

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)

14 Feb 2010

Drill Time (HH:MM)

10:30

Document Number

DWH DWH100214SAF1495

Drill Duration (hrs)

00:15

Number Of POB

142

Number Attending

16

Location

Deepwater Horizon (DWH)

Well Name

MC 252 #1 ST00 BP01

Operator

BP Exploration

Lease Number

OCSGG32306

Response Satisfactory

Yes

OIM (Last, First)

Ryan

Master or Barge Supervisor (Last, First)

Kuchta

Drill Type

Well Control Drill

Description Of Drill

WELL CONTROL AUDIT

Comments

14,290 SACKS OF BARITE ON BOARD SUITABLE SAFETY VALVES MADE UP WITH THE APPROPRIATE X-O SUBS TO FIT ALL DRILLPIPE AND CONNECTIONS MUST BE ON THE DRILL FLOOR IN ACCESSIBLE PLACE AND ALWAYS IN THE OPEN POSITION. THE CLOSING/OPENING WRENCH MUST BE READILY AVAILABLE FOR IMMEDIATE USE AND THERE MUST BE CORRECT MEANS OF LIFTING. AND IBOP VAVLE MUST BE KEPT ON THE DRILL FLOOR SHOULD IT BECOME NECESSARY TO STRIP INTO HOLE.

Future Action / Development Required

NONE AT THIS TIME.

**ATTENDANCE****GENERAL COMMENTS**

**Safety Drill Report - Complete**

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**DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
14 Feb 2010	22:00	DWHDWH100214SAF1496
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	142	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan	Kuchta	
Drill Type		
Well Control Drill		

## Description Of Drill

DISCUSS UPCOMING OPERATIONS OF DRILLING OUT CEMENT FOLLOWING SQUEEZE OPERATION. DISCUSSED DRILLING THROUGH HIGH PRESSURE SANDS AND POSSIBILITY OF ENCOUNTERING WELL CONTROL SITUATION ACCORDING TO OFFSET WELL DATA. DISCUSSED THE IMPORTANCE OF MONITORING ALL PIT VOLUMES, PUMP PRESSURES, FLOWBACK DURING CONNECTIONS. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH INDIVIDUAL CREW MEMBERS AS IT PERTAINS TO WELL CONTROL. DISCUSSED THE IMPORTANCE OF INSPECTING ALL WELL CONTROL EQUIPMENT.

## Comments

14,290 SACKS OF BARITE ON BOARD.

## Future Action / Development Required

*Not Specified*

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**ATTENDANCE**

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**GENERAL COMMENTS**

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**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
04 Apr 2010	10:00	DWH-2010-Apr-034-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	139	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Hackney, David Morton	
Drill Type		
Well Control Drill		

**Description Of Drill**

Barite on Board 10,317 Sacks. Discussed with crew roles and responsibilities. Discussed Section 5 Sub-Section 1, Detecting Kick, A Kick is a flow of formation fluid and or Gas into well Bore. The First positive indicator that the well is flowing is a increase in return flow rate. A Gain in pit volumes is another positive indicator that a Kick occurred. Adrilling Break is defined as a doubling or halving of the ROP sustained over 5' interval. All Drilling Breaks must be flow Checked. Even if a flow check is negative , circulating bottoms-up may be advisable before continuing to drill ahead.

**Comments**

*Not Specified*

**Future Action / Development Required**

*Not Specified*

**ATTENDANCE**

Name	Position	
Barron III, Daniel	FLOORHAND	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Holloway, Caleb	FLOORHAND	
Jones, Gordon	Mud Engineer	
Kemp, Roy	DERRICKHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
Lee, Earl	Company Man	
McWhorter, Jim	SR SUBSEA SPVR (MUX)	
Revette, Dewey	DRILLER	

Roshto, Shane	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	
Votaw, James	SR TOOLPUSHER	
Watson, Robert	TOOLPUSHER	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\toolpusher.dwh	04 Apr 2010	Created Form
hq\oim.dwh	04 Apr 2010	Approved By OIM



**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
04 Apr 2010	10:30	DWH-2010-Apr-035-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	139	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Hackney, David Morton	
Drill Type		
Well Control Drill		

Description Of Drill  
WELL CONTROL AUDIT

**Comments**

8,756 SACK OF BARITE ON BOARD. DISCUSS LOSS OF RISER DRILLING FLUID COLUMN ON FLOATING RIG OPERATION, THE LOSS OF THE DRILLING FLUID IN THE RISER MAY RESULT IN A REDUCTION OF HYDROSTATIC PRESSURE IN THE WELLBORE AND MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL. ALSO DISCUSSED LOST CIRCULATION. WHEN LOST CIRCULATION OCCURES, THE DRILLING FLUID LEVEL CAN DROP AND A REDUCTION IN HYDROSTATIC PRESSURE IN THE WELLBORE MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL.

