

From: Albertin, Martin L.
Sent: Fri Oct 30 15:27:34 2009
To: Skripnikova, Galina
Cc: Vinson, Graham (Pinky)
Subject: RE: Updated Macondo forecast for 16" hole section preview
Importance: Normal

Galina,

We all made the same assumption - that we had all the data. In fact, we had most of the MDT data for the Rigel wells. There was only one missing MDT run in which there were 4 additional shallow points measured in the bypass well through the kick interval. I think for future planning, we should plan on a thorough data collection exercise once the team has identified the key offset wells during the NDS assessment.

In this particular case, the missing MDT data was not the real problem - the low LOT was. We identified the kick interval pre-drill, and estimated a kick pressure for it - the missing MDT data would have corroborated that estimate (in fact, would have shown the pressure to be a bit lower than we estimated). With the MDT measurements, I might have been inclined to include the kick pressure in our most likely pressure forecast. We had it included in the high side estimate.

At any rate, if we had gotten a high shale leakoff as forecast, we would have drilled through the interval with a mudweight above the estimated kick pressure. So from a planning perspective, we correctly took the problematic interval into account. With the low (sand???) leakoff, we couldn't drill the interval as planned. Prior to drillout, we had the right discussions about how to handle the kick interval, and whether to topset it or not. In the end, the team decided to take a calculated risk that we could drill through the kick interval without losing the wellbore.

Marty

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-----Original Message-----

From: Skripnikova, Galina
Sent: Friday, October 30, 2009 6:53 AM
To: Albertin, Martin L.
Subject: RE: Updated Macondo forecast for 16" hole section preview

Marty,

It is probably my fault we did not have Rigel MDT data loaded in advance. I did not check the sources since I had supposed you have already had all available data for your prediction. I should have checked it too..

Cheers,

Galina

-----Original Message-----

From: Albertin, Martin L.
Sent: Thursday, October 29, 2009 6:33 PM
To: Bodek, Robert; Paine, Kate (QuaDril Energy LT); Bondurant, Charles H; Scherschel, Craig; Skripnikova, Galina
Subject: Updated Macondo forecast for 16" hole section preview

Team,

Slide 4 of the attached PPT is an image of the latest pressure forecast. I added relevant comments for the next hole section extracted from the Rigel time log (comments in red). I added the MC252-1bp2 and MC296 LOT data for reference, and added shallower MC252-1bp2 MDT data from the MDT file Chuck and I found on OWL.

Kate...haven't plotted out the big plot yet. Will try to do that tomorrow.

3728

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Marty

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