

LEASE <b>OCSGG32306</b>	MC 252 #1 ST00 BP01	API WELL NUMBER 608174116901	WATER DEPTH 4992	DATE 03 Apr 2010
OPERATOR <b>BP Exploration</b>		CONTRACTOR <b>Transocean</b>	RIG NO <b>DeepWater Horizon</b>	
SIGNATURE OF OPERATOR'S REPRESENTATIVE		SIGNATURE OF CONTRACTOR'S TOOLPUSHER		

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		1	Bit	1.530	8	8 1/2			1000			
2. Drill Actual	10.0	2.5	1	GEO PILOT	20.170	SIZE	8 1/2			WEIGHT	14.5		
3. Reaming	1.0	3.0	1	FLEX JOINT	9.030	IADC CODE				PRESSURE GRADIENT	.754		
4. Coring	0.0		1	IB STAB	2.210	MANUFACTURER	HUGHES			FUNNEL VISCOSITY	101		
5. Condition Mud & Circulate	0.0		1	RLL-M5	23.490	TYPE	HC408XC			PV / YP	29 / 15 / /		
6. Trips	0.0		1	IB STAB	2.040	SERIAL NO.	7118066			GEL STRENGTH	12 / 12 / /		
7. Lubricate Rig	0.0		1	BATSONIC	20.230	JETS	4 x 12			FLUID LOSS	1.8		
8. Repair Rig	0.0		1	GEO-TAP	27.750	TFA	.442			pH			
9. Cut Off Drilling Line	0.0		1	PULSE	10.810	DEPTH OUT				SOLIDS	28.07		
10. Deviation Survey	0.0		1	Cross Over	4.890	DEPTH IN							
11. Wire Line Logs	0.0		1	DC-Spiral	31.070	TOTAL DRILLED	0.00						
12. Run Casing & Cement	0.0		1	IB STAB	5.550	TOTAL HOURS	0.00						
13. Wait On Cement	0.0		5	DC-Spiral	155.130	CUTTING STRUCTURE				MUD & CHEMICALS ADDED			
14. Nipple Up B.O.P.	0.0		1	Cross Over	4.650	INNER	OUTER	DULL CHAR.	LOCATION	TYPE	AMOUNT	TYPE	AMOUNT
15. Test B.O.P.	0.0	0.5	1	HW Drill Pipe	277.050	JARS	31.870						
16. Drill Stem Test	0.0		1	HW Drill Pipe	584.830	BEARINGS /SEALS	GAGE	OTHER DULL CHAR	REASON PULLED				
17. Plug Back	0.0		120	STANDS D.P.	16537.510	0	KELLY DOWN 19.340						
18. Squeeze Cement	0.0		0	SINGLES D.P.	45.120	0	TOTAL 17835.700						
19. Fishing	0.0		WT. OF STRING 690000.00										
20. Dr. Work	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 540.5 JAR HOUR 14. METAL ON DITCH MAGNETS 6.8 OZS. ROV INSPECTED MARINE RISER AND SUB-SEA BOP'S.										
21.	0.0		SWIVEL PACKING HOURS 537.00 JAR HOURS 15 DRILLER Revette, Dewey										
22.	0.0		PROOF COPY										
23.	0.0		PROOF COPY										

COMPLETION			DRILLING ASSEMBLY			BIT RECORD				MUD RECORD			
CODE NO. - OPERATION	NIGHT	DAY	NO.	ITEM	LENGTH	BIT NO.				TIME			
A. Perforating			1	Bit	1.530	8	8 1/2			2200			
B. Tubing Trips			1	GEO PILOT	20.170	SIZE	8 1/2			WEIGHT	14.3		
C. Treating			1	FLEX JOINT	9.030	IADC CODE				PRESSURE GRADIENT	.7436		
D. Swabbing			1	IB STAB	2.210	MANUFACTURER	HUGHES			FUNNEL VISCOSITY	103		
E. Testing			1	RLL-M5	23.490	TYPE	HC408XC			PV / YP	29 / 15 / /		
F.			1	IB STAB	2.040	SERIAL NO.	7118066			GEL STRENGTH	14 / 14 / /		
G.			1	BATSONIC	20.230	JETS	4 x 12			FLUID LOSS	1.8		
H.			1	GEO-TAP	27.750	TFA	.442			pH			
TOTALS	12.0	12.3	1	PULSE	10.810	DEPTH OUT				SOLIDS	28.01		
DAYWORK TIME SUMMARY (OFFICE USE ONLY)			1	Cross Over	4.890	DEPTH IN							
Hours w/ Contr. D.P.			1	DC-Spiral	31.070	TOTAL DRILLED	0.00						
Hours w/ Opr. D.P.			1	IB STAB	5.550	TOTAL HOURS	0.00						
Hours Without D.P.			5	DC-Spiral	155.130	CUTTING STRUCTURE				MUD & CHEMICALS ADDED			
Hours Standby			1	Cross Over	4.650	INNER	OUTER	DULL CHAR.	LOCATION	TYPE	AMOUNT	TYPE	AMOUNT
			1	HW Drill Pipe	277.050	JARS	31.870						
			1	HW Drill Pipe	584.830	BEARINGS /SEALS	GAGE	OTHER DULL CHAR	REASON PULLED				
			122	STANDS D.P.	16675.650	0	KELLY DOWN 0.000						
			0	SINGLES D.P.	0.000	0	TOTAL 17909.380						
			0	KELLY DOWN	0.000	WT. OF STRING 690000.00							
			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 551 JAR HOUR 16. METAL ON DITCH MAGNETS 16.3 OZS.										
TOTAL DAYWORK	0	0	SWIVEL PACKING HOURS 547.50 JAR HOURS 16 DRILLER Bass, Terry										
NO. OF DAYS FROM SPUD	179												
CUMULATIVE ROTATING HOURS													
DAILY MUD COST	91960.56												
TOTAL MUD COST	4428515.48												