Future Action / Development Required  
NONE AT THIS TIME

**ATTENDANCE**

Name	Position	
Bass, Terry	DRILLER	
Beckett, Solomon	FLOORHAND	
Bridges, Stephen	DERRICKHAND	
Carroll, John	ASST DRILLER	
Dupont Jr., Thomas	PUMPHAND	
Haygood, Tab	Mud Engineer	
James, Sebastian	ASST DRILLER	
Odenwald, Jay	SUBSEA SPVR	
Price, Vincent	Company Man	
Procell, Colby	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	

Sams Jr., Robert	FLOORHAND	
Stockstill, Steven	FLOORHAND	
Votaw, James	SR TOOLPUSHER	
Wheeler, Wyman	TOOLPUSHER	
Whittle, John	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	04 Apr 2010	Saved Form
hq\driller.dwh	04 Apr 2010	Created Form
hq\oim.dwh	04 Apr 2010	Saved Form
hq\oim.dwh	04 Apr 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
11 Apr 2010	10:00	DWH-2010-Apr-038-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	145	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Not Specified	Not Specified	
Drill Type		
Well Control Drill		

**Description Of Drill**

DISCUSSED WITH CREW ROLES AND RESPONSIBILITIES . DISCUSSED SECTION 7 SUB-SECTION 1 4.2. WIRELINE OPERATIONS ARE CONDUCTED USING DRILLING FLUID AS PRIMARY MEANS OF PRESSURE CONTROL BOP'S AS SECONDARY CONTROL. IT IS THE RESPONSIBILITY OF THE DRILLER TO MONITOR THE WELL DURING LOGGING OPERATIONS, THIS MUST BE DONE BY CONTINUOUS CIRCULATION OVER THE HOLE USING THE TRIP TANK SYSTEM. FLOW OCCURS BOP'S ARE TO BE CLOSED AND WIRELINE UNIT NOTIFIED.

**Comments**

16,239 SACKS OF BARITE.

**Future Action / Development Required**

None at this time.

**ATTENDANCE**

Name	Position	
Barron III, Daniel	FLOORHAND	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Holloway, Caleb	FLOORHAND	
Kemp, Roy	DERRICKHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
Lindner, Leo	Mud Engineer	
McWhorter, Jim	SR SUBSEA SPVR (MUX)	
Revette, Dewey	DRILLER	

Roshto, Shane	FLOORHAND	
Sepulvado, Murray	Company Man	
Votaw, James	SR TOOLPUSHER	
Watson, Robert	TOOLPUSHER	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\asstdriller.dwh	11 Apr 2010	Created Form
hq\oim.dwh	12 Apr 2010	Continue with training.
hq\oim.dwh	13 Apr 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
12 Apr 2010	10:30	DWH-2010-Apr-040-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	145	14
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Not Specified	Not Specified	
Drill Type		
Well Control Drill		

Description Of Drill  
WELL CONTROL DRILL

**Comments**

16,239 SACKS OF BARITE ON BOARD.DURING LOGGING OPERATIONS IT IS THE RESPONSIBILITY OF THE DRILLER TO CONTINUOUSLY MONITOR THE WELL DURING LOGGING OPERATIONS. THIS MUST BE DONE BY CONTINUOUS CIRCULATION OVER THE HOLE USING THE TRIP TANK SYSTEM BEFORE ANY WIRELINE OPERATION BEGINS ALL DRILLING PERSONNEL MUST BE INVOLVED IN A SAFETY BRIEFING DURING WHICH RESPONSIBILITIES MUST BE CLEARLY DEFINED AND SUFFICIENTLY DETAILED INSTRUCTIONS MUST BE GIVEN TO DRILLING PERSONNEL TO ENABLE THEM TO CLOSE THE WELL.

**Future Action / Development Required**

None at this time.

**ATTENDANCE**

Name	Position	
Bass, Terry	DRILLER	
Beckett, Solomon	FLOORHAND	
Bridges, Stephen	DERRICKHAND	
Carroll, John	ASST DRILLER	
James, Sebastian	ASST DRILLER	
Lindner, Leo	Mud Engineer	
Odenwald, Jay	SUBSEA SPVR	
Procell, Colby	FLOORHAND	
Sams Jr., Robert	FLOORHAND	
Sepulvado, Ronnie	Company Man	
Stockstill, Steven	FLOORHAND	

Votaw, James	SR TOOLPUSHER	
Wheeler, Wyman	TOOLPUSHER	
Whittle, John	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	12 Apr 2010	Saved Form
hq\driller.dwh	12 Apr 2010	Created Form
hq\oim.dwh	13 Apr 2010	Continue with training.
hq\oim.dwh	13 Apr 2010	Approved By OIM



## Safety Drill Report - Complete

### DRILL INFO

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
18 Apr 2010	10:30	DWH-2010-Apr-044-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	144	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
<i>Not Specified</i>	<i>Not Specified</i>	
Drill Type		
Well Control Drill		

### Description Of Drill

Well Control Audit

### Comments

15,900 sacks of Barite onboard. Discussed well control responsibilities with each crew member. Discussed the procedures for shutting in on casing. The immediate priority is to shut in the well. (NOTE: Reduce annular/ram operating pressure to account for size and type of casing across the BOP). The most suitable control technique can only be determined after assessing the particular conditions at the rig site. The subsequent options available can be summarized as follows: X-O to drillpipe (unless the current casing string weight is too great) and strip to bottom to kill the well. X-O to drillpipe, strip in until the drillpipe is in the stack. Perform a top kill, Drop the Casing, and Shear the Casing.

### Future Action / Development Required

None at this time.

