

LEASE OCSGG32306	MC 252 #1 ST00 BP01	API WELL NUMBER 608174116901	WATER DEPTH 4992	DATE 09 Apr 2010
OPERATOR BP Exploration		CONTRACTOR Transocean	RIG NO DeepWater Horizon	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOL PUSHER		

D.P. SIZE	WEIGHT	GRADC	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
6.625	32	S-135	8.25	6.625 FH		1	Continental Emsco	Triplex	15
-	-	-	-	-	-	2	Continental Emsco	Triplex	15
-	-	-	-	-	-	3	Continental Emsco	Triplex	15
-	-	-	-	-	-	4	Continental Emsco	Triplex	15

TIME DISTRIBUTION - HOURS			DRILLING ASSEMBLY			BIT RECORD				MUD RECORD				
CODE NO. - OPERATION	NIGHT	DAY	NO.	ITEM	LENGTH	BIT NO.				TIME				
1. Rig Up and Tear Down	0.0	0.0	1	Bit	1.530	9	8.5			0945				
2. Drill Actual	3.5	0.5	1	PRESSURE DROP	3.710	SIZE	8.5			WEIGHT	14.0			
3. Reaming	3.0	0.0	1	DIRECT. SJB	2.560	IADC CODE				PRESSURE GRADIENT	.728			
4. Coring	0.0	0.0	1	DM SONDE	8.510	MANUFACTURER	HUGHES			FUNNEL VISCOSITY	103			
5. Condition Mud & Circulate	5.5	6.5	1	8" IB STAB	2.200	TYPE	HC408XC			PV / YP	27 / 15 / /			
6. Trips	0.0	3.0	1	M-5 RLL	23.500	SERIAL NO.				GEL STRENGTH	14 / 14 / /			
7. Lubricate Rig	0.0	0.0	1	6 3/4 FILTER SUB	7.980	JETS	4X14			FLUID LOSS	2.2			
8. Repair Rig	0.0	0.0	1	8 3/8 FLOAT/STAB	5.120	TFA	.601			pH				
9. Cut Off Drilling Line	0.0	0.0	1	X-O	4.890	DEPTH OUT				SOLIDS	28.14			
10. Deviation Survey	0.0	0.0	6	6.5" SPIRAL D.C.	186.200	DEPTH IN	18260							
11. Wire Line Logs	0.0	0.0	9	X-O	4.650	TOTAL DRILLED	0.00							
12. Run Casing & Cement	0.0	0.0	19	HWDP	584.830	TOTAL HOURS	0.00							
13. Wait On Cement	0.0	0.0	0											
14. Nipple Up B.O.P.	0.0	0.0	0											
15. Test B.O.P.	0.0	2.0	125	STANDS D.P.	17088.340									
16. Drill Stem Test	0.0	0.0	1	SINGLES D.P.	45.780	INNER	OUTER	DULL CHAR.	LOCATION					
17. Plug Back	0.0	0.0	0	KELLY DOWN	40.080	BEARINGS /SEALS	GAGE	OTHER DULL CHAR	REASON PULLED					
18. Squeeze Cement	0.0	0.0	0	TOTAL	18330.000									
19. Fishing	0.0	0.0	WT. OF STRING			677000.00								
20. Dir. Work	0.0	0.0	REMARKS NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TEST DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. VERIFIED CROWN SAVER AND FLOOR SAVER. SWIVEL PACKING HOURS 601 JAR HOUR 45. METAL ON DITCH MAGNETS 10.2 OZ. PIT DRILL 4 MINUTES.											
21.	0.0	0.0	SWIVEL PACKING HOURS			629.50	JAR HOURS			34	DRILLER			Revette, Dewey