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	HCCQ-125	2408/58		14769	17188	2	14	LENGTH CUT OFF 0.00	
	11.875		71.60	IICQ-125	2287/52		12017	15103			PRESENT LENGTH 1380	
	13.625		88'	Q-125	1969/45		11153	13146			WEAR OR TRIPS SINCE LAST CUT 11978.00	
											CUMULATIVE WEAR OR TRIPS 281400.00	

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.	
17634.00	17761.00	D		SAND-SHALE	120/120	11/12 K	3,950/844	6	0	6	47	6	0	6	70	370GPM/500G
17761.00	17835.00	D		SAND-SHALE	120/120	11/12K	3,990/0	6	0	6	75	6	0	6	0	0 GPM/400 GP
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															
00:00	01:30	1H30M	2	(M) (On) CONTINUE DRILLING WITH 8 1/2" X 9 7/8" DRILLING ASSEMBLY FROM 17,634' TO 17,761'. DRILLING PARAMETER ARE AS FOLLOWS: WOB: 6/15 K, PUMP PRESSURE: 4,000 PSI, RPM: 120, ROP: 60'-80', P/U: 690 K, S/O: 660 K, ROT: 665 K, OB-TORQUE: 4/5 K, PUMP #2 AND #3 ON HOLE @ 47 SPM ( 500 GPM ) PUMP #4 ON BOOST @ 70 SPM, ( 370 GPM ) MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES. NOTED 134 BBL LOSS.												
01:30	02:00	0H30M	2	(M) (On) FLOW CHECK WELL UNABLE TO OBTAIN A NO FLOW. SHUT WELL IN @ 01:52, ON LOWER ANNULAR.												
02:00	08:30	6H30M	2	(M) (On) WELL SHUT IN AND MONITOR PSI OF 110, WORK PIPE @ 02:47 HOURS PIPE FREE. BLEED PSI OFF TO MINI-TRIP TANK @ 02:55 HOURS AND MONITOR FLOW BACK @ 18 BBL PER HOUR. CLOSED BACK IN @ 3 BBL BLEED BACK AND MONITOR PSI OF 120 AFTER 7.5 MINUTES. BLEED PSI OFF @ 03:16 HOURS AND MONITOR FLOW BACK @ 24 BBL PER HOUR. SHUT BACK IN @ 03:24 HOURS AND MONITOR PSI OF 140 AFTER 22 MINUTES, OPEN CHOKE @ 03:47 HOURS BLEED PSI TO 0 PSI AND MONITOR FLOW BACK @ 24 BBL PER HOUR SHUT BACK IN @ 03:54 HOURS. MONITOR PSI OF 130 AFTER 8 MINUTES PSI DECREASED TO 120 PSI. AFTER 15 MINUTES, WORK PIPE @ 04:16 HOURS. ( PIPE FREE ). BLEED PSI TO 0 PSI MONITOR FLOW BACK @ 24 BBL PER HOUR. SHUT IN @ 04:28 HOURS AND MONITOR PSI OF 120 AFTER 6 MINUTES, OPEN @ 04:52 HOURS, BLEED TO 0 PSI FLOW BACK @ 18 BBL PER HOUR. SHUT IN @ 05:10 HOURS, MONITOR PSI OF 100 AFTER 6 MINUTES. OPEN CHOKE @ 05:30 HOURS BLEED PSI TO 0 PSI AND FLOW BACK @ 12 BBL PER HOUR, WORK PIPE @ 05:36 ( PIPE FREE ). WORKED PIPE @ 0600 HOURS ( PIPE FREE ), @ 06:15 HOURS ( PIPE FREE ) SHUT IN @ 06:25 HOURS MONITOR PSI OF 80 AFTER 20 MINUTES, @ 06:42 HOURS BLEED OFF. @ 06:47 HOURS WORK PIPE ( PIPE FREE ), @ 07:41 HOURS WORK PIPE ( PIPE FREE ) OPEN LOWER ANNULAR @ 08:23 HOURS. MONITOR WELL ON TRIP TANK. TOTAL BBL BLEED BACK: 34.8 BBL. TOTAL BBL LOST 24 HOURS 233 BBL.												
08:30	09:30	1H0M	5	(M) (On) PUMP 184 BBL, 84 POUNDS PER BBL, LCM PILL SPOT @ 17,761'. MONITOR ACTIVE SYSTEM FOR GAINS AND LOSSES.												
