

From: Morel, Brian P
Sent: Sun Oct 25 14:16:32 2009
To: Douglas, Scherie D
Cc: Fleece, Trent J; Haffle, Mark E
Subject: FW: Draft to MMS
Importance: High
Attachments: PPFGMW charts.doc

Scherie,

Can you please contact the MMS for approval to drill ahead with a 0.3 ppg margin, instead of 0.5 ppg? Below are the details from Trent along with two charts, one showing just the reduced PP and the other showing, our estimates for reduced PP / FG, and MW. I wasn't sure which one you would want to submit so I included both. Please let myself or Trent know if you need anything else. Our current status is drilling ahead.

Mr Frank Patton,

BP is requesting a reduction from the 0.5 to 0.3 ppg Mud Weight lower than frac gradient for the MC252 Macondo well.

We've performed our 1st leak off test on our 22" shoe. We saw a lower than expected frac gradient on the LOT. We had a pre-drill 'Minimum' Pore Pressure scenario worked for this well. We believe we are seeing this minimum case which is resulting in the lower than expected frac gradient. We are planning on drilling this hole section with a 10 ppg MW vs the originally submitted 10.6 ppg MW. We have real time pore pressure specialists on the rig, and will be monitoring the real time data to adjust for any changes may encounter.

If you would like any further info, please call Trent Fleece, Operation Drilling Engineer, [REDACTED]

Thanks

Trent

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