

DAILY DRILLING REPORT

REPORT NO. 14

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LEASE OCSGG32306		WELL NO. MC 252		API WELL NUMBER 608174116900		WATER DEPTH 4992.00		DATE 13-Feb-2010	
OPERATOR BP Exploration				CONTRACTOR Transocean				RIG NO. Deepwater Horizon	
SIGNATURE OF OPERATOR'S REPRESENTATIVE <i>M.R. Sepulveda</i>				SIGNATURE OF CONTRACTOR'S TOOL PUSHER <i>James Holman</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.		2r	TIME	09:00			
1.	RIG UP AND TEAR DOWN		1.00	1	BIT	16.500 OD	2.78	SIZE	16.500	16.500	WEIGHT	10.60		
2.	DRILL ACTUAL			1	GP	10.000 OD	19.03	IADC CODE			PRESSURE GRADIENT	0.55		
3.	REAMING			1	IBS	8.000 OD	2.66	MANUFACTURER	HUGHES	HUGHES	FUNNEL VISCOSITY	84.00		
4.	CORING			1	FLEX	8.000 OD	9.98	TYPE	HC507Z	HC507Z	PV/YP	19.00	31.00	
5.	CONDITION MUD & CIRCULATE	3.00	2.00	1	NMXO	9.500 OD	2.06	SERIAL NO.	7010831	7010831	GEL STRENGTH	25.00	32.00	
6.	TRIPS	8.00	5.50	1	RL	9.500 OD	25.42	JETS	7*14	7*14	FLUID LOSS			
7.	LUBRICATE RIG			1	IBS	9.500 OD	3.60	TFA	1.0523	1.0523	pH			
8.	REPAIR RIG			1	PSE	9.500 OD	11.91	DEPTH OUT	9086.00		SOLIDS	14.00		
9.	CUT OFF DRILLING LINE			1	F/S	9.500 OD	7.97	DEPTH IN	9076.00					
10.	DEVIATION SURVEY			1	IBS	9.562 OD	5.43	TOTAL DRILLED	10.00		MUD & CHEMICALS ADDED			
11.	WIRE LINE LOGS			1	RMR	16.500 OD	10.83	TOTAL HOURS	0.50		TYPE	AMOUNT	TYPE	AMOUNT
12.	RUN CASING & CEMENT			1	SPDC	9.500 OD	30.98	INNER			CACL2	6000.00	SAFE-	6000.00 Sack
13.	WAIT ON CEMENT			2	IBS	9.812 OD	7.83	OUTER			LIME	90.00 Sack	G-SEAL	54.00 Sack
14.	NIPPLE UP B.O.P.			1	SPDC	9.500 OD	61.73	DULL CHAR			M-I BAR	5.00 Sack		
15.	TEST B.O.P.			1	BS	16.000 OD	6.43	LOCATION						
16.	DRILL STEM TEST	1.00		1	SS	13.750 OD	5.17	BEARINGS/SEALS						
17.	PLUG BACK			1	KO	9.565 OD	4.35	GAGE						
18.	SQUEEZE CEMENT		2.00	1	PCOL	8.000 OD	9.48	OTHER DULL CHAR						
19.	FISHING							REASON PULLED						
20.	DIR. WORK													
21.	Other		1.00											
22.	Cleaning Rig Floor		0.50											
23.	Perform brake test													
				WT. OF STRING			426.00							
REMARKS														
Well Ctl Tripping 1.3 Min, Verify Crown Saver Op.. ROV DOWE 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 23.5 HOURS. JAR HOURS 16. METAL ON DITCH MAGNETS= 0 OZ. VERIFY CROWN AND FLOOR SAVER.														
DRILLER: Bass, Tony R <i>Tony Bass</i>														

NIGHT TOUR

COMPLETION				DRILLING ASSEMBLY			BIT RECORD			MUD RECORD				
				No	ITEM	LENGTH	BIT NO.		2r	TIME	21:00			
A.	PERFORATING			1	MSS	3.500 OD	15.53	SIZE	16.500	16.500	WEIGHT	10.60		
B.	TUBING TRIPS			1	TRG	3.500 OD	1208.55	IADC CODE			PRESSURE GRADIENT	0.55		
C.	TREATING			1	KO	8.125 OD	1.83	MANUFACTURER		HUGHES	FUNNEL VISCOSITY	86.00		
D.	SWABBING			1	KO	8.500 OD	3.37	TYPE		HC507Z	PV/YP	20.00	29.00	
E.	TESTING							SERIAL NO.		7010831	GEL STRENGTH	25.00	31.00	
F.	Planned Maint./SPS							JETS		7*14	FLUID LOSS			
G.	Rig Specific							TFA		1.0523	pH			
H.	Rig Specific							DEPTH OUT			SOLIDS	14.00		
TOTALS			12.00	12.00				DEPTH IN						
DAY WORK TIME SUMMARY (OFFICE USE ONLY)														
HOURS W/ CONTR. D.P.			0.00	0.00				TOTAL DRILLED			MUD & CHEMICALS ADDED			
HOURS W/ OPR. D.P.			0.00	0.00				TOTAL HOURS			TYPE	AMOUNT	TYPE	AMOUNT
HOURS WITHOUT D.P.			12.00	12.00				INNER						
HOURS STANDBY								OUTER						
								DULL CHAR						
								LOCATION						
								BEARINGS/SEALS						
								GAGE						
								OTHER DULL CHAR						
								REASON PULLED						
TOTAL DAYWORK			12.00	12.00										
REMARKS														
Well Ctl Tripping 4 Min, 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 28.5 HOURS. JAR HOURS 16. VERIFIED CROWN AND FLOOR SAVERS.														
DRILLER: Latiolais, Dwayne J <i>Dwayne J. Latiolais</i>														
NO. OF DAYS FROM SPUD				13										
CUMULATIVE ROTATING HOURS				9.00										
DAILY MUD COST				11936.78										
TOTAL MUD COST				195402.80										

