

From: Fleece, Trent J
Sent: Tue Oct 27 01:39:20 2009
To: Shaughnessy, John M.
Subject: RE: BOP testing
Importance: Normal

Alright, I talked to a couple people...maybe this is best to be left ambiguous with the MMS.

You are correct, the PPGF is equivalent MW, I consider EMW the same as DHEMW where you add in the compressibility to the MW curve to match the EMW PP curve.

Agree on permits, although, I've typically asked for exemption of 0.3 ppg MW below LOT value...so margin on the other side of the MW (vs some amount over PP). I have the Nakika H-2 exemption and approval for reduction in MW to LOT.

Usually this isn't an issue for me, but on this exploration well, our PP is high, our LOT is low, so its come to a head over the last 24 hrs...maybe worth sitting down with a couple DE's from different groups and discussing before talking with the MMS.....

Thanks
Trent

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

From: Shaughnessy, John M.
Sent: Monday, October 26, 2009 7:42 PM
To: Fleece, Trent J
Subject: RE: BOP testing

The PP/MW/FG curve is equivalent MW, not surface or downhole.

If the pore pressure is 12 ppg equivalent and the compressibility is 0.2 ppg, I think we should consider 12.3 ppg SURFACE to be 12.5 downhole.

We should be able to convince the MMS that compressibility exists and is constantly measured, therefore we know that ignoring the compressibility will result in additional overbalance.

I'll talk to Gavin about bringing this up tomorrow.

Meant to mention before that our permits say stay at least 0.5 above PP. I know Cobalt was told by Houma to stay 0.6 over PP.

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

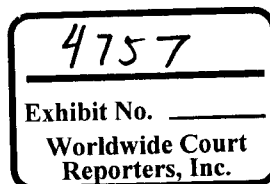
From: Fleece, Trent J
Sent: Monday, October 26, 2009 7:08 PM
To: Shaughnessy, John M.
Subject: RE: BOP testing

You're the well ctrl guy...what do you recommend.....

All the pore pressure is downhole equiv, why wouldn't we always send DHEMW? The surface stuff is just the mud guy so he can mix something in the pits.....

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

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BP-HZN-2179MDL03065183

From: Shaughnessy, John M.
Sent: Monday, October 26, 2009 6:26 PM
To: Fleece, Trent J
Subject: RE: BOP testing

We are going to talk about the drops model. Where we thought the casing would fall, compared to where it actually fell.

Look at your permit. Ours spells out to have MW no less than 0.5 ppg more than pore pressure. We did get approval to get within 0.3 last week when we thought we'd be losing mud if went to 0.5 over.

We really need to get our story straight on this surface vs. downhole MW.

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

From: Fleece, Trent J
Sent: Monday, October 26, 2009 6:21 PM
To: Shaughnessy, John M.
Subject: RE: BOP testing

What are you guys going to review?

Had 2 things come up on this well that I'm curious about - not that you have to ask, but if you can slip it into the conversation -

- how much mud weight deviation from the APD/program can we do without MMS notification. 0.5 ppg isn't written anywhere but people have talked about that as a value
- how does the MMS view the 0.5 ppg margin...ie, different teams quote surface and downhole values for PP, FG, LOT and MW...some teams quote Surface MW (SMW) and use DHLOT per the DW LOT standard....I don't know...may want to avoid talking about it, might draw attention to it. I would assume, that you should always use the same 2 numbers, ie, quote everything in surface (including the PPFG curve from G&G). I personally always use DHEMW, MW, LOT & PPFG. Not have exploration does it....

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

From: Shaughnessy, John M.
Sent: Monday, October 26, 2009 6:11 PM
To: Fleece, Trent J
Subject: RE: BOP testing

No, I hadn't seen that. Thanks.

Actually, going to see MMS tomorrow. Houma district.

John

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

From: Fleece, Trent J
Sent: Monday, October 26, 2009 6:07 PM
To: Shaughnessy, John M.
Subject: FW: BOP testing

I'm sure you saw the note below...MMS 21 day...

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

From: Gray, George E
Sent: Monday, October 26, 2009 3:52 PM
To: Haffle, Mark E; Fleece, Trent J; Morel, Brian P; Little, Ian; Sims, David C
Subject: FW: BOP testing

FYI

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

From: Douglas, Scherie D
Sent: Friday, October 23, 2009 12:14 PM
To: Hill, Perry L; Guide, John; Gray, George E
Cc: Halverson, Teri; Grant, James R
Subject: BOP testing

I just spoke with Mike Saucier about the meeting MMS had yesterday to discuss granting departures for a 21 day testing period. They have decided they will not grant any departures at this time, but Bill Hauser is going to start working on a trial period and what that would look like.

The feeling was, with a new administration, MMS is hesitant to jump to 21 days without the trial period in case something happened and what the ramifications of that would be.

Mike felt like Bill would start working on putting together a trial right away but he didn't know any exact time frames. I think it will happen eventually, but it is going to take some time.

Let me know if you have any questions.

Scherie Douglas
Sr. Regulatory Specialist
BP America

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