

DAILY DRILLING REPORT

REPORT NO. 13

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LEASE OCSSG32306		WELL NO. MC 252		API WELL NUMBER 608174116900		WATER DEPTH 4992.00		DATE 12-Feb-2010	
OPERATOR BP Exploration				CONTRACTOR Transocean				RIG NO. Deepwater Horizon	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>M. R. Spubedo</i>				SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>James [Signature]</i>					
D.P. SIZE	WEIGHT	GRADE	TOOL JT O.D.	TYPE THREAD	STRING NO.	PUMP NO.	PUMP MANUFACTURER	TYPE	STROKE LENGTH
6.625	32.00	S 135	8.250	6 5/8" FH	1	1	Continental Emsco	Triplex	15.000
6.625	40.00	S 135	8.250	6 5/8" FH	2	2	Continental Emsco	Triplex	15.000
6.625	40.00	V 150	8.500	6 5/8" FH	3	3	Continental Emsco	Triplex	15.000
						4	Continental Emsco	Triplex	15.000

TIME DISTRIBUTION - HOURS			DRILLING ASSEMBLY			BIT RECORD				MUD RECORD							
CODE NO	OPERATION	NIGHT	DAY	No	ITEM	LENGTH	BIT NO.	SIZE	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY	PV/YVP	GEL STRENGTH	FLUID LOSS	pH	SOLIDS
1.	RIG UP AND TEAR DOWN	0.50	1.00	1	BIT	16.500 OD	2.78										
				1	GP	10.000 OD	19.03		16.500								
2.	DRILL ACTUAL	0.50		1	IBS	8.000 OD	2.68	IADC CODE									
				1	FLEX	8.000 OD	9.08	MANUFACTURER	HUGHES								
3.	REAMING	4.50		1	NMXO	9.500 OD	2.06	TYPE	HC507Z								
				1	RLL-	9.500 OD	25.42	SERIAL NO.	7010831								
4.	CORING			1	IBS	9.500 OD	3.60	JETS	7*14								
				1	PSE	9.500 OD	11.91	TFA	1.0523								
5.	CONDITION MUD & CIRCULATE	3.50	1.50	1	F/S	9.500 OD	7.97	DEPTH OUT									
				1	IBS	9.500 OD	5.43	DEPTH IN	9076.00								
6.	TRIPS	0.50	7.00	1	RMR	16.500 OD	10.83	TOTAL DRILLED	10.00	MUD & CHEMICALS ADDED							
				1	SPDC	9.500 OD	30.98	TOTAL HOURS	0.50	TYPE	AMOUNT	TYPE	AMOUNT				
7.	LUBRICATE RIG			1	IBS	9.812 OD	7.83	INNER		SAFE-	9060.00	SYNTHETI	4956.00 Gal				
				2	SPDC	9.500 OD	61.73	OUTER		SUREWET	550.00 Gal	G-SEAL	217.00 Sack				
8.	REPAIR RIG			1	BS	16.000 OD	6.43	DULL CHAR		LIME	157.00 Sac	CACL2	60.00 Sack				
				1	SS	13.750 OD	5.17	LOCATION		M-I BAR	48.00 Sack						
9.	CUT OFF DRILLING LINE			1	XO	9.565 OD	4.35	REASON PULLED									
				1	PCOL	8.000 OD	9.48										
10.	DEVIATION SURVEY			Stand OP			7706.22										
11.	WIRE LINE LOGS			SINGLES_D.P.													
12.	RUN CASING & CEMENT			KELLY DOWN			1.00										
13.	WAIT ON CEMENT			TOTAL			8956.00										
14.	NIPPLE UP B.O.P.			WT. OF STRING			426.00										
15.	TEST B.O.P.		1.50	REMARKS													
16.	DRILL STEM TEST	2.50	1.00	Verify Crown Saver Op., SCR Recorded. MP1 20 30 40 : 8946ft MP2 20 30 40 : 8946ft 160 200 250 : 10.60ppg 150 190 240 : 10.60ppg NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TESTED DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. SWIVEL PACKING 23. 5 HOURS. JAR HOURS 16. METAL ON DITCH MAGNETS=14.2 OZ. VERIFY CROWN AND FLOOR SAVER.													
17.	PLUG BACK			DRILLER: Bass, Terry R <i>Terry Bass</i>													
18.	SQUEEZE CEMENT																
19.	FISHING																
20.	DIR. WORK																
21.	Other																
22.	Cleaning Rig Floor																
23.	Perform brake test																