### ATTENDANCE

Name	Position	
Burgess, Micah	DRILLER	
Ezell, Miles	SR TOOLPUSHER	
Graham, Anthony	FLOORHAND	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Hay, Mark	SR SUBSEA SPVR (MUX)	
Hughes, Matthew	FLOORHAND	
Kaluza, Robert	Well Site Leader	
Kersey, Jonathan	FLOORHAND	
Lindner, Leo	Mud Engineer	
Morgan, Patrick	ASST DRILLER	

Nunley, Mark	FLOORHAND	
Petty, Alonzo	DERRICKHAND	
Pitts, Jerry	FLOORHAND	
Rhodes, Karl	PUMPHAND	
Seraile, Allen	ASST DRILLER	
Wheeler, Wyman	TOOLPUSHER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	18 Apr 2010	Saved Form
hq\driller.dwh	18 Apr 2010	Created Form
hq\oim.dwh	18 Apr 2010	Good training for crew to understand why we back off annular pressure to prevent collapsing of casing and to reduce regulator pressure with casing across Bop's.
hq\oim.dwh	18 Apr 2010	Approved By OIM

## Safety Drill Report - Complete

### DRILL INFO

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
18 Apr 2010	10:00	DWH-2010-Apr-047-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	144	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Not Specified	Not Specified	
Drill Type		
Well Control Drill		

### Description Of Drill

WEEKLY WELL CONTROL DRILL 15,426 SACKS OF BARITE ON BOARD.

### Comments

DISCUSS ROLES AND RESPONSIBILITIES WITH THE CREW. ALSO DISCUSS KICK DURING CEMENT JOBS. KICKS THAT OCCUR WHILE CEMENTING ARE THE RESULTS OF REDUCING THE HYDROSTATIC PRESSURE DURING THE OPERATION. WELL HAVE BEEN LOST DUE TO IMPROPERLY DESIGNED CEMENT SLURRIES AND SPACERS.

### Future Action / Development Required

None at this time.

### ATTENDANCE

Name	Position	
Anderson, Jason	TOOLPUSHER	
Barron III, Daniel	FLOORHAND	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Ezell, Miles	SR TOOLPUSHER	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Holloway, Caleb	FLOORHAND	
Kemp, Roy	DERRICKHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
Manuel, Blair	Mud Engineer	
Odenwald, Jay	SUBSEA SPVR	
Revette, Dewey	DRILLER	

Roshto, Shane	FLOORHAND	
Vidrine, Donald	Company Man	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\asstdriller.dwh	18 Apr 2010	Created Form
hq\oim.dwh	19 Apr 2010	Good topic to review with the mud weight being so close to pore pressure.
hq\oim.dwh	19 Apr 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
21 Feb 2010	10:00	DWH-2010-Feb-001-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	136	17
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Hackney, David Morton	
Drill Type		
Well Control Drill		

**Description Of Drill**

8,756 Sacks of Barite on Board. Discussed with Crew Roles and Responsibilities. Discussed Section 3 Sub-Section 1, 2.3 Lost Circulation When lost circulation occurs, the drilling fluid level can drop and a reduction in Hydrostatic Pressure in the well bore may cause the loss of Primary Well Control. Loss of Circulation may result from one or more of the following: Cavernous or Vugular Formations, Naturally Fractured Formation, Restricted Annulus.

**Comments**

*Not Specified*

**Future Action / Development Required**

*Not Specified*

**ATTENDANCE**

Name	Position	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Holloway, Caleb	FLOORHAND	
Johnson, Steven	Mud Engineer	
Kemp, Roy	DERRICKHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
McWhorter, Jim	SR SUBSEA SPVR (MUX)	
Ray, Barney	ASST DRILLER	
Revette, Dewey	DRILLER	
Roshto, Shane	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	

Sepulvado, Ronnie	Company Man	
Verhaar, Derek	FLOORHAND	
Votaw, James	SR TOOLPUSHER	
Watson, Robert	TOOLPUSHER	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	21 Feb 2010	Saved Form
hq\driller.dwh	21 Feb 2010	Saved Form
hq\driller.dwh	21 Feb 2010	Created Form
hq\oim.dwh	21 Feb 2010	Approved By OIM



**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
21 Feb 2010	22:00	DWH-2010-Feb-002-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	136	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Hackney, David Morton	
Drill Type		
Well Control Drill		

## Description Of Drill

WELL CONTROL DRILL AUDIT

## Comments

SACKS OF BARITE ON BOARD 8,756. DISCUSS LOSS OF RISER DRILLING FLUID COLUMN ON FLOATING RIG OPERATIONS, THE LOSS OF THE DRILLING FLUID COLUMN IN THE RISER MAY RESULT IN A REDUCTION OF HYDROSTATIC PRESSURE IN THE WELLBORE AND MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL. ALSO DISCUSSED LOST CIRCULATION. WHEN LOST CIRCULATION OCCURE, THE DRILLING FLUID LEVEL CAN DROP AND REDUCTION IN HYDROSTATIC PRESSURE IN THE WELLBORE MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL.

