

A Schlumberger Company

## WATER-BASED MUD REPORT No.2

Operator : University of Texas Report For : Tom Pettigrew Well Name : OCS-G 30344 Pilot Hole A Contractor/Rig: Helix/Q4000 Report For : David Cobb			Field/Area : Description : Location : Water Depth : Log-It # :	Offshore 6664	Date : 7-May-17 Spud Date : Mud Type : WBM Other (M-I SW Activity : Rig Up				
DRILLING		CAS	ING	MUD VOL				ATION DATA	
				Hole	Active Pits	Pur	np Make	NOV HEX II	NOV HEX II
							ner x Stk		4.5x11.8in
				Total Circula	iting Volume		Capacity		4.87 gal/stk
							o stk/min		@100%
				Depth Drille	d Last 24 hr		low Rate		gal/min
				0			Pressure		psi
Nozzles x					ed Last 24 hr		toms Up		n/ 0 stk
9.87	'5in			0 bbl			rculation		n/ Ostk
		MUD PROP	-	-			DUCTS	USED Last 24	hr
Sample From		Sample Port @ 18:40				Products		Size	Amount
FlowLine Temp	°F								
Depth/TVD	ft								
Mud Weight /Temp									
Funnel Viscosity	sec/qt								
Rheology Temp	°F								
R600/R300									
R200/R100				ł	ļ				
R6/R3									
PV	CP								
YP	lbf/100ft <sup>2</sup>								
10s/10m/30m Gel	20/20-1-	47.0							
API Fluid Loss HTHP Fluid Loss	cc/30min cc/30min								
Cake APT/HT	1/32"	1							
Solids									
Oil/Water	%vol					Drilling Fluids S	uponvisor		1.0
Sand	%vol					Drilling Fluids S			1.0
MBT	lb/bbl					Drining Fluids S			1.0
pH / Temp	וממאמו	10.4 @ 80						EQUIPMENT	Last 24 br
Alkal Mud (Pm)		1.5				Туре	JNIKUL	Model/Size	Hrs Used
Pf/Mf		0.1 / 0.5				Type		WOUGH/SIZE	This Used
Chlorides	mg/L	1800							
Hardness (Ca++)	mg/∟	800							
		000							
						MUD PROPER		CC min max	A = 1 = 1
						MOD PROPER	KIT SPE	CS min-max	Actual
								-	
								-	
								-	
		ND TREATMENT				REMARKS			
chemicals. Took w ppg. Received a to Began building HI	veights while receiv otal of 2184 bbls of Vis Sweeps and Pa	g equipment, WBM, a ring WBM from the HC WBM from the M/V H ad Mud as required. V ause our office has no	OS Crockett, 16.0 OS Crockett. Ve were not able to	Continue rigging	up to prepare for	aning plot note	3.		
						0			
		MUD VOL A	CCTG (bbl)					OLOGY & HY	
Rig Up / Tear Down	r 24	Water Added Mud Received	2300	NaCl KCl	%vol / lb/bbl %vol / lb/bbl		n k		
		Mud Returned	2300	Low Gravity	%\0171b/bbl % / lb/bbl		⊼ Tauy		
		Maartetaniea		Bentonite	% / lb/bbl			%, psi/%	
	1			Drill Solids	% / lb/bbl		Bit HHP/		
	1			Weight Material	% / lb/bbl		Jet Velo		
	1			Chemical Conc	lb/bbl		Va Pipe,		
				Inert/React			Va Colla	rs, ft/min	
				Average SG Soli	ds		CVa Pip		
							CVa Col	lars, ft/min	
								Shoe, lb/gal	
								TD, lb/gal	
M-I Engineer	Phone	email		Whse Phone	Rig Phone	Daily co	st	Cumula	tive Cost
Begona Sanchez	281-942-4001	GLopez27@slt	o.com			<b>.</b>			
Karey Louviere	281-942-4001	klouviere@slb.		985-303-6218	281-942-4001	\$1,800.0	U	\$9,0	00.00
				1					



Operator : University of Texas Well Name : OCS-G 30344 Pilot Hole A

## Wellsite Daily Cost

Daily Report No. 2

Date : 5/7/2017 Report No: 2

Locatio	on: Offshore										
		<u>Daily</u>				Cumulati	ive Interva	<u>al</u>		Cumu	ulative Well
Engineering Charge	s:						\$9,000.00				\$9,000.00
Chemical cos											
Equipme	nt:										
Screer	าร:										
Total Daily Co	st:						\$9,000.00				\$9,000.00
Daily Ta							i				
		Unit Qty Charged									
Engineering Costs	Unit				Daily Engineering Cost			Cumulative Engineering cost			
		Price		Daily	Cum						
Product Costs	Unit	Unit	Start	Daily	Cum	Daily	Cum	Daily	Cum.	Final	Daily
						-					-
Inventory & Consumption	Size	Price	Amount	Used	Used	Rec'd	Rec'd	Return	Return	Stock	Cost
CAUSTIC SODA	50 LB	\$32.68									
DEFOAM X	5 GA	\$206.25									
DUO-VIS	25 KG	\$305.00									
FRESH WATER	1 GA	\$0.05									
LIME	50 LB	\$6.50									
M-I GEL	100 LB	\$11.12									
M-I GEL BULK	1 TN	\$198.00									
MYACIDE GA25	5 GA	\$277.93									
PAD MUD (WATERBASE)	1 BL	\$47.50									
POLYPAC R	50 LB	\$175.00									
SODA ASH	50 LB	\$14.85									
TANNATHIN	50 LB	\$12.50				Ι Τ					

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## MUD VOLUME ACCOUNTING

Daily Report

A Schlumberger	Company

Operator :	University of Te	xas		Date :	5/7/2017			
Well Name: OCS-G 30344		Pilot Hole A Report No.: 2						
TANK	CAPACITY bbl	WEIGHT lb/gal	VOLUME bbl	REMARKS	CLASS	SUM of VOLUMES bbl		
Pit 1	190	15.9	178	WBM	Reserve	Reserve	2129	
Pit 2	190	15.9	177	WBM	Reserve	Pad Mud		
Pit 3	190				Pad Mud	Kill Mud	14	
Pit 4	190	15.8	14	WBM	Kill Mud	Active		
Pit 5	165				Active	Prehydrated Gel	41	
Pit 6	90	15.8	41	WBM	Prehydrated Gel	HI Vis Sweep		
Pit 7	90				HI Vis Sweep	Boat	116	
Pit 8	165	15.9	146	WBM	Reserve			
Brine Tank 1	563	16	533	WBM	Reserve			
Brine Tank 2	773	16	743	WBM	Reserve			
Brine Tank 3	384				Reserve			
Brine Tank 4	353	16	352	WBM	Reserve			
HOS Crockett	3000	16	116	WBM	Boat			
						Non Transactional Tank Volume		
						Total Non Trans Volume		
		MUD IN HO	) F (bbl)		L			
		ANNULUS	PIPE	BELOW BIT	TOTAL			
Total Hole Volume	Э							
Volume Not Mud								
Mud Volume								
	١	<b>VOLUME BAL</b>	ANCE (bbl)		1	LOSS BREAKDOW	/N (bbl)	
IN/TO:		ACTIVE	RESERVE	OTHER	TOTAL			
Start Volume								
Oil Added								
Water Added								
Vol Chem Added								
Total Volume Bui	t							
Received				2300	2300			
Return								
Transfer In			2129	55	2184			
Transfer Out				2184	2184			
Daily Loss								
Final Volume			2129	171.0	2300.0			