COMPLETION	TIME DISTRIBUTION - HOURS			DRILLING ASSEMBLY			BIT RECORD				MUD RECORD						
	CODE NO. - OPERATION	NIGHT	DAY	NO.	ITEM	LENGTH	BIT NO.				TIME						
A. Perforating				1	Bit	1.530	9	8.5			1700						
B. Tubing Trips				1	PRESSURE DROP	3.710	SIZE	8.5			WEIGHT	14.0					
C. Treating				1	DIRECT. SJB	2.560	IADC CODE				PRESSURE GRADIENT	.728					
D. Swabbing				1	DM SONDE	8.510	MANUFACTURER	HUGHES			FUNNEL VISCOSITY	98					
E. Testing				1	8" IB STAB	2.200	TYPE	HC408XC			PV / YP	27 / 14 / /					
F.				1	M-5 RLL	23.500	SERIAL NO.				GEL STRENGTH	16 / 16 / /					
G.				1	6 3/4 FILTER SUB	7.980	JETS	4X14			FLUID LOSS	2.2					
H.				1	8 3/8 FLOAT/STAB	5.120	TFA	.601			pH						
TOTALS	12.0	12.0	6	6.5" SPIRAL D.C.	186.200	DEPTH OUT				SOLIDS	28.67						
DAYWORK TIME SUMMARY (OFFICE USE ONLY)			1	X-O	4.650	DEPTH IN	18260										
Hours w/ Contr. D.P.			9	HWDP	277.050	TOTAL DRILLED	0.00										
Hours w/ Opr. D.P.			1	JARS	31.840	TOTAL HOURS	0.00										
Hours Without D.P.			19	HWDP	584.830												
Hours Standby			0														
			0														
			116	STANDS D.P.	15850.460	INNER	OUTER	DULL CHAR.	LOCATION								
			0	SINGLES D.P.	0.000	BEARINGS /SEALS	GAGE	OTHER DULL CHAR	REASON PULLED								
			0	KELLY DOWN	0.000												
			0	TOTAL	17066.260												
			WT. OF STRING			677000.00											
TOTAL DAYWORK			0	REMARKS NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TEST DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. VERIFIED CROWN SAVER AND FLOOR SAVER. SWIVEL PACKING HOURS 610.5 JAR HOUR 45.5 METAL ON DITCH MAGNETS 10.2 OZ. PIT DRILL 4 MINUTES 20 SEC.													
NO. OF DAYS FROM SPUD			185														
CUMULATIVE ROTATING HOURS																	
DAILY MUD COST			135946.20														
TOTAL MUD COST			5135250.03			SWIVEL PACKING HOURS			629.50	JAR HOURS			34	DRILLER			Bass, Terry

FIELD OR DISTRICT MISSISSIPPI		COUNTY OFFSHORE			STATE/COUNTRY Louisiana / United States			WIRE LINE RECORD			REEL NO 5	
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE		NO. JOINTS	LENGTH	RK3. TO CSG. HD.	SET AT	SIZE	NO. LINES	LENGTH SLIPPED	
	9.625		62.60	HQC-125	2408/58		14769	17188	2	14	100	
	11.875		71.60	IICQ-125	2287/52		12017	15103	LENGTH CUT OFF 200.00 PRESENT LENGTH 1280			
	13.625		88'	Q-125	1969/45		11153	13146	WEAR OR TRIPS SINCE LAST CUT 1134.00			
CUMULATIVE WEAR OR TRIPS 283890.00												

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER	S.P.M.	LINER	S.P.M.	LINER	S.P.M.	LINER	S.P.M.	
17831.00	18234.00	R		SAND-SHALE	25/	0	1958/0	6	0	6	0	6	57	6	0	300 GPM
18260.00	18330.00	D		SAND-SHALE	100/	4/8K	2090/609	6	0	6	0	6	56	6	60	320 GPM/300G
0.00	0.00				/		/									/

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.
00:00	02:30	2H30M	3	(M) (On) CONTINUE TO WASH AND REAM WITH 8 1/2" DRILLING ASSEMBLY FROM 17.831' TO 18,234' @ 18,193 FLOW RATE DROPS FROM 39% TO 29%. PUMP PRESSURE REDUCED FROM 2,049 PSI TO 1,924 PSI. ECD DROP FROM 14.5 TO 14.4. DRILLING PARAMETERS ARE AS FOLLOWS: WOB: 9.6, RPM: 25, TORQUE: 5.6 K, P/U: 689 K, S/O: 658, ECD: 14.48, M.W. 14.0 PPG, PUMP PRESSURE: 1968 PSI, SPM: 57, GPM: 300, PUMP # 3 @ 57 SPM. MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES.												
02:30	03:30	1H0M	5	(M) (On) WELL ON TRIP TANK @ 18,193' AND MONITOR 3.5 BBLs TO 2.4 BBLs PER HOUR TO 1 BBLs PER HOUR. MONITOR WELL ON TRIP TANK FOR GAINS AND LOSSES.												
03:30	06:30	3H0M	5	(M) (On) PUMP 172 BBLs OF 84 LBS. 14.0 PPG LCM PILL @ 18,193' AND SPOT. MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES.												
06:30	07:00	0H30M	3	(M) (On) CONTINUE TO WASH AND LOG WITH SPERRY-SUN WITH MWD AND 8 1/2" DRILLING ASSEMBLY FROM 18,234' TO 18,260' MONITOR WELL ON ACTIVE SYSTEM FOR GAINS AND LOSSES.												
07:00	08:30	1H30M	5	(M) (On) CIRCULATE AND CONDITION MUD @ 18,260' SCR TAKEN @ 18,260' MAX GAS 479 UNITS. MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES.												
08:30	12:00	3H30M	2	(M) (On) DRILL WITH 8 1/2" DRILLING ASSEMBLY FROM 18,260' TO 18,330' DRILLING PARAMETER ARE AS FOLLOWS: WOB: 4/8 K, PUMP PRESSURE: 2,090 PSI, ROP: 25', TOR: 10' 12 K, P/U: 708 K, S/O: 677 K, ROT: 687 K, OB TOR: 5 7 K, PUMP # 3 ON HOLE @ 56 SPM (300 GPM), PUMP # 4 ON BOOST @ 60 SPM (320 GPM); MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES.												