COMPLETION			DRILLING ASSEMBLY			BIT RECORD				MUD RECORD							
			No	ITEM	LENGTH	BIT NO.	SIZE	TIME	21:00	WEIGHT	10.60	PRESSURE GRADIENT	0.65				
A.	PERFORATING		1	BIT	16.500 OD	2.78											
			1	GP	10.000 OD	19.03		16.500									
B.	TUBING TRIPS		1	IBS	8.000 OD	2.68	IADC CODE										
			1	FLEX	8.000 OD	9.08	MANUFACTURER	HUGHES									
C.	TREATING		1	NMXO	9.500 OD	2.06	TYPE	HC507Z									
			1	RLL-	9.500 OD	25.42	SERIAL NO.	7010831									
D.	SWABBING		1	IBS	9.500 OD	3.60	JETS	7*14									
			1	PSE	9.500 OD	11.91	TFA	1.0523									
E.	TESTING		1	F/S	9.500 OD	7.97	DEPTH OUT										
			1	IBS	9.500 OD	5.43	DEPTH IN	9076.00									
F.	Planned Maint/SPS		1	RMR	16.500 OD	10.83	TOTAL DRILLED	10.00	MUD & CHEMICALS ADDED								
			1	SPDC	9.500 OD	30.98	TOTAL HOURS	0.50	TYPE	AMOUNT	TYPE	AMOUNT					
G.	Rig Specific		1	IBS	9.812 OD	7.83	INNER										
			2	SPDC	9.500 OD	61.73	OUTER										
H.	Rig Specific		1	BS	16.000 OD	6.43	DULL CHAR										
			1	SS	13.750 OD	5.17	LOCATION										
TOTALS		12.00	12.00	1	XO	9.565 OD	4.35	REASON PULLED									
				1	PCOL	8.000 OD	9.48										
DAY WORK TIME SUMMARY (OFFICE USE ONLY)			Stand OP			962.22											
HOURS W/ CONTR. D.P.			5.00	SINGLES_DP													
HOURS W/ OPR. D.P.			0.00	KELLY DOWN			1.00										
HOURS WITHOUT D.P.			7.00	TOTAL			2212.00										
HOURS STANDBY				TOTAL			426.00										
TOTAL DAYWORK			12.00	REMARKS													
NO. OF DAYS FROM SPUD			12	Verify Crown Saver Op., NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TESTED DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. SWIVEL PACKING 17 HOURS. JAR HOURS 10. METAL ON DITCH MAGNETS=0 OZ. CIRCULATING PRESSURE 3040 PSI. VERIFIED BOTH CROWN AND FLOOR SAVERS.													
DAILY MUD COST			70146.31	DRILLER: Latiola, Dwayne J <i>Dwayne J. Latiola</i>													
TOTAL MUD COST			183466.00														



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FIELD OR DISTRICT MISSISSIPPI CANYON		COUNTY Offshore			STATE/COUNTRY United States			WIRE LINE RECORD REEL NO. 5			
LAST CASING TUBING OR LINER	SIZE	MAKE	WEIGHT & GRADE		NO. JOINTS	LENGTH	RKB TO CSG. HD.	SET AT	SIZE 2.000	NO. LINES 14	LENGTH SLIPPED 0.00
	28.000	X-52	218.27	X52	27	1150.00	5060.00	6231.00	LENGTH CUT OFF 0.00		PRESENT LENGTH 1660.00
	22.000	X-80	277.00	X80	68	2871.00	5054.00	7952.00	WEAR OR TRIPS SINCE LAST CUT 10192.00		
	18.000	P110	116.00	P-110	35	1480.00	7503.00	8983.00	CUMULATIVE WEAR OR TRIPS 258892.00		

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
							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
FROM 9076.00 TO 9086.00		D		40.00	10.00	3040.00									24.00

DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP
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TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
00:00	01:00	1.00	3	DRILLING CASING CEMENT FROM 8,930' TO 8,946'. MONITOR ACTIVE FOR GAINS OR LOSSES. PARAMETERS AS FOLLOWS: PICKUP=432K, SLACK OFF 422K, ROTATING=426K, WOB=10K, ROT= 30-40 RPM, TORQUE=10-14K, PUMP PRESSURE 3,040 PSI WITH MUD PUMP #1, #2 AND #3 ON HOLE AT 63 SPM EACH AT 1000 GPM, MUD PUMP #4 ON BOOST AT 70 SPM AT 370 GPM
01:00	03:00	2.00	5	TOOK SCR'S AND CHOKE LINE FRICTION'S AND PREFORMED D-5 WELL CONTROL DRILL AT 8,946'
03:00	04:30	1.50	3	DRILLING CASING CEMENT FROM 8,946' TO 8,972'. MONITOR ACTIVE FOR GAINS OR LOSSES. PARAMETERS AS FOLLOWS: PICKUP=432K, SLACK OFF 422K, ROTATING=426K, WOB=10K, ROT= 30-40 RPM, TORQUE=10-14K, PUMP PRESSURE 3,040 PSI WITH MUD PUMP #1, #2 AND #3 ON HOLE AT 63 SPM EACH AT 1000 GPM, MUD PUMP #4 ON BOOST AT 70 SPM AT 370 GPM
04:30	05:00	0.50	3	DRILL OUT 18" CASING SHOE FROM 8,972' TO 8,975'. MONITOR ACTIVE FOR GAINS OR LOSSES. PARAMETERS AS FOLLOWS: PICKUP=432K, SLACK OFF 422K, ROTATING=426K, WOB=10K, ROT= 20-30 RPM, TORQUE=14-21K, PUMP PRESSURE 3,040 PSI WITH MUD PUMP #1, #2 AND #3 ON HOLE AT 63 SPM EACH AT 1000 GPM, MUD PUMP #4 ON BOOST AT 70 SPM AT 370 GPM
05:00	06:30	1.50	3	DRILLING CEMENT FROM 8,975' TO 9,076'. MONITOR ACTIVE FOR GAINS OR LOSSES. PARAMETERS AS FOLLOWS: PICKUP=432K, SLACK OFF 422K, ROTATING=426K, WOB=10K, ROT= 30-40 RPM, TORQUE=10-14K, PUMP PRESSURE 3,040 PSI WITH MUD PUMP #1, #2 AND #3 ON HOLE AT 63 SPM EACH AT 1000 GPM, MUD PUMP #4 ON BOOST AT 70 SPM AT 370 GPM.

DEPTH	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
							LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	LINER SIZE	S.P.M.	
FROM	TO														

DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP
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TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
12:00	12:30	0.50	5	CONTINUE TO CIRCULATE BOTTOMS UP TO THE WELLHEAD. MONITOR ACTIVE FOR GAINS OR LOSSES.
12:30	13:00	0.50	1	PICKUP TEST KELLY. PUMP UP STATIC DENSITY 10.79. LOCATE ON UPPER ANNULAR. RIG UP CHICKSAN LINES. MONITOR WELL ON TRIP TANK.
13:00	14:00	1.00	16	HALIBURTON BROKE CIRCULATION DOWN KILL LINE AND CHICKSAN LINES. TEST LINES TO 1500 PSI. GOOD TEST. CLOSE UPPER PIPE RAMS. ATTEMPT LEAK OFF TEST, HALIBURTON PUMPED 4 BBLS MUD, MAX PRESSURE 352 PSI, ISIP 290 PSI AFTER 10 MINUTES 246 PSI. WHILE PERFORMING LEAK OFF TEST GAINED 1.7 BBLS IN TRIP TANK. OPEN UP PIPE RAMS AND PUMP UP STATIC DENSITY 11.29. MONITOR RISER ON TRIP TANK DURING LEAK OFF TEST.
14:00	14:30	0.50	5	PUMP 70 BBLS OF 12.9 SLUG.
14:30	15:00	0.50	1	RIG DOWN CHICKSANS, LAYDOWN TEST KELLY AND BURY WIPER RUBBER. MONITOR WELL ON TRIP TANK.
15:00	17:00	2.00	6	ATTEMPTED TO PULL OUT OF HOLE, HAD 74K OVERPULL AND WELL WAS SWABBING. PUMP OUT OF HOLE FROM 8956' TO 7991' VISUALLY INSPECTING DRILL PIPE FOR POTENTIAL WASHOUT. MONITOR ACTIVE FOR GAINS OR LOSSES.
17:00	18:30	1.50	6	PULL OUT OF HOLE WET FROM 7991' TO 7073' VISUALLY INSPECTING DRILL PIPE FOR POTENTIAL WASHOUT. MONITOR PIPE DISPLACEMENT ON TRIP TANK.
18:30	20:00	1.50	15	LOCATE ON UPPER ANNULAR. HALIBURTON BROKE CIRCULATION DOWN KILL LINE AND TESTED LINE TO 250 PSI LOW AND 2000 PSI HIGH, GOOD TEST. HALIBURTON BROKE CIRCULATION AGAIN DOWN KILL LINE. CLOSED TEST RAMS AND UPPER ANNULAR. TEST UPPER ANNULAR TO 250 PSI, 500 PSI AND 1000 PSI. STRAIGHT LINE WAS HELD ON EACH TEST.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOLPUSHER

James [Signature]



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NIGHT TOUR (Continued)

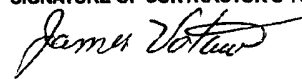
TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
06:30	07:00	0.50	2	DRILL AHEAD FROM 9,076' TO 9,086'. MONITOR ACTIVE FOR GAINS OR LOSSES. PARAMETERS AS FOLLOWS: PICKUP=432K, SLACK OFF 422K, ROTATING=426K ,WOB=10K, ROT= 30-40 RPM, TORQUE=10-14K, PUMP PRESSURE 3,040 PSI WITH MUD PUMP #1,#2 AND#3 ON HOLE AT 63 SFM EACH AT 1000 GPM, MUD PUMP #4 ON BOOST AT 70 SFM AT 370 GPM.
07:00	07:30	0.50	5	CIRCULATE BOTTOMS UP TO WELL HEAD AT 9,086'. MONITOR ACTIVE FOR GAINS OR LOSSES.
07:30	08:00	0.50	6	FLOW CHECK AT 9,086. WELL STATIC. PULL OUT OF HOLE FROM 9,086' TO 8,956'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.
08:00	08:30	0.50	5	PICK UP TEST KELLY , RIG UP CHICKSAN LINES AND PUMPED UP A STATIC DENSITY =10.83 PPG AT 8,956'
08:30	09:00	0.50	16	BROKE CIRCULATION DOWN KILL LINE AND DOWN DRILL PIPE WITH HALLIBURTON AND TESTED LINES TO 1500 PSI. GOOD TEST.
09:00	11:00	2.00	16	MADE 2 ATTEMPTS TO PERFORM LEAK OFF TEST AT 8,956'.LEAK OFF TEST SHUT DOWN DUE TO A GAIN IN TRIP TANK.CHECKED VALVE ALIGNMENT AND REPOSITION PIPE IN ANNULAR. WHILE BREAKING CIRCULATION DOWN DRILL PIPE ON THIRD ATTEMPT NOTICED A PRESSURE INCREASE AFTER 5 BBLs WAS PUMPED AND NO RETURNS DUE TO PACK OFF .
11:00	11:30	0.50	1	RIG DOWN CHICKSAN LINES AND LAY-DOWN TAST KELLY.
11:30	12:00	0.50	5	FREE PACK OFF AND STAGE MUD PUMES UP TO CIRCULATE BOTTOMS UP. MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES. NO LOSSES AT THIS TIME.

DAY TOUR (Continued)

TIME LOG		ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO			
20:00	23:00	3.00	6	PULL OUT OF HOLE WET FROM 7073' TO 3862' VISUALLY INSPECTING DRILL PIPE FOR POTENTIAL WASHOUT. MONITOR PIPE DISPLACEMENT ON TRIP TANK. PULL WEAR SLEEVE, SHEARED WITH 50 K OVERPULL.
23:00	23:30	0.50	5	PUMP 40 BBLs OF 13.0 PPG SLUG.
23:30	24:00	0.50	6	PULL OUT OF HOLE FROM 3862' TO 2212'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOLPUSHER




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