

GEOTEK CORING Inc

3738 West 2340 South, Suite C
West Valley City, Utah 84120

1-385-528-2536

info@geotekcoring.com

www.geotekcoring.com



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

DATE:	May 13, 2017	CORE:	4CS	
TOOL ASSEMBLY TEAM:	Selman, Curry, Bakken, Mimitz			
BOTTOM CORE DEPTH (BELOW RIG FLOOR):	8,102 ft	BOTTOM HOLE PRESSURE:	3,593 psi	
PRESSURE SECTION ASSEMBLY NUMBER:	2	AUTOCLAVE ASSEMBLY NUMBER:	4	
UPPER ASSEMBLY NUMBER:	B	CATCHER KIT:	Basket/Rabbit 5" Extension 5" Extension	
DST SERIAL NUMBERS:	LINER LENGTH ADJUSTER:	C8282	RABBIT:	8281
NOTES:	Seawater Test 3 - converted to 4CS			

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):	4,019 psi	DATE:	May 13, 2017
RESERVOIR PRESSURE:	8,030 psi	START TIME:	08:21
FILL VALVE CLOSED/PORT PLUGGED	COMPLETE	INITIAL:	3,050 psi
SET VALVE CLOSED/PORT PLUGGED	COMPLETE	START:	3,040 psi
DRAIN VALVE CLOSED/PORT PLUGGED	COMPLETE	END:	3,020 psi
TRANSDUCER BOX SHUNT SET	COMPLETE	TEST 2 (IF REQUIRED)	
TRANSDUCER BOX SHUNT VALUE	7043	DATE:	
		START TIME:	
		END:	
TOOL READY FOR RIG FLOOR	DATE:	May 13, 2017	TOOL SENT TO RIG FLOOR
	TIME:	09:50	DATE:
			May 13, 2017
			TIME:
			09:51
NOTES:			

CORING RUN

DATE:	May 13, 2017	TOOL DEPLOYMENT TIME:	11:00		
START DEPTH:	8,092 ft	END DEPTH:	8,102 ft		
CORING START TIME:	13:06	CORING END TIME:	13:34		
		ANTICIPATED RECOVERY:	10:00 ft		
FLOW RATES	RUNNING IN:	10 spm	WIRELINE PULLOUT		
	CORING:	50 spm			
	PULLING:	0 spm			
	P.O.O.H.:	10 spm			
		DRILL PARAMETERS			
	W.O.B.:	10 tons	R.P.M.	60	
	COLD SHUCK:		R.O.P.:	20.0 ft/hr	
			WEIGHT (MAX):	7,200 lbs	
			SPEED:	full	
TIME PULLED ABOVE MUDLINE:	14:07	TIME IN:	14:30	TIME OUT:	15:17
TOTAL TIME IN HOLE:	3:20:00	TIME ON DECK:			14:20
NOTES:	Drilled with 10.5 lb/gal mud				
		TOTAL TIME CORING:			0:28:00

CORE TRANSFER & RECOVERY

RECEIVED FROM RIG FLOOR	DATE:	May 13, 2017	TRANSDUCER PRESSURE:	3,372 psi	
	TIME:	15:20			
SHUTOFF VALVE CLOSED	COMPLETE	PRESSURE DRAINED; DRAIN VALVE AND PORT CLOSED	COMPLETE		
PLACED IN ICE BATH	DATE:	May 13, 2017	TRANSFERRED TO PCATS	DATE:	May 13, 2017
	TIME:	15:32		TIME:	16:00
SUCCESSFUL PRESSURIZED TRANSFER?	YES	TOTAL CORE RECOVERY:			4.6 ft
NOTES:		RECOVERY PERCENTAGE:			45.60%

POST-CORING TOOL ANALYSIS & REBUILD

OBSERVATIONS	NOTES	PRESSURE SECTION	
BALL VALVE	CLOSED	RESERVOIR PRESSURE:	Unknown
LINER	INTACT	WATER ABOVE PISTON?	NO
PAWLS	INTACT	WATER IN REGULATOR?	NO
PAWL SPRING	INTACT	REBUILD REGULATOR?	YES
NOTES:			