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DEPTH	MW	SFR	MP1 DP	MP2 DP	MP3 DP	MP4 DP	CHOKE	KILL	BOTH	CLFL	P/U Wt: 708	OnBtm Trq: 57K	Since TVD: 17157
18260	14.0	20		340	400						S/O Wt: 670	OffBtm Trq: 56K	Since Pres.: 1500
		30		600	670						Rot Wt: 677	Max Trq: 9.1 K	Test MW: 14.3
		40		1000	1060						BHA Wt: 62,000 Wt Blw Jars: 31,000	Equip MW: 15.96	

DEPTH INTERVAL		DRILL. D REAM. R CORE. C	CORE NO.	FORMATION (SHOW CORE RECOVERY)	ROTARY TABLE SPEED	WT. ON BIT	PUMP PRESSURE	PUMP NO. 1		PUMP NO. 2		PUMP NO. 3		PUMP NO. 4		TOTAL PUMP OUTPUT
FROM	TO							LINER	S.P.M.	LINER	S.P.M.	LINER	S.P.M.	LINER	S.P.M.	
18330.00	18360.00				100/100	5 / 15	1975/700	6	0	6	0	6	57	6	60	320 GPM/300 G
0.00	0.00				/		/									/
0.00	0.00				/		/									/

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP
		18348	0.38	38.20	18337.04										

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS												
FROM	TO			DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.	TVD	HORIZ DISP	DEPTH	DEV.	DIR.
12:00	12:30	0H30M	2	(M) (On) DRILL FROM 18,330' - 18,360' PUMP #3 DOWN HOLE AT 57 STROKES A MINUTE 300 GPM 1975 PSI. PUMP #4 ON RISER 80 STROKES A MINUTE 320 GPM. 700 PSI. PICK UP 708. SLACK OFF 677. DRILLING TORQUE 9-12 K												
12:30	19:00	6H30M	5	(M) (On) CIRCULATE HOLE CLEAN AT 18,330' @ 300 GPM ON HOLE AND 320 GPM ON BOOST. TESTING CHOKE MANIFOLD TO 250 LO 6500 HIGH AND 5000 PSI ON BUFFER VALVES. 5 MIN. EACH TEST. PUMP UP STATIC DENSITY OF 14.22 PPG.												
19:00	21:30	2H30M	6	(M) (On) PUMPING OUT OF HOLE FROM 18,360' - 17,144' AT 300 GPM. TIGHT SPOT'S 18,195' 5 K OVER PULL 18,137' 10 K OVER PULL 18,132' 5 K OVER PULL.												
21:30	22:00	0H30M	6	(M) (On) FLOW CHECK MONITOR WELL ON TRIP TANK.												
22:00	23:00	1H0M	15	(M) (On) PICK UP TEST KELLY LOCATE ANNULAR RIG UP CHICKSANS LINE'S RIG UP TEST STUMPS. BREAK CIRCULATION. TEST LINE'S TO 7,500 PSI.												
23:00	00:00	1H0M	15	(M) (On) TEST BOP ON 6 5/8" DRILL PIPE AS PER MMS AND BP REQUIREMENTS. TEST PERFORMED FROM DRILLERS PANEL ON BLUE POD. 250 PSI LOW 3,500 PSI HIGH. 5 MIN EACH TEST. TEST LOWER ANNULAR AND ASSOCIATED VALVES.												

DEPTH	MW	SFR	MP1 DP	MP2 DP	MP3 DP	MP4 DP	CHOKE	KILL	BOTH	CLFL	P/U Wt: 708	OnBtm Trq: 9,000	Since TVD: 17157
											S/O Wt: 677	OffBtm Trq: 5,000	Since Pres.: 1500
											Rot Wt: 669	Max Trq: 14,000	Test MW: 14.3
											BHA Wt: 62,000 Wt Blw Jars: 31,000	Equip MW: 15.96	

