

A Schlumberger Company

WATER-BASED MUD REPORT No.6

Depth/TVD: 8193 ft/8193 ft Field/Area: Green Canyon **Operator: University of Texas** Report For: Tom Pettigrew **Description:** Block 955 Date: 21-May-17 Well Name: OCS-G 30344 Hole H005 **Location**: Offshore Spud Date :

Contractor/Rig: Helix/Q4000 Report For: David Cobb Water Depth: 6664 Mud Type: WBM Other (M-I SWACO) Log-lt#: Activity: Wait On Cement

Report For . David Cobb			Log it "		Addivity.		
DRILLING ASSEMBLY	CASING		MUD VOLUME (bbl)		CIRCULATION DATA		
6526 ft, 5.875 in Bit			Hole	Active Pits	Pump Make	NOV HEX II	NOV HEX II
2 ft, 8.5 in Sub			317.7		Pump Liner x Stk	4.5x11.8in	4.5x11.8in
120 ft, 8.5 in Drill Collar			Total Circu	lating Volume	Pump Capacity	4.87 gal/stk	4.87 gal/stk
3 ft, 8.5 in Stabilizer			17	71.9	Pump stk/min		@100%
30 ft, 8.5 in Drill Collar			Depth Drill	ed Last 24 hr	Flow Rate		gal/min
3 ft, 8.5 in Stabilizer			8 ft		Pump Pressure		psi
Nozzles 5x20 / x 1/32"			Volume Drilled Last 24 hr		Bottoms Up	0 min/ 0 stk	
9.875in			0.8 bbl		Total Circulation 0 mir		n/ Ostk
	MUD PROPERTIES		•		PRODUCTS	hr	
Sample From	Pit #6 @ 03:00				Products	Size	Amount
FlowLine Temp °F	80						
Depth/TVD f	8193 / 8193						
Mud Weight /Temp Ib/gal @ °F	11.5 @ 80						
Funnel Viscosity sec/q							
Rheology Temp °F							
R600/R300	126 / 96						
R200/R100	85 / 69						
R6/R3	43 / 41						
PV cP							
YP lbf/100ft ²							
10s/10m/30m Gel	47						
API Fluid Loss cc/30min							
HTHP Fluid Loss cc/30min							
Cake APT/HT 1/32'							
Solids %vo							
Oil/Water %vo					Drilling Fluids Supervisor	•	1.0
Sand %vo							1.0
MBT lb/bb							
pH/Temp					SOLIDS CONTROL	EQUIPMENT I	ast 24 hr
Alkal Mud (Pm)					Туре	Model/Size	Hrs Used
Pf/Mf					HiSide Mixer		
Chlorides mg/L							
Hardness (Ca++)							
,							
					MUD BRODERTY ORE	00	
					MUD PROPERTY SPE	Co min-max	Actual
						-	
						-	
						-	
	ND TREATMENT				REMARKS		

brine tanks.

pump before the cement spacer. Check number 1 on the mud report is the HI Spotted 30 bbl 11.5 ppg HI Vis Pill on bottom. Pulled up above pill @ 7,900'. Performed Vis 11.5 ppg pill. Consolidating WBM in brine tanks to continue cleaning empty cement job as per SLB cementing program. Pulled out of the hole and waited on cement.

TIME DISTRIBUTION Last 24 hrs		MUD VOL ACCTG (bbl)		SOLIDS ANALYSIS		RHEOLOGY & HYDRAULICS		
Drilling	2	Water Added	7	NaCl	%vol / lb/bbl	n		
Coring Operations	5	Mud Received		KCI	%vol / lb/bbl	k		
Circulating / Hole C	7	Mud Returned		Low Gravity	% / lb/bbl	Tauy		
Rig Up / Tear Down	10	Other Subsurface	76	Bentonite	% / lb/bbl	Bit los	ss/%, psi/%	
		Other Subsurface	6	Drill Solids	% / lb/bbl	Bit HI	HP/HIS	
		Other Subsurface	40	Weight Material	% / lb/bbl	Jet Ve	elocity, ft/s	
		Other Subsurface	55	Chemical Conc	lb/bbl	Va Pi	pe, ft/min	
				Inert/React	Va Collars, ft/min			
				Average SG Solid	ds	CVa F	CVa Pipe, ft/min	
						CVa (Collars, ft/min	
							at Shoe, lb/gal	
						ECD:	at TD, lb/gal	
/I-I Engineer	Phone	email		Whse Phone	Rig Phone	Daily cost	Cumulative Cost	
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