A Schlumberger Company

## WATER-BASED MUD REPORT No.6

		Description : Location : Water Depth : Log-It # :	Offshore 6664	<ul> <li>Depth/TVD : 8193 ft/8193 ft</li> <li>Date : 21-May-17</li> <li>Spud Date :</li> <li>Mud Type : WBM Other (M-I SV</li> <li>Activity : Wait On Cement</li> </ul>			M-I SWACC		
DRILLING A	SSEMBLY	CAS	MUD VOL	UME (bbl)	CIRCULATION DATA				
6526 ft, 5.8				Hole	Active Pits		p Make		NOV HEX II
2 ft, 8.5				317.7		Pump Lin			4.5x11.8in
120 ft, 8.5 in					ating Volume	Pump Ca	apacity		4.87 gal/st
3 ft, 8.5 in					1.9		stk/min	@100%	@100%
30 ft, 8.5 in 1				Depth Drille	d Last 24 nr ft	Pump P	w Rate		gal/min psi
3 ft, 8.5 in Stabilizer Nozzles 5x20 / x 1/32"					ed Last 24 hr		ms Up	0 mir	/ 0 stk
9.875					bbl	Total Circ			n/ Ostk
		MUD PROP	ERTIES					USED Last 24	
Sample From		Pit #6 @ 03:00				Products		Size	Amount
FlowLine Temp	°F	80				DUO-VIS		25 KG BG	9
Depth/TVD	ft	8193 / 8193				M-I GEL BULK		1 TN	20
Mud Weight /Temp		11.5 @ 80		ļ	╂─────┦	POLYPAC R		50 LB BG	9
Funnel Viscosity	sec/qt °⊏	00			╂─────┦	M-I WATE (BARI	(E)	50 LB BG	148
Rheology Temp R600/R300	°F	80 126 / 96			╂─────┦	DESCO POLY-PLUS		25 LB BG 5 GA CN	1
R200/R300		85 / 69			┼───┦	I ULI-FLUO		J GA UN	Z
R6/R3		43 / 41			┼───┤				
	cP	30		1	tt				
YP	lbf/100ft <sup>2</sup>	66							
10s/10m/30m Gel		47							
API Fluid Loss	cc/30min								
HTHP Fluid Loss	cc/30min								
Cake APT/HT	1/32"				Į				
Solids	%vol				╂─────┦	Drilling Fluids Su			4.0
Dil/Water Sand	%vol %vol					Drilling Fluids Su			<u> </u>
MBT	lb/bbl						JEIVISUI		1.0
oH / Temp	10/001					SOLIDS CO	NTROL	EQUIPMENT I	ast 24 hr
Alkal Mud (Pm)						Туре		Model/Size	Hrs Used
Pf/Mf						HiSide Mixer			
Chlorides	mg/L								
Hardness (Ca++)									
								20 min may	A . ( 1
						MUD PROPER	IT SPEC	5 min-max	Actual
								-	
								-	
		ND TREATMENT			L	REMARKS		-	
		ide Blender. Built 11.	Hi Vie Swoon to	Performed core #	40 from 0 4051 0	193' using 10.5 P	ad Mud.	Borformod av	
oump before the cer	ment spacer. Cheo	ck number 1 on the m in brine tanks to cont	ud report is the HI	Spotted 30 bbl 1	1.5 ppg HI Vis Pill	on bottom. Pulled or program. Pulled or program.	d up abo	ve pill @ 7,900	0'. Performe
oump before the cer vis 11.5 ppg pill. Co prine tanks. TIME DISTRIBUT	ment spacer. Cheo onsolidating WBM 10N Last 24 hrs	ck number 1 on the m in brine tanks to cont MUD VOL A	ud report is the HI nue cleaning empty	Spotted 30 bbl 1 <sup>-</sup> cement job as pe cement.	1.5 ppg HI Vis Pill or SLB cementing	program. Pulled o	d up abo out of the RHE	ve pill @ 7,900	0'. Performed ed on
pump before the cer /is 11.5 ppg pill. Co prine tanks. TIME DISTRIBUT Drilling	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2	ck number 1 on the m in brine tanks to cont MUD VOL A Water Added	ud report is the HI nue cleaning empty	Spotted 30 bbl 1 cement job as pe cement. S( NaCl	1.5 ppg HI Vis Pill er SLB cementing OLIDS ANALYSIS %vol / Ib/bbl	program. Pulled o	d up abo out of the RHE	we pill @ 7,900	0'. Performed ed on
oump before the cer /is 11.5 ppg pill. Co prine tanks. TIME DISTRIBUT Drilling Coring Operations	ment spacer. Chec onsolidating WBM ION Last 24 hrs 2 5	ck number 1 on the m in brine tanks to cont MUD VOL A Water Added Mud Received	ud report is the HI nue cleaning empty	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl	1.5 ppg HI Vis Pill er SLB cementing OLIDS ANALYSIS %vol / Ib/bbl %vol / Ib/bbl	program. Pulled o Sr k	d up abo but of the RHE	we pill @ 7,900	0'. Performed ed on
oump before the cer /is 11.5 ppg pill. Co rrine tanks. TIME DISTRIBUT Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned	ud report is the HI nue cleaning empty CCTG (bbl) 7	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity	1.5 ppg HI Vis Pill or SLB cementing OLIDS ANALYSIS %vol / Ib/bbl %vol / Ib/bbl % / Ib/bbl	program. Pulled o S r k T	d up abo but of the RHE	ove pill @ 7,900	0'. Performe ed on
TIME DISTRIBUT Drilling Corring Operations Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM ION Last 24 hrs 2 5	MUD VOL A MUD VOL A Water Added Mud Received Mud Returned Other Subsurface	CCTG (bbl) 7 7 7	Spotted 30 bbl 1 cement job as pe cement. So NaCl KCl Low Gravity Bentonite	1.5 ppg HI Vis Pill or SLB cementing OLIDS ANALYSIS %vol / Ib/bbl %vol / Ib/bbl % / Ib/bbl % / Ib/bbl	program. Pulled o S r k E F E F E	d up abo but of the RHE auy Bit loss/%	ove pill @ 7,900 hole and wait OLOGY & HYI 6, psi/%	0'. Performe ed on
