
From: Joe Dean Thompson
Sent: Sunday, May 23, 2010 6:19 PM
To: Pat Campbell; David W Moody; David Barnett
Cc: Freddy L. Gebhardt
Subject: RE: BP

I believe all of us (WWCI) believe the way to go is:

Emergency diverting / production through the full BOP capping stack until the relief well(s) can intercept and kill

But we have seen that option be totally disregarded for pumping / cementing option with open BOP at the ML. So working under those parameters:

It certainly would be preferable to cap and have positive control at the BOP, if one was just insistent on doing a bullhead kill / cement operation. Although I don't believe that option is the first or second choice of anyone at WWCI.

Joe Dean

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From: Pat Campbell
Sent: Sunday, May 23, 2010 5:51 PM
To: David W Moody; David Barnett; Joe Dean Thompson
Cc: Freddy L. Gebhardt
Subject: RE: BP

A minor point.....Does that mean cap and be ready to divert **before** cementing anything?

Otherwise I don't see how one knows anything about what's being done and where it's going for sure.

The other main consideration is that if the constriction pathway has not been sealed totally, there is at least some likelihood of seawater contamination to the cement being pumped.

Even at pump pressures (injection pressures) => the seawater hydrostatic there are ways that seawater can be educted into the flowpath.

Pat Campbell

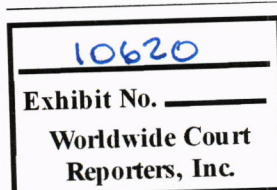
Executive Vice President

Technology Solutions Group

Superior Energy Services, Inc.

From: David W Moody
Sent: Sunday, May 23, 2010 2:44 PM
To: David Barnett; Joe Dean Thompson; Pat Campbell
Cc: Freddy L. Gebhardt
Subject: RE: BP

I'm a bit out of the mix here on the Q4000 about exactly what the mix in our cocktail will be but during the planned top kill procedure in Houston the final decision was to cement the well. It was discussed at length by many that if the well



WW-MDL-00064211

was killed (static) that one could continue to keep the hole full & remove the LMRP & install a capping stack or remove the riser & install a stack on the LMRP. Of course not knowing where your cement would be going & the volumes in fact going down hole or whatever path our (WWCI) decision was to cap the well & be able to divert if necessary.

Regards,

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From: David Barnett

Sent: Sunday, May 23, 2010 1:13 PM

To: Joe Dean Thompson; Pat Campbell

Cc: David W Moody; Freddy L. Gebhardt

Subject: RE: BP

Plans are slowly bending around to be all 16.4 ppg mud. We have around 18,000 bbls of each kind of mud (+/- 9,000 bbls each on Centerline & 9,000 bbls each on Strongline).

dB

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From: Joe Dean Thompson

Sent: Sunday, May 23, 2010 1:06 PM

To: Pat Campbell

Cc: David W Moody; Freddy L. Gebhardt; David Barnett

Subject: RE: BP

Sorry David,

I did go on a bit of a tirade, but it does sound familiar, not sure where but I'm sure I've heard it somewhere before.

Seriously, my original intention was to let you know what was discussed in our review of the cementing plan at WL4 yesterday. Of course without regard for any preconditions, which is belaboring to all members of the group as I'm sure

you are all too aware. Chris Murphy is convinced that 14.2 to the ML and SW above will not create a balance or overbalance to the critical depths. But evidently they have more 14.2 than any other weight mud.

Does the kill plan still contain a slug of 16.4 followed by the 14.2 or has it been revised?

Has your group been asked about possibly capping if the well can be made to not flow at the ML/Riser?

Just curious based on yesterday.

Thanks,

Joe Dean Thompson

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From: Pat Campbell

Sent: Sunday, May 23, 2010 10:27 AM

To: Joe Dean Thompson

Cc: David W Moody; Freddy L. Gebhardt; David Barnett

Subject: Re: BP

No shit, don't hold back Joe Dean. I wish I had your ability to express my own view of this plan in such a restrained and convincing manner.

Pat

Sent from my iPhone

On May 23, 2010, at 7:46 AM, "Joe Dean Thompson" <jthompson@wildwell.com> wrote:

As you hide offshore! Communist Dog! ☺

They drug me down to "Never Never Land" yesterday. My head still hurts.

This pumping BS feels a lot more political driven than anything. Bad Idea.

FYI. I told them yesterday that by some extreme miracle the well stops flowing to the ML after they pump some amount at whatever MW 16.4 or the 14.2; (If they do wind up trying this Hail Mary, and I DON'T recommend it, they should only do it with the 16.4 ppg mud)

They should be standing ready with both the Enterprise to pull the LMRP and the DDII with full SS BOP stack w/ WWCI guide to cap the original BOP.

Then and only then think about cementing.

If they are determined to pump cmt with an open BOP then picking a number like 650 bbls cmt volume is BS; it should go like this: (similar as to what we did in Kz)

Get to the point where the 16.4 WBM has stopped all flow at the ML

Determine how much rate we must pump to keep the hole full to the ML with the 16.4 assuming it is losing downhole somewhere

Cement should be Thixotropic must have the ability to pump close to the rate at which we can pump mud (10 bpm, like they were telling me yesterday is not near enough)

Start with 16.4 cmt and pump at a rate that is high enough to force a small loss of cmt out the riser leak paths so we have a positive understanding that no SW contamination of our cmt is taking place

Pump cmt until we get a positive indication that the cmt getting out and away from the downhole wellbore path to the formation (wherever that may be) is slowing and the cmt is building a bottom to push on; should see increase cmt going out at the riser due to the well not taking it as a stable column is built

Pump rate will be close to what the rate was at which the mud was pumped; as 700 to 1000 maybe more bbls of cmt have been pumped the rate will be reduced

At some point you will just have to stop and hope for the best (A really FU "planned step")

By the end of the day it sunk in with a couple of the guys in the review, as to the advantage of "overkill" cmt volume due to the vast downhole unknowns.

As bad as what I have just described is due to lack of positive control of the cement, what was already so-called "planned" was worse as it called for a specific volume of 650 bbls, instead for pumping the most you could possibly get into the well and into the formation depths that are exposed via the unknown paths.

The assumption that there is less than 1 sqin of flow path area through the BOP is wishful thinking. They are working the effects of larger orifices' but I'm betting that throws the numbers upwards an order of magnitude.

The more I write the more preposterous it seems. I certainly hope they have some kind of definitive information not shared with us that supports attempting this attempted bullhead.

Bewildered,

Joe Dean Thompson

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VP, Well Control Operations

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<image001.jpg>

From: David W Moody
Sent: Sunday, May 23, 2010 6:52 AM
To: Joe Dean Thompson
Subject: RE: Black Brush Oil & Gas

Are we busy or what?

David Moody

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Manager, Well Control Operations

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<image001.jpg>

From: Joe Dean Thompson
Sent: Sunday, May 23, 2010 6:50 AM
To: WCS
Subject: Black Brush Oil & Gas

Please see report attached

Regards,

Joe Dean Thompson

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VP, Well Control Operations

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