

From: Wagner, Bruce E
Sent: Wed Feb 17 23:48:12 2010
To: Fisher, Ramsey; Skripnikova, Galina; Nelson, Jennifer L.(HOU)
Subject: RE: Core Logs for Macondo
Importance: Normal

Galina,

I concur with Ramsey. You want as much log info in the cored hole as you can get.

The two log suites are serving different purposes.

1. In the original hole, it's your first look at the reservoir. You get what you can to capture information in case something goes terribly wrong later in drilling, coring or logging the bypass. This needs to be a dataset that can support the in-place volume, give insight into the sedimentological character.
1. In the bypass, you want the best association of logs to core...to better associate the log response to the rock fabrics in the core for extrapolation to future wells that won't be cored

It creates a cost tension for our bosses....we really need both datasets.

If there is a cost tension from management, you may consider lightening up on the original hole evaluation, however there is no guarantee of getting things in the cored hole so a comprehensive analysis in the openhole is advantageous. There is little I'd suggest giving up in the original hole...maybe the ECS and NGT, (possibly the Rotary SWC if you thought sticking it would scrap the bypass... but then you'd have no rock at all...that's a harder case to make). Ask yourself..if the bypass totally failed, what would I need in the original hole to support a sanction decision or the decision to drill an appraisal well.

Ramsey's suggest to get together for a brief overview is good.

Bruce

From: Fisher, Ramsey
Sent: Wednesday, February 17, 2010 5:29 PM
To: Skripnikova, Galina; Nelson, Jennifer L.(HOU); Wagner, Bruce E
Subject: RE: Core Logs for Macondo

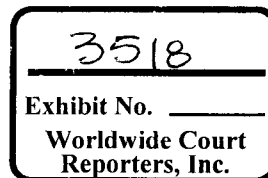
Galina,

Difficult to answer since I know very little about Macondo but one day is too little.

So this appears to be a core in a bypass hole.

You always want to collect required logs (GR, density, neutron, cmr) in the cored well.

What is mineralogy like and do you need ECS & NGS to calibrate logs to grain densities & any strange mineralogy?



CONFIDENTIAL

BP-HZN-2179MDL02393260

Is the well planning to be saved and completed in the future? Then you might want sonic log in bypass.
Is the sand thick bedded or thin bedded? If thin bedded you might want OBMI and RT scanner for thin bed analysis and best to tie to core.
Is there value in MDT in bypass for some mobility measurements (this might slide off the list).

So not easy to answer without some background.

Why not organize a quick 30minute review with Bruce, Jennifer, & me and can give you better answers?

Ramsey

From: Skripnikova, Galina
Sent: Wednesday, February 17, 2010 5:13 PM
To: Nelson, Jennifer L.(HOU); Fisher, Ramsey; Wagner, Bruce E
Subject: FW: Core Logs for Macondo
Jennifer, Bruce and Ramsey,

I have no much experience on timing of wireline logging in core borehole. Would be one day enough? Do you have any recommendation documents/best practices? Whom else should ask besides you?

Thanks,
Galina

From: Simpson, Brad
Sent: Wednesday, February 17, 2010 4:55 PM
To: Skripnikova, Galina
Cc: Bondurant, Charles H; Piccoli, Leonardo H; Zamorouev, Alexander V
Subject: Core Logs for Macondo
Galina,

We are writing the FM for the Macondo contingency core. One question that has come up is on the logging that you would want to do on the core borehole.

We currently are carrying one day of wireline logging in the core borehole. Do you agree with this? Also what suite of logs would be standard in a core borehole.

If for some reason the core borehole logs show significant differences from the original hole, are there additional logs that you would want to run? If so, what logs would those be and how much time should be budget for these additional logs?

We can talk tomorrow morning on this during the logging meeting at 8am, but I wanted to give you a heads up.

Thanks
Brad

Brad Simpson, P.E.
Lead Reservoir Engineer

GoM - Pompano
281.366.0945
brad.simpson@bp.com

CONFIDENTIAL

BP-HZN-2179MDL02393262