
From: Cocales, Brett W [Brett.Cocales@bp.com]
Sent: Saturday, March 06, 2010 4:54 PM
To: LeBleu, John B; Maxie, Doyle; Chip LaCombe; Bellow, Jonathan M; Greg Navarette; Gagliano, Jesse
Subject: FW: Forward Plan for review
Attachments: Plan Foward 03062010 rev3.doc

<<Plan Foward 03062010 rev3.doc>>

1. TIH to 10,690' (highest point for cement before losses/squeeze) and begin washing and reaming with 11.3 ppg MW to the estimated TOC at 11,255'. Continue W&R to 11,595' (10' below the 16" shoe). At this point, there should be 20' of remaining cement in the rathole below the 16" shoe.

- a. Record depth for actual firm cement top
- b. Monitor hole for losses. Circulate as required to clear cuttings above BHA.
- c. Perform an FIT to an EMW of 12.5 ppg (723 psi w/11.3 MW) w/o picking up test stand (i.e., through top drive w/Halliburton)
 - 2) Following a successful FIT, raise MW to 11.5 ppg and drill remaining cement and clean out at least 20' of rathole below cement. If depth at this point is > 11,638' (previous cleanout depth), CBU, POOH to shoe and perform official MMS shoe test to 12.5 ppg EMW (605 psi w/11.5 MW). [Note: MMS approval 3/6/2010, that 10' of new formation is not required due to the length of open hole below 16" shoe.] If bit did not go below 11,638', there is not a need to CBU prior to the FIT, just boost cuttings above BHA.
 - 3) W&R with 11.5 ppg MW as follows:
 - a. Use caution below 11,638' where WOB / tight hole / packoff issues were encountered while attempting to W&R rathole with 16-1/2" bit originally.
 - b. W&R until Kelly down thru assumed "bridge" in Openhole. CBU if there was a bridge in the well, otherwise continue next step.
 - c. Drop ball to open UR, pull up to 11,585' and UR / cleanout cement in rathole) Use caution, as potential large blocks of cement may pose problems.
 - d. W&R to TD with UR opened. Use caution, as rathole likely contains cement from previous cement jobs on 16" casing.
 - e. Be prepared for high gas levels as experienced previously while cleaning out rathole.
 - 4) Once rathole is cleaned out and hole has been circulated clean, and gas levels have dropped, shut down and check for flow.

5) Raise MW to 11.8 ppg & begin drilling & UR to 13-5/8" liner setting point.

- a. Maintain the following MW weight up schedule (unless PP estimate is higher or LOT was lower than 12.5 EMW):
 - i. @12,500' = 11.8
 - ii. @13,000' = 11.9
 - iii. @13,500' = 12.0
- b. CBU, if TD of section has been reached.
- c. Spot 16.5 ppg in rathole, POOH to run 13-5/8" liner.

Regards,

Mark Hafle
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BP – Macondo (Horizon)
Clean-out / Drill ahead: 3/6/2010
MC 252 #1 – Forward Plan



- 1) TIH to 10,690' (highest point for cement before losses/squeeze) and begin washing and reaming with 11.3 ppg MW to the estimated TOC at 11,255'. Continue W&R to 11,595' (10' below the 16" shoe). At this point, there should be 20' of remaining cement in the rathole below the 16" shoe.
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 - ii. @13,000' = 11.9
 - iii. @13,500' = 12.0
 - b. CBU, if TD of section has been reached.
 - c. Spot 16.5 ppg in rathole, POOH to run 13-5/8" liner.

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