

From: Morel, Brian P
Sent: Fri Mar 26 15:45:18 2010
To: Lee, Earl P (Oper Svcs Drill); Vidrine, Don J
Cc: Guide, John; Hafle, Mark E; Walz, Gregory S; Bellow, Jonathan M; Cocalles, Brett W
Subject: 9-7/8" Liner Hole Section Review
Importance: Normal

Don / Earl,

Below is the summary of our hole section review this morning. I will call to discuss and answer any questions you may have.

- Base plan is to set the liner at ~17,200' TVD in a competent shale (permitted to 17,500').
- LOT at 11-7/8" liner shoe expected to between 14.6 ppg (poisson) - 15.0 (brumfield).
 - If LOT is 15.0 ppg or above, conversations between office (drilling and subsurface) / rig team should be had about drilling to TD without setting 9-7/8" liner.
 - If sand pressures do not show 0.3 ppg centroid (2 different sand pressures) and LOT is 14.8 ppg or above, conversations between office (drilling and subsurface) / rig team should be had about drilling to TD without setting 9-7/8" liner.
 - Min LOT value to drill ahead 14.3 ppg
 - Not running casing is contingent on MMS approval
- Raise mud weight to 13.6-13.7 ppg (surface) prior to drilling ahead after LOT on 11-7/8" shoe
- Raise mud weight continually in the interval to achieve ~14.0 ppg (surface) at 17,200' or as hole conditions dictate (above 14 ppg at 17,200' discuss with office based drilling and tiger team).
- Sands are expected throughout the interval, pressures should be taken based on conversation between rig site geologist and WSL (2 pressures in 1st sand to confirm tool is working properly)
- A mass transport complex is expected around ~15,500' TVD (bright amplitude on seismic). Wellbore stability issues are not expected from this MTC, but there is a low potential that pressure or stability issues could be encountered. Close monitoring of pressure indicators should be continued throughout this entire interval.
- Pressure at 17,500' expected to be 13.6 ppg (shale) / 13.9 - 14.0 ppg (sand)
- At 17,500' Isabela started to see charged sands / similar depths anticipated on Macondo
- Call out Paleo prior to drilling out 9-7/8" liner if it is run
 - If liner is not going to be run, call out Paleo prior to drilling past 17k' (Sunday flight?)



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