

DAILY DRILLING REPORT

REPORT NO. 17

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OCSGG32306		WELL NO. MC 252		API WELL NUMBER 608174116900		WATER DEPTH 4992.00		DATE 16-Feb-2010	
OPERATOR BP Exploration				CONTRACTOR Transocean				RIG NO. Deepwater Horizon	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>Renee Laporte</i>				SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>James Votaw</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
8.625	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	2nr2	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY
1.	RIG UP AND TEAR DOWN			1	BIT 16.500 OD	2.78							
				1	GP 10.000 OD	19.03		16.500					
2.	DRILL ACTUAL	12.00	12.00	1	IBS 8.000 OD	2.66	IADC CODE						
				1	FLEX 8.000 OD	9.08	MANUFACTURER		HUGHES				
3.	REAMING			1	NMXO 8.000 OD	1.80	TYPE		HC507Z				
				1	IBS 16.375 OD	3.91	SERIAL NO.		7010831				
4.	CORING			1	PSE 9.500 OD	11.88	JETS		7*14				
				1	F/S 9.500 OD	6.71	TFA		1.0523				
5.	CONDITION MUD & CIRCULATE			1	IBS 9.562 OD	5.43	DEPTH OUT						
6.	TRIPS			1	RMR 16.500 OD	10.83	DEPTH IN		9098.00				
				1	SPDC 9.500 OD	30.88	TOTAL DRILLED		1512.00				
7.	LUBRICATE RIG			1	IBS 9.812 OD	7.83	TOTAL HOURS		21.00				
				2	SPDC 9.500 OD	81.73	CUTTING STRUCTURE						
8.	REPAIR RIG			1	BS 16.000 OD	6.43	INNER						
				1	SS 13.750 OD	5.17	OUTER						
9.	CUT OFF DRILLING LINE			1	KO 9.565 OD	4.35	DULL CHAR						
				1	PCOL 8.000 OD	9.48	LOCATION						
10.	DEVIATION SURVEY				Stand	OF	BEARINGS/SEALS						
							GAGE						
11.	WIRE LINE LOGS				SINGLES_DP		OTHER DULL CHAR.						
12.	RUN CASING & CEMENT				KELLY DOWN	1.00	REASON PULLED						
13.	WAIT ON CEMENT				TOTAL	10610.00							
14.	NIPPLE UP B.O.P.												
15.	TEST B.O.P.												
16.	DRILL STEM TEST				WT. OF STRING	458.00							
17.	PLUG BACK				REMARKS								
18.	SQUEEZE CEMENT				Well Ctl Drilling 3.5 Min. Verify Crown Saver Op... SCR Recorded.								
19.	FISHING				MP1  20 30 40 : 10596ft MP2  20 30 40 : 10596ft								
20.	DIR. WORK				250 290 350 :11.10ppg   240 290 350 :11.10ppg								
21.	Other				ROV DOVE TO INSPECT SUB SEA BOP'S AND MARINE RISER. NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TESTED DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. SWIVEL PACKING 61 HOURS. JAR HOURS 37.5. METAL ON DITCH MAGNETS= 17.7 OZ. VERIFY CROWN AND FLOOR SAVER.								
22.	Cleaning Rig Floor				DRILLER: Bass, Terry R <i>Terry Bass</i>								
23.	Perform brake test												

COMPLETION				DRILLING ASSEMBLY			BIT RECORD			MUD RECORD			
Code	Operation	NIGHT	DAY	No	ITEM	LENGTH	BIT NO.	SIZE	2nr2	TIME	WEIGHT	PRESSURE GRADIENT	FUNNEL VISCOSITY
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	2.66	IADC CODE						
				1	FLEX 8.000 OD	9.08	MANUFACTURER		HUGHES				
C.	TREATING			1	NMXO 8.000 OD	1.80	TYPE		HC507Z				
				1	IBS 16.375 OD	3.91	SERIAL NO.		7010831				
D.	SWABBING			1	PSE 9.500 OD	11.88	JETS		7*14				
				1	F/S 9.500 OD	6.71	TFA		1.0523				
E.	TESTING			1	IBS 9.562 OD	5.43	DEPTH OUT						
				1	RMR 16.500 OD	10.83	DEPTH IN		9098.00				
F.	Planned Maint./SPS			1	SPDC 9.500 OD	30.88	TOTAL DRILLED		2507.00				
G.	Rig Specific			1	IBS 9.812 OD	7.83	TOTAL HOURS		33.00				
				2	SPDC 9.500 OD	81.73	CUTTING STRUCTURE						
H.	Rig Specific			1	BS 16.000 OD	6.43	INNER						
				1	SS 13.750 OD	5.17	OUTER						
TOTALS		12.00	12.00	1	KO 9.565 OD	4.35	DULL CHAR						
				1	PCOL 8.000 OD	9.48	LOCATION						
DAY WORK TIME SUMMARY (OFFICE USE ONLY)					Stand	OF	BEARINGS/SEALS						
HOURS W/ CONTR. D.P.		12.00	12.00		SINGLES_DP		GAGE						
HOURS W/ OPR. D.P.		0.00	0.00		KELLY DOWN	1.00	OTHER DULL CHAR.						
HOURS WITHOUT D.P.		0.00	0.00		TOTAL	11605.00	REASON PULLED						
HOURS STANDBY					WT. OF STRING	487.00							
TOTAL DAY WORK					REMARKS								
					Verify Crown Saver Op... SCR Recorded.								
NO. OF DAYS FROM SPUD					MP1  20 30 40 : 11559ft MP3  20 30 40 : 11559ft								
					270 310 370 :11.10ppg   270 310 360 :11.10ppg								
CUMULATIVE ROTATING HOURS					VERBAL APPROVAL GRANTED BY TOM MEYER, MMS NEW ORLEANS, TO DRILL WITH UP TO 11.5 PPG TO THE 16" CASING POINT. NO INCIDENTS REPORTED. NO POLLUTION SIGHTED. TESTED DP ALARMS. VISUALLY INSPECTED DIVERTER AND SLIP JOINT. HELD PRE-JOB SAFETY MEETING WITH CREW. SWIVEL PACKING 73 HOURS. JAR HOURS 49.5. METAL ON DITCH MAGNETS= 9.9 OZ. VERIFY CROWN AND FLOOR SAVERS								
DAILY MUD COST					DRILLER: Latiolais, Dwayne J <i>Dwayne J Latiolais</i>								
TOTAL MUD COST					359772.69								