TIME DISTRIBUT Drilling Corring Operations Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned	ud report is the HI nue cleaning empty CCTG (bbl) 7	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity	1.5 ppg HI Vis Pill or SLB cementing OLIDS ANALYSIS %vol / Ib/bbl %vol / Ib/bbl % / Ib/bbl	program. Pulled o S r k T E E E	d up abo but of the RHE	oue pill @ 7,900 hole and wait OLOGY & HYI 6, psi/% HIS	D'. Performe ed on
oump before the cer /is 11.5 ppg pill. Co prine tanks. TIME DISTRIBUT Drilling Coring Operations	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6	Spotted 30 bbl 1 cement job as pe cement. Solution NaCl KCl Low Gravity Bentonite Drill Solids	1.5 ppg HI Vis Pill or SLB cementing OLIDS ANALYSIS %vol / Ib/bbl % / Ib/bbl % / Ib/bbl % / Ib/bbl % / Ib/bbl	program. Pulled o S r k T E J J	d up abo but of the RHE auy Bit loss/9 Bit HHP/I	oLOGY & HYI	D'. Performe ed on
oump before the cer /is 11.5 ppg pill. Co rrine tanks. TIME DISTRIBUT Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6 40	Spotted 30 bbl 1 cement job as pe cement. Solution NaCl KCl Low Gravity Bentonite Drill Solids Weight Material	1.5 ppg HI Vis Pill or SLB cementing %vol / lb/bbl %vol / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl	program. Pulled o S r k T E J V N	RHE RHE auy Bit loss/% Bit HHP/I et Veloc /a Pipe, /a Collar	OLOGY & HYI	D'. Performe ed on
TIME DISTRIBUT Drilling Corring Operations Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6 40	Spotted 30 bbl 1 cement job as pe cement. So NaCl KCl Low Gravity Bentonite Drill Solids Weight Material Chemical Conc	1.5 ppg HI Vis Pill or SLB cementing %vol / lb/bbl %vol / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl lb/bbl	program. Pulled o S r k E J J V V C	RHE RHE auy Bit Ioss/% Bit HHP/I et Veloc /a Pipe, /a Collar CVa Pipe	oLOGY & HYI	D'. Performe ed on
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oump before the cer /is 11.5 ppg pill. Co rrine tanks. TIME DISTRIBUT Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6 40	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity Bentonite Drill Solids Weight Material Chemical Conc Inert/React	1.5 ppg HI Vis Pill or SLB cementing %vol / lb/bbl %vol / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl lb/bbl	program. Pulled o S r k T E E J V V C E E E E E E E E E E E E E	RHE auy Bit loss/9 Bit HHP/I let Veloc /a Pipe, /a Collar CVa Pipe CVa Pipe CVa Collar CVa Collar	oute pill @ 7,900 hole and wait ology & HYI ology & HY	D'. Performe ed on
TIME DISTRIBUT Drilling Corring Operations Drilling Corring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6 40	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity Bentonite Drill Solids Weight Material Chemical Conc Inert/React	1.5 ppg HI Vis Pill or SLB cementing %vol / lb/bbl %vol / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl lb/bbl	program. Pulled o S r k T E E J V V C E E E E E E E E E E E E E	RHE auy Bit loss/9 Bit HHP/I let Veloc /a Pipe, /a Collar CVa Pipe CVa Pipe CVa Collar CVa Collar	OLOGY & HYI 6, psi/% HIS ity, ft/s ft/min s, ft/min ars, ft/min Shoe, lb/gal	D'. Performe ed on
TIME DISTRIBUT Dirine tanks. TIME DISTRIBUT Dirilling Coring Operations Circulating / Hole C Rig Up / Tear Down	ION Last 24 hrs 2 5 7 10	MUD VOL A Water Added Mud Received Mud Received Other Subsurface Other Subsurface Other Subsurface	CCTG (bbl) 7 76 6 40	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity Bentonite Drill Solids Weight Material Chemical Conc Inert/React Average SG Solid	1.5 ppg HI Vis Pill or SLB cementing %vol / Ib/bbl %vol / Ib/bbl % / Ib/bbl % / Ib/bbl % / Ib/bbl bbl b/bbl ds	program. Pulled of second seco	RHE auy Bit loss/% Bit HNP/let Veloc /a Collar CVa Pipe CVa Coll CCD at S CCD at T	OLOGY & HYI 6, psi/% HIS ity, ft/s ft/min ars, ft/min ars, ft/min ars, ft/min bhoe, lb/gal D, lb/gal	D'. Performe ed on
oump before the cer /is 11.5 ppg pill. Co rrine tanks. TIME DISTRIBUT Drilling Coring Operations Circulating / Hole C	ment spacer. Chec onsolidating WBM 10N Last 24 hrs 2 5 7	MUD VOL A Water Added Mud Received Mud Returned Other Subsurface Other Subsurface	CCTG (bbl) 7 7 76 6 40 55	Spotted 30 bbl 1 cement job as pe cement. St NaCl KCl Low Gravity Bentonite Drill Solids Weight Material Chemical Conc Inert/React	1.5 ppg HI Vis Pill or SLB cementing %vol / lb/bbl %vol / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl % / lb/bbl lb/bbl	program. Pulled o S r k T E E J V V C E E E E E E E E E E E E E	RHE auy Bit loss/% Bit HNP/let Veloc /a Collar CVa Pipe CVa Coll CCD at S CCD at T	OLOGY & HYI 6, psi/% HIS ity, ft/s ft/min ars, ft/min ars, ft/min ars, ft/min bhoe, lb/gal D, lb/gal	D'. Performe ed on