## Future Action / Development Required

*Not Specified***ATTENDANCE**

Name	Position	
Bass, Terry	DRILLER	
Beckett, Solomon	FLOORHAND	
Bridges, Stephen	DERRICKHAND	
Carroll, John	ASST DRILLER	
Dupont Jr., Thomas	PUMPHAND	
James, Sebastian	ASST DRILLER	
Lindner, Leo	Mud Engineer	
Odenwald, Jay	SUBSEA SPVR	
Procell, Colby	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	
Sams Jr., Robert	FLOORHAND	

Stockstill, Steven	FLOORHAND	
Vidrine, Donald	Company Man	
Votaw, James	SR TOOLPUSHER	
Wheeler, Wyman	TOOLPUSHER	
Whittle, John	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\asstdriller.dwh	21 Feb 2010	Saved Form
hq\asstdriller.dwh	21 Feb 2010	Saved Form
hq\asstdriller.dwh	21 Feb 2010	Saved Form
hq\asstdriller.dwh	21 Feb 2010	Created Form
hq\oim.dwh	21 Feb 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
21 Feb 2010	22:00	DWH-2010-Feb-003-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	136	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Hackney, David Morton	
Drill Type		
Well Control Drill		

## Description Of Drill

WELL CONTROL DRILL AUDIT

## Comments

SACKS OF BARITE ON BOARD 8,756. DISCUSS LOSS OF RISER DRILLING FLUID COLUMN ON FLOATING RIG OPERATIONS, THE LOSS OF THE DRILLING FLUID COLUMN IN THE RISER MAY RESULT IN A REDUCTION OF HYDROSTIC PRESSURE IN THE WELLBORE AND MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL. ALSO DISCUSSED LOST CIRCULATION. WHEN LOST CIRCULATION OCCURE, THE DRILLING FLUID LEVEL CAN DROP AND REDUCTION IN HYDROSTIC PRESSURE IN THE WELLBORE MAY CAUSE THE LOSS OF PRIMARY WELL CONTROL.

## Future Action / Development Required

*Not Specified***ATTENDANCE**

Name	Position	
Bass, Terry	DRILLER	
Beckett, Solomon	FLOORHAND	
Bridges, Stephen	DERRICKHAND	
Carroll, John	ASST DRILLER	
Dupont Jr., Thomas	PUMPHAND	
James, Sebastian	ASST DRILLER	
Lindner, Leo	Mud Engineer	
Odenwald, Jay	SUBSEA SPVR	
Procell, Colby	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	
Sams Jr., Robert	FLOORHAND	

Stockstill, Steven	FLOORHAND	
Vidrine, Donald	Company Man	
Votaw, James	SR TOOLPUSHER	
Wheeler, Wyman	TOOLPUSHER	
Whittle, John	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\asstdriller.dwh	21 Feb 2010	Saved Form
hq\asstdriller.dwh	21 Feb 2010	Saved Form
hq\asstdriller.dwh	21 Feb 2010	Created Form
hq\oim.dwh	21 Feb 2010	Approved By OIM

**Safety Drill Report - Saved****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
28 Feb 2010	10:00	DWH-2010-Feb-010-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	134	15
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Hackney, David Morton	Hackney, David Morton	
Drill Type		
Well Control Drill		

**Description Of Drill**

Discussed with Crew Roles and Responsibilities. Discussed Section 2 Sub-Section 4. Casing setting depth. A casing string setting point is vital to well Control. Setting casing to high may leave weak zones exposed in the subsequent open hole section. Casing setting depth is made in reference to anticipated formation pressure, and Fracture Gradient. Also discussed lost circulation and causes, Excessive run speeds, Etc.

**Comments**

*Not Specified*

**Future Action / Development Required**

*Not Specified*

**ATTENDANCE**

Name	Position	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Holloway, Caleb	FLOORHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
Lindner, Leo	Mud Engineer	
McWhorter, Jim	SR SUBSEA SPVR (MUX)	
Revette, Dewey	DRILLER	
Roshto, Shane	FLOORHAND	
Verhaar, Derek	FLOORHAND	
Vidrine, Donald	Company Man	
Votaw, James	SR TOOLPUSHER	

Watson, Robert	TOOLPUSHER	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Comment

*Not Specified*

Added By	Date	Comment
hq\asstdriller.dwh	28 Feb 2010	Saved Form
hq\asstdriller.dwh	28 Feb 2010	Saved Form



## Safety Drill Report - Complete

### DRILL INFO

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
07 Mar 2010	11:00	DWH-2010-Mar-015-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	132	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell, Jimmy Wayne	Hackney, David Morton	
Drill Type		
Well Control Drill		

### Description Of Drill

Well Control Audit

### Comments

12,083 Sacks of Barite onboard. Discussed the reason and importance of doing a Leak off or Fit Test. Such a test will establish the strength of the formation at the shoe and the integrity of the cement job at the shoe, which is used to determine the maximum mud weight the open hole can withstand to reach the next casing point. The test pressure should not exceed 70% of the minimum yield of the weakest casing, allowing for mud weight differential (inside/behind the casing string).

### Future Action / Development Required

Continue to engage floorhands in discussions to further their understanding of well control.