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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	8231.00	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 12477.00		
	18.000	P110	116.00	P-110	35	1480.00	7503.00	8983.00	CUMULATIVE WEAR OR TRIPS 261177.00		

DEPTH INTERVAL FROM TO	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.	
9700.00 10610.00	D			120.00	4.00	3060.00	6.000	63.00	6.000	63.00	6.000	63.00	6.000	63.00	24.04

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP
		10563.00	0.47	210.58	10562.53		10424.00	0.47	182.69	10433.53		10285.00	0.44	184.50	10284.53
	10150.00	0.36	162.34	10149.54		10004.00	0.25	157.87	10003.54		9874.00	0.39	141.03	9873.54	

NIGHT TOUR

TIME LOG	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM TO			
00:00 12:00	12:00	2	DRILL 16 1/2" X 20" HOLE FROM 9,700' TO 10,610'. MONITOR ACTIVE FOR GAINS OR LOSSES. AT 01:17 HRS AT 9,836' PULL OFF BOTTOM AND CIRCULATED WHILE SPERRY SUN REBOOTED ADT, NO DATA WAS LOST. BACK ON BOTTOM AT 01:27 HRS. DRILLING PARAMETERS AS FOLLOWS: RPM= 80-120, WOB= 1-3K, TORQUE= 6-10K, OFF BOTTOM TORQUE= 2-5K, PICKUP= 448K, SLACK OFF= 437K, ROTATING WT.= 440K, DRILLING PRESSURE 3050 PSI WITH MUD PUMPS #1, #2 & #3 AT 63 SPM EACH AT 1000 GPM. MUD PUMP #4 ON BOOST AT 70 SPM (370 GPM). AT 09:30 HRS AT BIT DEPTH OF 10,472' PICKED UP OFF BOTTOM DUE TO SWACO AUGER PACKING OFF BACK TO DRILLING AT 09:44 HRS.

DEPTH INTERVAL FROM TO	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.	
10610.00 11605.00	D			121.00	5.00	3200.00	6.000		6.000		6.000		6.000		24.00

DEVIATION RECORD	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP	DEPTH	DEV.	DIR.	TVD	HORIZ.DISP
		11528.00	0.45	191.93	11527.48		11390.00	0.50	220.53	11389.49		11252.00	0.61	216.24	11251.49
	11114.00	0.67	205.50	11113.50		10977.00	0.56	204.08	10976.51		10639.00	0.47	208.48	10638.52	

DAY TOUR

TIME LOG	ELAPSED TIME	CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM TO			
12:00 24:00	12:00	2	DRILL 16 1/2" X 20" HOLE FROM 10,610' TO 11,605'. MONITOR ACTIVE FOR GAINS OR LOSSES. DRILLING PARAMETERS AS FOLLOWS: RPM= 119-121, WOB= 2-5K, TORQUE= 8-15K, OFF BOTTOM TORQUE= 2-6K, PICKUP= 495K, SLACK OFF= 482K, ROTATING WT.= 487K, DRILLING PRESSURE 3200 PSI WITH MUD PUMPS #1, #2 & #3 AT 63 SPM EACH AT 1000 GPM. MUD PUMP #4 ON BOOST AT 70 SPM (370 GPM).

SIGNATURE OF OPERATOR'S REPRESENTATIVE

*Russ*

SIGNATURE OF CONTRACTOR'S TOOLPUSHER

*James Stewart*



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DRILLING CREW PAYROLL DATA

DATE 16-Feb-2010
WELL NAME & NO. MC 252
COMPANY
TOOLPUSHER Votaw

RIG NO. Deepwater Horizon

Table with columns: CREW, EMPL. ID NO., NAME, HRS, INJURED ON THIS TOUR? (INITIAL, YES OR NO?). Includes a vertical label 'NIGHT TOUR' on the left side. Lists various crew members such as Driller, Asst Driller, Derrickhand, etc., with their respective IDs, names, and hours.

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT 2545

SIGNATURE OF OPERATOR'S REPRESENTATIVE

Handwritten signature of the operator's representative.

SIGNATURE OF CONTRACTOR'S TOOLPUSHER

Handwritten signature of the contractor's toolpusher.



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