## Wellsite Daily Cost

Daily Report No. 6

Operator: University of Texas

Well Name : OCS-G 30344 Hole H005

Location: Offshore

Date : 5/21/2017 Report No: 6

Location	: Offshore										
		<u>Daily</u>				<u>Cumulat</u>	ive Interva	<u>al</u>		<u>Cumul</u>	ative Well
Engineering Charges:	\$1,800.00	\$9,000.00				\$10,800.00					
Chemical cost:	\$10,022.88			\$	15,741.01			\$	62,091.01		
Equipment	\$23,800.00				\$	23,800.00			\$	23,800.00	
Screens	:										
Total Daily Cost	:	\$35,622.88				\$	48,541.01			\$	96,691.01
Daily Tax	:										
		11	Qty Charged								
Engineering Costs	Unit Price		Daily Cum		Daily Engineering Cost			Cumulative Engineering cost			
OFFSHORE ENGINEERING SERV		\$900.00		2	12	\$1,800.00		\$10,800.00			
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	51		5					51	
DEFOAM X	5 GA	\$206.25	15		1					15	
DESCO	25 LB	\$54.48	78	1	2					77	\$54.48
DUO-VIS	25 KG	\$305.00	24	9	18					15	\$2,745.00
FRESH WATER	1 GA	\$0.05									
LIME	50 LB	\$6.50	94		2					94	
M-I GEL	100 LB	\$11.12			_						
M-I GEL BULK	1 TN	\$198.00	20	20	24.5						\$3,960.00
M-I WATE (BARITE)	50 LB	\$9.80	466	148	148					318	\$1,450.40
MIXING CHARGE WBM	1	\$4.00			900		900				
MYACIDE GA25	5 GA	\$277.93									
OFFSHORE ENGINEERING SERV	1	\$900.00									
PAD MUD (WATERBASE)	1 BL	\$47.50			900		900				
PALLETS POLYPAC R	1 50 LB	\$17.00	75		15					60	¢4 575 00
POLYPAC R POLY-PLUS	50 LB 5 GA	\$175.00 \$119.00	75 14	9 2	15 7					66 12	\$1,575.00 \$238.00
SHRINK WRAPPING	5 GA	\$119.00	14	2	1					12	<b>⊅∠</b> 38.00
SODA ASH	50 LB	\$17.00	20							20	
SPERSENE	50 LB	\$65.00						1			
	30 LD	305.00									