### ATTENDANCE

Name	Position	
Burgess, Micah	DRILLER	
Ezell, Miles	SR TOOLPUSHER	
Graham, Anthony	FLOORHAND	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Hay, Mark	SR SUBSEA SPVR (MUX)	
Hughes, Matthew	FLOORHAND	
Jones, Gordon	Mud Engineer	
Kersey, Jonathan	FLOORHAND	
Lee, Earl	Company Man	
Morgan, Patrick	ASST DRILLER	
Nunley, Mark	FLOORHAND	
Petty, Alonzo	DERRICKHAND	

Pitts, Jerry	FLOORHAND	
Rhodes, Karl	PUMPHAND	
Seraile, Allen	ASST DRILLER	
Wheeler, Wyman	TOOLPUSHER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\toolpusher.dwh	07 Mar 2010	Saved Form
hq\toolpusher.dwh	07 Mar 2010	Saved Form
hq\toolpusher.dwh	07 Mar 2010	Created Form
hq\oim.dwh	08 Mar 2010	Good drill and communication to gain knowledge and understanding of formation integrity test and leak off test.
hq\oim.dwh	08 Mar 2010	Approved By OIM

**Safety Drill Report - Saved****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
07 Mar 2010	22:00	DWH-2010-Mar-018-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	132	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell, Jimmy Wayne	Hackney, David Morton	
Drill Type		
Well Control Drill		

**Description Of Drill**

12,083 Sacks of Barite on Board. Discussed Roles and Responsibilities with Crew. Also Discussed Section 5 Sub- Section 1 Kick Detection while Drilling. The first positive indicator that the well is flowing is a increase in return Flow. Increase in Pit volumes is a positive indicator, Another indicator is well flowing during connections, Drilling Breaks are another and defined as a Doubling or Halving of the ROP sustained over a 5' interval.

**Comments**

*Not Specified*

**Future Action / Development Required**

*Not Specified*

**ATTENDANCE**

Name	Position	
Anderson, Jason	TOOLPUSHER	
Clark, Donald	ASST DRILLER	
Curtis, Stephen	ASST DRILLER	
Ezell, Miles	SR TOOLPUSHER	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Haygood, Tab	Mud Engineer	
Holloway, Caleb	FLOORHAND	
Kemp, Roy	DERRICKHAND	
Kleppinger, Karl	FLOORHAND	
Ladner, Todd	PUMPHAND	
Odenwald, Jay	SUBSEA SPVR	
Revette, Dewey	DRILLER	

Roshto, Shane	FLOORHAND	
Sepulvado, Murray	Company Man	
Verhaar, Derek	FLOORHAND	
Weise, Adam	FLOORHAND	

## GENERAL COMMENTS

Comment

*Not Specified*

Added By	Date	Comment
hq\asstdriller.dwh	07 Mar 2010	Saved Form

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
14 Mar 2010	10:30	DWH-2010-Mar-020-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	130	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell, Jimmy Wayne	Kuchta, Curt Robert	
Drill Type		
Well Control Drill		

**Description Of Drill**

DISCUSSED THE WAIT AND WEIGHT METHOD DURING A WELL KILL - KILL MUD IS PREPARED AND IS PUMPED FROM SURFACE TO THE BIT WHILE FOLLOWING A CALCULATED DRILLPIPE PRESSURE DROP SCHEDULE. ONCE THE KILL MUD ENTERS THE ANNULUS, A CONSTANT DRILLPIPE PRESSURE IS MAINTAINED UNTIL THE KILL MUD ARRIVES AT SURFACE. DISCUSSED THE IMPORTANCE OF MONITORING AND RECORDING PRESSURES; INCLUDING DRILLPIPE PRESSURE, SICP, BOP, LMRP PRESSURES. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH INDIVIDUAL CREW MEMBER DURING A WELL CONTROL SITUATION.

**Comments**

14,365 SACKS OF BARITE ON BOARD.

**Future Action / Development Required**

CONTINUOUS TRAINING AND DEVELOPMENT IN WELL CONTROL.

**ATTENDANCE**

Name	Position	
Anderson, Jason	TOOLPUSHER	
Cobb II, Wiley	PUMPHAND	
Duhon, Christopher	FLOORHAND	
Ezell, Miles	SR TOOLPUSHER	
Hall, Antonio	DERRICKHAND	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Hay, Mark	SR SUBSEA SPVR (MUX)	
Haygood, Tab	Mud Engineer	
Humphries, Kevin	FLOORHAND	
Jeffcoat, Kevin	FLOORHAND	

Latiolais, Dwayne	DRILLER	
Sandidge, Casey	FLOORHAND	
Sepulvado, Michael	ASST DRILLER	
Sepulvado, Murray	Company Man	
Spangler III, Wilmer	FLOORHAND	
Trenum, Ronald	ASST DRILLER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	14 Mar 2010	Saved Form
hq\driller.dwh	14 Mar 2010	Created Form
hq\oim.dwh	14 Mar 2010	Good drill to train and teach crews the importance to follow their roles.
hq\oim.dwh	14 Mar 2010	Approved By OIM



**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
14 Mar 2010	22:30	DWH-2010-Mar-024-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	130	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell, Jimmy Wayne	Kuchta, Curt Robert	
Drill Type		
Well Control Drill		

Description Of Drill  
WELL CONTROL AUDIT

**Comments**

14,365 SACKS OF BARITE ONBOARD. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH CREW MEMBER FOR A WELL CONTROL EVENT. DISCUSSED THAT THE BOP'S AND EQUIPMENT MUST BE FUNCTION TESTED EVERY SEVEN DAYS OR DURING THE FIRST TRIP AFTER THE SEVEN INTERVAL. THE INTENT IS THAT THE TEST BE DONE WHEN PRACTICAL NEAR THE SEVENTH DAY AND WILL DEPEND ON THE TYPE OF OPERATIONS BEING CARRIED OUT OR STILL BEING CARRIED OUT.