09:30	11:00	1H30M	2	(M) (On) CONTINUE TO DRILL WITH 8 1/2" X 9 7/8" DRILLING ASSEMBLY FROM 17,761' TO 17,835'. DRILLING PARAMETERS ARE AS FOLLOWS: WOB: 11/12 K, PUMP PRESSURE: 3,990 PSI, RPM: 120, ROP: 70', P/U: 690 K, S/O: 660 K, ROT: 665 K, OB-TORQUE: 5/6 K, PUMP #2 @ 75 SPM ( 400 GPM ) MONITOR WELL ON ACTIVE SYSTEM FOR GAINS AND LOSSES												
11:00	12:00	1H0M	3	(M) (On) WASH AND BACK REAM WITH 8 1/2" X 9 7/8" DRILLING ASSEMBLY FROM 17,835' TO 17,765'. LOG UP WITH SPERRY-SUN												
DEPTH				P/U Wt: 690K OnBtm Trq: 10/11K Since TVD: 17.15 S/O Wt: 660K OffBtm Trq: 6K Since Pres.: 1500 Rot Wt: 665K Max Trq: 11K Test MW: 14.3 BHA Wt: 65K Wt Blw Jars: 32K Equiv 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.	
17745.00	17835.00				0/0	0	2900/0	6	0	6	0	6	75	6	0	/400
17835.00	17909.00	D		SAND - SHALE	115/115	15	3150/0	6	0	6	0	6	75	6	0	/400
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															
12:00	13:30	1H30M	3	(M) (On) WASH DOWN FROM 17,745' TO 17,835' TAKE GEO-TAP AT BIT DEPTH 17,807' PROB DEPTH 17,723' = 14.15, BIT DEPTH 17,807' PROB DEPTH 17,722' = TIGHT, BIT DEPTH 17,809' PROB DEPTH = 14.16, BIT DEPTH 17,808.5' PROB DEPTH 17,723.5' = 14.14 MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.												
13:30	16:30	3H0M	5	(M) (On) CIRCULATE BOTTOMS UP AND CUT MUD # FROM 14.5 PPG TO 14.3 PPG MUD # AT 17,835'. PUMP 178 BBL LCM PILL. 13.50 HOURS 14.3 PPG GOING IN HOLE.												
16:30	17:00	0H30M	3	(M) (On) PUMP OUT OF HOLE FROM 17,835' TO 17,634' MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.												
17:00	20:00	3H0M	5	(M) (On) CONTINUE TO CIRCULATE BOTTOMS UP TO CUT MUD # FROM 14.5 PPG TO 14.3 PPG MUD # MAX GAS 309 UNITS NO CUT MUD. MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.												
20:00	21:00	1H0M	2	(M) (On) FLOW CHECK AT 17,634'. FLOWED BACK 16 BBL. IN 60 MIN. WELL STATIC.												
21:00	21:30	0H30M	15	(M) (On) FUNCTION TEST BOP'S FROM TOOL PUSHER'S CONTROL PANEL FROM YELLOW POD. FUNCTION DIVERTER AT 21:30 HRS FROM TOOL PUSHER'S CONTROL PANEL ON YELLOW POD.												
21:30	22:30	1H0M	3	(M) (On) TAKE SCR'S AND WASH DOWN FROM 17,634' TO 17,835'. PUMP 100 BBL LCM PILL. MONITOR ACTIVE FOR GAINS OR LOSSES.												
22:30	00:00	1H30M	2	(M) (On) DRILL AHEAD FROM 17,835' TO 17,909'. DRILLING PARAMETERS: PICK UP 690K, SLACK OFF 655K, ROT# 680K, RPM 115, ROP 60'-80', WOB 10 - 15, MUD PUMP #3 ON HOLE AT 75 SPM AT 400 GPM AT 3150 PSI. MUD LOSS 0 BBL												

DEPTH	MW	SPR	MP1 DP	MP2 DP	MP3 DP	MP4 DP	CHOK	KILL	BOTH	CLFL	P/U Wt: 690	OnBtm Trq: 15000	Since TVD: 17.15
17676	14.3	20		590	360						S/O Wt: 665	OffBtm Trq: 5000	Since Pres.: 1500
		30		610	590						Rot Wt: 660	Max Trq: 20000	Test MW: 14.3
		40		900	890						BHA Wt: 65K	Wt Blw Jars: 32K	Equiv MW: 15.96