## MUD VOLUME ACCOUNTING Daily Report

A Schlumberger Company

I Iniversity of To	Yas		Date :	5/21/2017			
0CS-G 30344 r			Report No.:	0			
CAPACITY	WEIGHT		REMARKS	CLASS	SUM of VOLUMES bbl		
190	15.8	42		Reserve	Reserve	782	
190	15.4	177		Reserve	Pad Mud	140	
190				Pad Mud	Kill Mud	164.2	
190	11.5	164.2		Kill Mud	Prehydrated Gel		
165	10.5	140		Pad Mud	Drill Water	75	
90	11.5			Prehydrated Gel	Empty		
90	8.33	75		Drill Water	Boat		
165	8.33	137		Seawater	Active		
563	16	563		Reserve	Seawater	137	
773	16			Reserve			
384				Empty			
353	Ī			Empty			
3000	1			Boat			
50							
	1						
				2001	Non Transactional Tank	Volume bbl	
1							
-							
		LE (bbl)					
	ANNULUS	PIPE	<b>BELOW BIT</b>	TOTAL			
Total Hole Volume		172	146	318			
Volume Not Mud		172	146	318			
V	OLUME BALA	ANCE (bbl)			LOSS BREAKDOW	/N (bbl)	
			OTUED	TOTAL	Other Subsurface	76	
IN/TO:		RESERVE	UTHER	TOTAL	Other Subsurface	6	
Start Volume		898	568.2	1466.2	Other Subsurface	40	
Oil Added					Other Subsurface	55	
Water Added			7	7			
Vol Chem Added		1	2	2			
				2			
t							
t			9	9			
t							
t							
t							
t	116.0	116.0					
	OCS-G 30344 H	bbl         lb/qal           190         15.8           190         15.4           190         11.5           165         10.5           90         11.5           90         8.33           165         8.33           563         16           773         16           384         353           3000         50           1500         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000           1000         1000	OCS-G 30344 Hole H005           CAPACITY bbl         WEIGHT Ib/gal         VOLUME bbl           190         15.8         42           190         15.4         177           190         15.4         177           190         11.5         164.2           165         10.5         140           90         8.33         75           165         8.33         137           563         16         563           773         16         563           3000	OCS-G 30344 Hole H005         Report No.:           CAPACITY bbl         WEIGHT lb/aal         VOLUME bbl         REMARKS bbl           190         15.8         42           190         15.4         177           190         15.4         177           190         11.5         164.2           165         10.5         140           90         8.33         75           90         8.33         137           563         16         563           773         16	OCS-G 30344 Hole H005         Report No.:         6           CAPACITY bol         WEIGHT Ib/aal         VOLUME bol         REMARKS         CLASS           190         15.8         42         Reserve           190         15.4         177         Reserve           190         15.4         177         Reserve           190         15.4         177         Reserve           190         15.4         177         Reserve           190         11.5         164.2         Kill Mud           165         10.5         140         Pad Mud           90         8.33         75         Drill Water           165         8.33         137         Seawater           563         16         563         Reserve           773         16         Reserve         Boat           50         2         Active         Boat           50         2         2         Active           1500         2         2         2         2           2         2         2         2         2         2           3000         2         2         2         2         2	CCS-G 30344 Hole Hous         Report No.:         6           CAPACITY         WEIGHT         VOLUME         REMARKS         CLASS         SUM of VOLUME           190         15.8         42         Reserve         Reserve         Reserve           190         15.4         177         Reserve         Pad Mud         Kill Mud           190         11.5         164.2         Kill Mud         Prehydrated Gel         Empty           90         11.5         140         Pad Mud         Drill Water         Boat           90         11.5         Prehydrated Gel         Empty         Boat         Active           563         16         563         Reserve         Seawater         Active           3333         I         Empty         Image: Seawater         Active           353         I         Empty         Image: Seawater         Active           1500         Image: Seawater         Total Non Transactional Tank         Total Non Transactional Tank           1500         Image: Seawater         Image: Seawater         Image: Seawater         Image: Seawater           1500         Image: Seawater         Image: Seawater         Image: Seawater         Image: Seawater	