



WATER-BASED MUD REPORT No.10

Operator : University of Texas
Report For : Tom Pettigrew
Well Name : OCS-G 30344 Hole H002
Contractor/Rig: Helix/Q4000
Report For : David Cobb

Field/Area : Green Canyon
Description : Block 955
Location : Offshore
Water Depth : 6664
Log-It # : 254627

Depth/TVD : 8142 ft/8142 ft
Date : 15-May-17
Spud Date :
Mud Type : WBM Other (M-I SWACO)
Activity : POOH w/ BHA

DRILLING ASSEMBLY	CASING	MUD VOLUME (bbl)		CIRCULATION DATA		
-201 ft, 5.875 in Drill Pipe		Hole	Active Pits	Pump Make	NOV HEX II	NOV HEX II
2 ft, 8.5 in Sub		141.8	#N/A	Pump Liner x Stk	4.5x11.8in	4.5x11.8in
120 ft, 8.5 in Drill Collar		Total Circulating Volume		Pump Capacity	4.87 gal/stk	4.87 gal/stk
3 ft, 8.5 in Stabilizer		#N/A		Pump stk/min	@ 100%	@ 100%
30 ft, 8.5 in Drill Collar		Depth Drilled Last 24 hr		Flow Rate	gal/min	
3 ft, 8.5 in Stabilizer		ft		Pump Pressure	psi	
Nozzles 5x20 / x 1/32"		Volume Drilled Last 24 hr		Bottoms Up	0 min/ 0 stk	
9.875in		0 bbl		Total Circulation	0 min/ 0stk	

		MUD PROPERTIES				PRODUCTS USED Last 24 hr		
Sample From	Sweep @ 02:00				Products	Size	Amount	
FlowLine Temp	°F 80							
Depth/TVD	ft 8142 / 8142							
Mud Weight /Temp	lb/gal @ °F 11.5 @ 80							
Funnel Viscosity	sec/qt							
Rheology Temp	°F 80							
R600/R300	134 / 99							
R200/R100	85 / 67							
R6/R3	38 / 37							
PV	cP 35							
YP	lb/100ft² 64							
10s/10m/30m Gel	38 /							
API Fluid Loss	cc/30min							
HTHP Fluid Loss	cc/30min							
Cake APT/HT	1/32"							
Solids	%vol							
Oil/Water	%vol				Drilling Fluids Supervisor		1.0	
Sand	%vol				Drilling Fluids Supervisor		1.0	
MBT	lb/bbl							
pH / Temp					SOLIDS CONTROL EQUIPMENT Last 24 hr			
Alkal Mud (Pm)					Type	Model/Size	Hrs Used	
Pf/Mf								
Chlorides	mg/L							
Hardness (Ca++)								
					MUD PROPERTY SPECS min-max		Actual	
						-		
						-		

REMARKS AND TREATMENT	REMARKS
Preparing to offload 16 ppg. Mud from Gerry Bordelon. Extra Engineering Charge for hotshot, bringing Static Sheen kit to the Heliport and picking up monthly LC-50 sample to send to Environmental Enterprises in Slidell, LA.	Logging. Rigged down wireline logging equipment. Spotted an 11.5 ppg HI Vis Pill from 8142' to 7,900' with 10.5 ppg pad mud. Rigged up for cement job. Pump cement spacer and cement. Pulled out of the hole and laid down BHA. Prepare BHA for hole H005.

TIME DISTRIBUTION Last 24 hrs		MUD VOL ACCTG (bbl)		SOLIDS ANALYSIS		RHEOLOGY & HYDRAULICS	
Circulating / Hole C	1	Water Added		NaCl	%vol / lb/bbl	n	
Wireline Logs	1	Mud Received		KCl	%vol / lb/bbl	k	
Cementing Operatio	4	Mud Returned		Low Gravity	% / lb/bbl	Tauy	
Trip (Programmed)	10	Other Subsurface	3.1	Bentonite	% / lb/bbl	Bit loss/%, psi/%	
Make Up / Lay Dow	8	Other Subsurface	50	Drill Solids	% / lb/bbl	Bit HHP/HIS	
		Other Subsurface	49	Weight Material	% / lb/bbl	Jet Velocity, ft/s	
				Chemical Conc	lb/bbl	Va Pipe, ft/min	
				Inert/React		Va Collars, ft/min	
				Average SG Solids		CVa Pipe, ft/min	
						CVa Collars, ft/min	
						ECD at Shoe, lb/gal	
						ECD at TD, lb/gal	

M-I Engineer	Phone	email	Whse Phone	Rig Phone	Daily cost	Cumulative Cost
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Karey Louviere	281-942-4001	klouviere@slb.com				