Future Action / Development Required

*Not Specified*

**ATTENDANCE**

Name	Position	
Burgess, Micah	DRILLER	
Deshotel, John	SR TOOLPUSHER	
Ezell, Miles	SR TOOLPUSHER	
Graham, Anthony	FLOORHAND	
Harrell, Jimmy	OIM OFFSHORE INST MGR	
Hughes, Matthew	FLOORHAND	
Johnson, Steven	Mud Engineer	
Kersey, Jonathan	FLOORHAND	
Morgan, Patrick	ASST DRILLER	
Nunley, Mark	FLOORHAND	
Petty, Alonzo	DERRICKHAND	
Pitts, Jerry	FLOORHAND	

Pleasant, Christopher	SUBSEA SPVR	
Rhodes, Karl	PUMPHAND	
Sepulvado, Ronnie	Company Man	
Seraile, Allen	ASST DRILLER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\toolpusher.dwh	14 Mar 2010	Saved Form
hq\toolpusher.dwh	14 Mar 2010	Created Form
hq\oim.dwh	16 Mar 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
21 Mar 2010	10:30	DWH-2010-Mar-025-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	137	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ezell, Miles Randall	Kuchta, Curt Robert	
Drill Type		
Well Control Drill		

**Description Of Drill**

DISCUSSED UPCOMING OPERATIONS OF DRILLING OUT CEMENT, FLOAT COLLAR, AND SHOE TRACK. DISCUSSED THE IMPORTANCE OF MONITORING AND RECORDING ALL PIT VOLUME TOTALS, PUMP PRESSURES, FLOW BACK DURING CONNECTIONS, AND RETURN FLOWBACK. DISCUSSED THE IMPORTANCE OF INSPECTING ALL WELL CONTROL SURFACE EQUIPMENT PRIOR TO ANY DRILLING / TRIPPING OPERATIONS. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH INDIVIDUAL CREW MEMBER AS IT PERTAINS TO A WELL CONTROL SITUATION.

**Comments**

12,576 SACKS OF BARITE ON BOARD.

**Future Action / Development Required**

CONTINUOUS TRAINING AND DEVELOPMENT FOR A WELL CONTROL SITUATION.

**ATTENDANCE**

Name	Position	
Anderson, Jason	TOOLPUSHER	
Burgess, Micah	DRILLER	
Cobb II, Wiley	PUMPHAND	
Duhon, Christopher	FLOORHAND	
Ezell, Miles	SR TOOLPUSHER	
Hall, Antonio	DERRICKHAND	
Hay, Mark	SR SUBSEA SPVR (MUX)	
Humphries, Kevin	FLOORHAND	
Jeffcoat, Kevin	FLOORHAND	
Johnson, Steven	Mud Engineer	
Latiolais, Dwayne	DRILLER	

Sandidge, Casey	FLOORHAND	
Sepulvado, Michael	ASST DRILLER	
Sepulvado, Ronnie	Company Man	
Spangler III, Wilmer	FLOORHAND	
Trenum, Ronald	ASST DRILLER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	21 Mar 2010	Saved Form
hq\driller.dwh	21 Mar 2010	Created Form
hq\oim.dwh	21 Mar 2010	Also discussed the importance of the upcoming D-5 drill
hq\oim.dwh	21 Mar 2010	Approved By OIM

**Safety Drill Report - Pending OIM****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
21 Mar 2010	22:30	DWH-2010-Mar-027-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	137	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Not Specified	Not Specified	
Drill Type		
Well Control Drill		

Description Of Drill  
WELL CONTROL AUDIT

**Comments**

12,576 SACKS OF BARITE ON BOARD. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH CREW MEMBER FOR A WELL CONTROL EVENT. WE DISCUSSED THE HOLE MUST BE KEPT FULL AT ALL TIMES USING A TRIP TANK OF CALIBRATED PIT. ACCURATE HOLE FILL RECORDS MUST BE KEPT DURING TRIPS. THE ON-TOUR TOOLPUSHER SHOULD BE ON THE RIG FLOOR FOR A MINIMUM OF THE FIRST 10 STANDS WHILE TRIPPING OUT OF THE HOLE OF UNTIL THE BIT IS INSIDE CASING. IF THE HOLE DOES NOT TAKE THE CORRECT VOLUME OF MUD, OR IF THE DRILLER HAS ANY DOUBT, THE PIPE MUST BE RUN IMMEDIATELY AND CAUTIOUSLY BACK TO BOTTOM AND BOTTOMS-UP CIRCULATED.

