

From: Lockett, Tim
 Sent: Fri May 28 11:02:52 2010
 To: Hill, Trevor
 Cc: MC252_Email_Retention; Davies, Simon; Chapman, Richard G
 Subject: RE: CFD Heat Transfer Model Case 30a - 10,000 bpd flow to assess Hydrates via CFD of BOP stack placement
 Importance: Normal
 Attachments: Hydrate.txt

Trevor

The CFD result for this case gives a big lift in terms of confidence in the OPGA results which lead to the discussion last Friday.
 Essentially the CFD case shows a strong water entrainment, giving low temperatures in the BOP riser and the knock on is diluting the MEG below the point where it can inhibit hydrates at these conditions. (The actual water ratio in the CFD case is yet to be confirmed.)

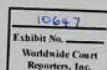
From: Chris Matice [mailto:Chris.Matice@stress.com]
Sent: 27 May 2010 20:34
To: Simpson, Richard; Wellings, James S; Lockett, Tim
Cc: Khanna, Samir; MC252_Email_Retention; Turnbull, Jon B; Hill, Trevor; Harbinder Pordal; Paul, Anup K (Stress Engineering Services Inc)
Subject: CFD Heat Transfer Model Case 30a - 10,000 bpd flow to assess Hydrates via CFD of BOP stack placement

best regards

Tim

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Richard, James and Tim:



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BP-HZN-2179MDL06109063

BPD407-050418

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