

From: Corser, Kent
Sent: Fri Jun 25 17:03:09 2010
To: Morten Haug Emilsen
Subject: ACTION - Dynamic Simulation Report
Importance: Normal
Attachments: image001.jpg; image001.jpg

Morten,

We need some help with an update on the dynamic model. Are you available now or is there someone else who could run the model? We have a sand at 17,467' MD that is 2' thick 14.1 ppg and classified as GAS and would flow. Want to see how that fits to at least start the kick.

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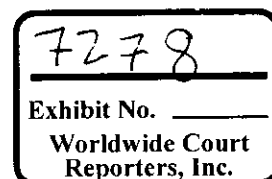
From: Morten Haug Emilsen [mailto:Morten.Haug.Emilsen@addenergy.no]
Sent: Thursday, June 10, 2010 7:40 AM
To: Corser, Kent
Subject: RE: Dynamic Simulation Report

Got ya,

5.5 times higher volume at 1100 psi than downhole.

Regards
Morten

From: Corser, Kent [mailto:Kent.Corser@bp.com]
Sent: 10. juni 2010 14:34
To: Morten Haug Emilsen
Subject: RE: Dynamic Simulation Report



The actual N2 is 53 bbls at 1100 psi. This was injected at surface. Per CSI it is around 8-10 bbls down hole.

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From: Morten Haug Emilsen [mailto:Morten.Haug.Emilsen@addenergy.no]
Sent: Thursday, June 10, 2010 7:31 AM
To: Corser, Kent
Subject: RE: Dynamic Simulation Report

Kent,

Just to clarify, 60 bbl at surface (1 atm) would be approximately 400 times less in volume down hole.
Hence 60 bbl at surface would only be 0.15 bbl at downhole conditions.

Best regards

cid:3310015153_18375562

Morten Haug Emilsen
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From: Corser, Kent [mailto:Kent.Corser@bp.com]
Sent: 10. juni 2010 00:16
To: Corser, Kent; Morten Haug Emilsen
Subject: RE: Dynamic Simulation Report

Morton - Also would like to model N2 breakout at TD. If I had 60 bbls at surface the down hole volume would be about 10 bbls. Given this can you create chart that would show pressure increase as N2 rises vs time?

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From: Corser, Kent
Sent: Wednesday, June 09, 2010 1:08 PM
To: 'Morten Haug Emilsen'
Subject: RE: Dynamic Simulation Report

Morten - hope the vacation is going well. A few questions. Based on your model. When would (time) expect the hydrocarbons to reach the well head/BOP. We are trying to get an idea of when it was too late to recover from a shut in.

Are you sure the bled down from 21:36 to 21:38 is at the surface? If we had gas at the BOP and annular leaked would you not see that drop?

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From: Morten Haug Emilsen [mailto:Morten.Haug.Emilsen@addenergy.no]
Sent: Wednesday, June 02, 2010 5:11 PM
To: Corser, Kent
Subject: Dynamic Simulation Report

Kent,

It has been a pleasure working for you, your team and the rest of the Investigation Group.
Keep up with the good work, but do not forget to tell some jokes in-between ;-)
I like your sense of humor, and I'm confident that the other guys here do agree.

Should there be any questions, do not hesitate to send me an email or give me a ring
(be aware of the time difference, Cannes is 7 hours ahead ;-)

I believe I'll be back during the summer as we also are involved in the Relief Well Kill team.
See you then.

Talk to you later,
Morten
Best regards,

cid:3310015153_18375562

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