	1.75 bbl	R.O.P.:
		3-7 tons	60
			28.6 ft/hr
TIME PULLED ABOVE MUDLINE:	12:23	COLD SHUCK:	TIME IN:
TOTAL TIME IN HOLE:	2:02:00	TIME ON DECK:	12:40
		TOTAL TIME CORING:	13:25
			12:37
			0:21:00
NOTES:			

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 18, 2017	TRANSDUCER PRESSURE:	2,834 psi
	TIME:	13:34		
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE	
PLACED IN ICE BATH	DATE:	May 18, 2017	TRANSFERRED TO PCATS	DATE:
	TIME:	N/A		May 18, 2017
SUCCESSFUL PRESSURIZED TRANSFER?	YES	TOTAL CORE RECOVERY:	4.9 ft	
		RECOVERY PERCENTAGE:	49.20%	
NOTES: Observed a visible leak from ball valve seal (pinhole size, area of bubbles approximately 0.125" diameter) during processing.				

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS		NOTES		PRESSURE SECTION	
BALL VALVE	CLOSED			RESERVOIR PRESSURE:	1,900 psi
LINER	INTACT			WATER ABOVE PISTON?	NO
PAWLS	INTACT			WATER IN REGULATOR?	NO
PAWL SPRING	INTACT			REBUILD REGULATOR?	NO
NOTES:					