Future Action / Development Required  
Not Specified

**ATTENDANCE**

Name	Position	
Anderson, Jason	TOOLPUSHER	
Burgess, Micah	DRILLER	
Deshotel, John	SR TOOLPUSHER	
Ezell, Miles	SR TOOLPUSHER	
Graham, Anthony	FLOORHAND	
Hughes, Matthew	FLOORHAND	
Kersey, Jonathan	FLOORHAND	
Lindner, Leo	Mud Engineer	
Morgan, Patrick	ASST DRILLER	
Nunley, Mark	FLOORHAND	

Petty, Alonzo	DERRICKHAND	
Pitts, Jerry	FLOORHAND	
Pleasant, Christopher	SUBSEA SPVR	
Rhodes, Karl	PUMPHAND	
Seraile, Allen	ASST DRILLER	
Vidrine, Donald	Company Man	

## GENERAL COMMENTS

Comment

*Not Specified*

Added By	Date	Comment
hq\driller.dwh	21 Mar 2010	Saved Form
hq\driller.dwh	21 Mar 2010	Saved Form
hq\driller.dwh	21 Mar 2010	Saved Form
hq\driller.dwh	19 Apr 2010	Created Form



**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
28 Mar 2010	10:30	DWH-2010-Mar-029-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	137	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Kuchta, Curt Robert	
Drill Type		
Well Control Drill		

Description Of Drill  
WELL CONTROL AUDIT

**Comments**

THE MUD PIT VOLUMES AND MUD DENSITY MUST BE CONTINUOUSLY MONITORED. ALL MEASURING INSTRUMENTS MUST BE CALIBRATED AND IN GOOD CONDITION TO DETECT ANY CHANGE IN ACTIVE VOLUME. THE MOST RELIABLE INDICATOR GENERALLY REMAINS THE FLOW OUT SENSOR. IF THERE IS ANY INADEQUACY IN THE MEASURING INSTRUMENTS, EXTRA PERSONNEL MUST BE ASSIGNED TO ENSURE ADEQUATE MONITORING OF MUD VOLUMES.

Future Action / Development Required  
NONE AT THIS TIME.

**ATTENDANCE**

Name	Position	
Bass, Terry	DRILLER	
Beckett, Solomon	FLOORHAND	
Bridges, Stephen	DERRICKHAND	
Carroll, John	ASST DRILLER	
Deshotel, John	SR TOOLPUSHER	
Dupont Jr., Thomas	PUMPHAND	
James, Sebastian	ASST DRILLER	
Jones, Gordon	Mud Engineer	
McWhorter, Jim	SR SUBSEA SPVR (MUX)	
Procell, Colby	FLOORHAND	
Ryan, Rodney	OIM OFFSHORE INST MGR	
Sams Jr., Robert	FLOORHAND	

Stockstill, Steven	FLOORHAND	
Vidrine, Donald	Company Man	
Votaw, James	SR TOOLPUSHER	
Whittle, John	FLOORHAND	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	28 Mar 2010	Saved Form
hq\driller.dwh	28 Mar 2010	Created Form
hq\oim.dwh	28 Mar 2010	Approved By OIM

**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
28 Mar 2010	23:30	DWH-2010-Mar-033-SAF
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	137	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan, Rodney J.	Kuchta, Curt Robert	
Drill Type		
Well Control Drill		

**Description Of Drill**

DISCUSSED CURRENT OPERATIONS OF DRILLING 10 5/8" HOLE SECTION AND KICK DETECTION WHILE DRILLING. DRILLING BREAKS, IS A DOUBLING OR HALVING OF THE ROP SUSTAINED OVER A 5' INTERVAL. INCREASE IN FLOW RATE AND / OR PIT VOLUME IS A POSITIVE INDICATOR THAT A KICK IS OCCURRING. VARIATION IN PUMP PRESSURE MAY OCCURE WHEN LOW DENISTY FORMATION FLUIDS FLOW INTO THE ANNULUS. WELL FLOW DURING CONNECTION MAY OCCUR DO TO THE HYDROSTATIC REDUCTION IN BOTTOM HOLE PRESSURE. DISCUSSED THE ROLES AND RESPONSIBILITES OF EACH INDIVIDUAL CREW MEMBER DURING A WELL CONTROL SITUATION.

**Comments**

10,734 SACKS OF BARITE ON BOARD.

**Future Action / Development Required**

CONTINUOUS TRAINING AND DEVELOPMENT AMONG CREW MEMBERS FOR A WELL CONTROL SITUATION.

**ATTENDANCE**

Name	Position	
Cobb II, Wiley	PUMPHAND	
Duhon, Christopher	FLOORHAND	
Hall, Antonio	DERRICKHAND	
Humphries, Kevin	FLOORHAND	
Jeffcoat, Kevin	FLOORHAND	
Latiolais, Dwayne	DRILLER	
Lee, Earl	Company Man	
Pleasant, Christopher	SUBSEA SPVR	
Ryan, Rodney	OIM OFFSHORE INST MGR	

Sandidge, Casey	FLOORHAND	
Sepulvado, Michael	ASST DRILLER	
Sollberger, Alex	Mud Engineer	
Spangler III, Wilmer	FLOORHAND	
Trenum, Ronald	ASST DRILLER	
Votaw, James	SR TOOLPUSHER	
Watson, Robert	TOOLPUSHER	

## GENERAL COMMENTS

Added By	Date	Comment
hq\driller.dwh	28 Mar 2010	Saved Form
hq\driller.dwh	28 Mar 2010	Created Form
hq\oim.dwh	29 Mar 2010	Approved By OIM

**Safety Drill Report - Complete**

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**DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
31 Jan 2010	10:00	DWHDWH100131SAF1486
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	126	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell	Kuchta	
Drill Type		
Well Control Drill		

