

From: Albertin, Martin L.
Sent: Mon Mar 01 16:49:51 2010
To: Bodek, Robert; Cocales, Brett W; Guide, John; Hafle, Mark E; Morel, Brian P; Sims, David C; Arca, Serkan; Bellow, Jonathan M; Bondurant, Charles H; Decalf, Carole; Depret, Pierre-Andre ; Johnston, Paul J (Houston); Nguyen, Binh Van; Ritchie, Bryan; Skripnikova, Galina; Tadepalli, Sharma V; Vinson, Graham (Pinky); Mitchell, Paul
Cc: Lacy, Stuart C (QO Inc.); Paine, Kate (QuaDril Energy LT)
Subject: RE: 14 3/4" x 16" hole-section preview
Importance: Normal

Team,

A quick look at the forecast gives the following values (PPG) at a shoe depth of 11585" TVDKB:

PP = 11.3

Sand FG = 12.53 (PR=0.33)

Shale FG = 13.13 (PR=0.42)

OBG = 13.82

Marl FG will be somewhere between the sand and shale FG.

If we get the predicted shale frac gradient at LOT, if pore pressure follows the ML line, and if no weaker marl zones intervene, then predicted 13 5/8" TD is at around 14250' TVDKB. We can revisit the predicted TD after we see what the LOT is.

Pore pressure comments regarding upcoming hole section:

The main worry is that we could start seeing signs that we are on a higher Yumuri pore pressure gradient. The Yumuri model defines the max PPG case. Sand-Shale pressure should be fairly close in this hole section according to centroid modelling.

Marty

From: Bodek, Robert

Sent: Monday, March 01, 2010 9:05 AM

To: Cocales, Brett W; Guide, John; Hafle, Mark E; LeBleu, John B; Morel, Brian P; Sims, David C; Albertin, Martin L.; Arca, Serkan; Bellow, Jonathan M; Bodek, Robert; Boesiger, Todd; Bondurant, Charles H; Decalf, Carole; Depret, Pierre-Andre ; Johnston, Paul J (Houston); Lundquist, Jason J; McLaughan, Kelly; Nguyen, Binh Van; Ritchie, Bryan; Skripnikova, Galina; Tadepalli, Sharma V; Vinson, Graham (Pinky)

Cc: Lacy, Stuart C (QO Inc.)

Subject: 14 3/4" x 16" hole-section preview

Macondo Team,

Let's preview the upcoming hole-section after morning call tomorrow.

Regards,

Bobby Bodek

BP America Inc.

Geological Operations Coordinator

Gulf of Mexico Exploration - Tiger Team

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