DAY TOUR



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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 11201.00		
	18.000	P110	116.00	P-110	35	1480.00	7503.00	8983.00	CUMULATIVE WEAR OR TRIPS 259901.00		

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	TO															

TIME LOG				CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	ELAPSED TIME			
00:00	00:30	0.50	6	PULL OUT OF HOLE FROM 2,212' TO 1,249'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
00:30	01:00	0.50	6	PULL OUT OF HOLE WITH 6 5/8" HEAVY WEIGHT DRILL PIPE AND 8 1/4" DRILL COLLAR FROM 1,249 TO 225'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
01:00	01:30	0.50	6	PULL BHA OUT OF HOLE FROM 225' TO SURFACE. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
01:30	04:00	2.50	6	RUN IN HOLE WITH DRILLING ASSEMBLY FROM SURFACE TO 1,249'. MONITOR PIPE DISPLACEMENT ON TRIP TANK. FILL UP BHA AT 1,249'.	
04:00	04:30	0.50	6	RUN IN HOLE WITH DRILLING ASSEMBLY FROM 1,249' TO 4,000'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
04:30	05:00	0.50	5	FILL DRILL PIPE AND TEST SPERRY MWD TOOLS AT 4,000'. MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.	
05:00	08:00	3.00	6	RUN IN HOLE WITH DRILLING ASSEMBLY FROM 4,000' TO 8,956'. SET DRILL QUIP WEAR SLEEVE. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
08:00	08:30	0.50	5	FILL DRILL PIPE AND WASH DOWN FROM 8,956' TO 9,086'. MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.	
08:30	10:30	2.00	5	CIRCULATE BOTTOMS UP AT 9,086'. PUMPED UP STATIC DENSITY = 10.84 PPG. AT BIT DEPTH 8,953'. MONITOR ACTIVE SYSTEM FOR GAINS OR LOSSES.	
10:30	11:00	0.50	6	PULL OUT OF HOLE FROM 9,086' TO 8,953'. PICK UP TEST KELLY AND RIG UP CHICKSAN LINES. BROKE CIRCULATION DOWN KILL AND CHICKSAN LINES AND TESTED LINES TO 1,500 PSI. GOOD TEST.	
11:00	12:00	1.00	16	PREFORM LEAK OFF TEST AT 8,953'. HALLIBURTON PUMPED 5 BBLs, MAX PRESSURE 317 PSI. INSTANT SHUT IN PRESSURE 269 PSI, AFTER 10 MIN. PRESSURE 250 PSI., BLEED BACK 3 1/4 BBLs. ATTEMPTED TO PUMP UP STATIC DENSITY, UNSUCCESSFUL.	

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	TO															

TIME LOG				CODE NO.	DETAILS OF OPERATIONS IN SEQUENCE AND REMARKS
FROM	TO	ELAPSED TIME			
12:00	13:30	1.50	5	PUMP OUT OF HOLE DUE TO SWABBING EFFECT FROM 8953' TO 8267'. MONITOR ACTIVE FOR GAINS OR LOSSES.	
13:30	14:00	0.50	6	PULL OUT OF HOLE WET FROM 8267' TO 7439'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
14:00	14:30	0.50	5	PUMP 70 BBLs OF 13.0 PPG SLUG.	
14:30	15:00	0.50	21	FLOW CHECK AT TOP OF LINER. WELL STATIC.	
15:00	17:00	2.00	6	PULL OUT OF HOLE FROM 7439' TO 1241'. MONITOR PIPE DISPLACEMENT ON TRIP TANK. UNSEAT WEAR SLEEVE WITH 50K OVERPULL.	
17:00	18:30	1.50	6	PULL OUT OF HOLE WITH BHA FROM 1241' TO 225'. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
18:30	20:00	1.50	6	LAYDOWN BHA FROM 225' TO SURFACE. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
20:00	20:30	0.50	22	CLEAR AND CLEAN RIG FLOOR. MONITOR WELL ON TRIP TANK.	
20:30	21:00	0.50	21	HOLD PRE-JOB MEETING WITH CREW ON RIGGING UP TUBING EQUIPMENT AND PICKING UP 3 1/2" TUBING FROM RISER SKATE. MONITOR WELL ON TRIP TANK.	
21:00	21:30	0.50	1	RIG UP WEATHERFORD TUBING EQUIPMENT. MONITOR WELL ON TRIP TANK.	
21:30	23:00	1.50	18	PICKUP 3 1/2" TUBING FROM RISER SKATE AND RUN IN HOLE. MONITOR PIPE DISPLACEMENT ON TRIP TANK.	
23:00	23:30	0.50	1	RIG DOWN DRILL FLOOR EQUIPMENT. MONITOR WELL ON TRIP TANK.	
23:30	24:00	0.50	18	RUN IN HOLE FROM 1214' TO 1489'. MONITOR PIPE DISPLACEMENT ON TRIP TANK. CIRCULATE THROUGH TUBING AT 10 BBLs/MIN.	

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOLPUSHER

*James Blake*



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DRILLING CREW PAYROLL DATA

DATE 13-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 'NIGHT TOUR' label on the left side.

NO. OF DAYS SINCE LAST LOST TIME ACCIDENT 2542

SIGNATURE OF OPERATOR'S REPRESENTATIVE

SIGNATURE OF CONTRACTOR'S TOOLPUSHER

James Votaw



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