## Description Of Drill

## WEEKLY WELL CONTROL AUDIT

## Comments

11,787 SACKS OF BARITE ON BOARD. DISCUSSED UPCOMING OPERATIONS OF DRILLING NEW WELL AND POSSIBLE HAZARDS OF SHALLOW GAS KICK. DRILLING THROUGH A GAS BEARING FORMATION REQUIRES EXTREME CAUTION. BECAUSE OF THE DIFFICULTY IN EARLY DETECTION OF AN INFLUX WHILE DRILLING TOP HOLE SECTIONS AND THE SHALLOW NATURE OF THE HOLE, IT MAY BE DECIDED TO EITHER SHUT-IN OR TO DIVERT. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH INDIVIDUAL CREW MEMBER DURING A WELL CONTROL SITUATION. DISCUSSED THE IMPORTANCE OF INSPECTING ALL WELL CONTROL RELATED EQUIPMENT EACH TOUR.

## Future Action / Development Required

Continue with training.

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**ATTENDANCE**

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**GENERAL COMMENTS**

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**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
31 Jan 2010	22:30	DWHDWH100131SAF1489
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	126	15
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Harrell	Kuchta	
Drill Type		
Well Control Drill		

**Description Of Drill**

WELL CONTROL AUDIT

**Comments**

14,082 SACKS OF BARITE ON BOARD. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH CREW MEMBER FOR A WELL CONTROL EVENT. DISCUSSED THE IMPORTANCE OF TRIP TANK VOLUMES OR RETURN FLOW. THE HYDROSTATIC PRESSURE IN THE WELL BORE WILL ALWAYS BE REDUCED TO SOME EXTENT WHEN THE DRILL STRING OR DOWN HOLE TOOLS ARE PULLED FROM WELL BORE. CAUSES OF SWABBING; HIGH PULLING SPEEDS, TIGHT ANNULUS OR RESTRICTED ANNULUS CLEARANCE, AND MUD DENSITY IN USE IS CLOSE TO FORMATION PRESSURE. LOST CIRCULATION OCCURS WHEN THE DRILING FLUID LEVEL CAN DROP AND REDUCTION IN HYDROSTATIC PRESSURE IN THE WELL BORE MAY CAUSE PRIMARY WELL CONTROL, CAUSES: CAVERNOUS OR VUGULAR FORMATION.

**Future Action / Development Required**

NONE

**ATTENDANCE****GENERAL COMMENTS**



**Safety Drill Report - Complete****DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
07 Feb 2010	10:30	DWHDWH100207SAF1491
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	125	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan	Kuchta	
Drill Type		
Well Control Drill		

**Description Of Drill**

DISCUSSED UPCOMING OPERATIONS OF DRILLING OUT CEMENT PLUG AND SHOE TRACK WITH 10 - 15 FEET OF NEW HOLE FORMATION. DISCUSSED DRILLING THROUGH HIGH PRESSURE SANDS AND POSSIBILITY OF ENCOUNTERING WELL CONTROL SITUATION ACCORDING TO OFFSET WELL DATA. DISCUSSED THE IMPORTANCE OF MONITORING ALL PIT VOLUMES, PUMP PRESSURES, FLOWBACK DURING CONNECTIONS. DISCUSSED THE ROLES AND RESPONSIBILITIES OF EACH INDIVIDUAL CREW MEMBER AS IT PERTAINS TO WELL CONTROL. DISCUSSED THE IMPORTANCE OF INSPECTING ALL WELL CONTROL EQUIPMENT.

**Comments**

11,097 SACKS OF BARITE ON BOARD.

**Future Action / Development Required**

CONTINUOUS TRAINING AND REVIEWING WELL CONTROL PROCEDURES

**ATTENDANCE****GENERAL COMMENTS**

**Safety Drill Report - Complete**

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**DRILL INFO**

Drill Date (DD MMM YYYY)	Drill Time (HH:MM)	Document Number
07 Feb 2010	22:30	DWHDWH100207SAF1494
Drill Duration (hrs)	Number Of POB	Number Attending
00:30	125	16
Location	Well Name	
Deepwater Horizon (DWH)	MC 252 #1 ST00 BP01	
Operator		Lease Number
BP Exploration		OCSGG32306
Response Satisfactory		
Yes		
OIM (Last, First)	Master or Barge Supervisor (Last, First)	
Ryan	Kuchta	
Drill Type		
Well Control Drill		

## Description Of Drill

WELL CONTROL AUDIT

## Comments

11,097 SACK OF BARITE ON BOARD.DISCUSSED THE RESPONSIBILITIES OF EACH CREW MEMBER FOR A WELL CONTROL EVENT.DISCUSSED THE BOP'S AND THE EQUIPMENT MUST BE FUNCTION TESTED EVERY SEVEN DAY OR DURING THE FIRST TRIP AFTER THE SEVEN INTERVAL.THE INTENT IS THAT THE TEST BE DONE WHEN PRACTICAL NEAR THE SEVEN DAY AND WILL DEPEND ON THE ON THE TYPE OF OPERATION BEING CARRIED OUT OR STILL TO BE CARRIED OUT.THE PERIOD BETWEEN FUNCTION TEST MUST NOT EXCEED A MAXIMUM OF FOURTEEN DAYS.

## Future Action / Development Required

NONE

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**ATTENDANCE**

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**GENERAL COMMENTS**

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