

From: Winters, Warren J
Sent: Thu Jul 27 16:22:21 2006
To: Butler, Carl H
Cc: Burns, Tim A; Douglas, Scherie D
Subject: Follow-Up to DW Horizon BOP Tests
Importance: Normal

Carl,

Here is a follow-up to let you know how it went during my recent visit to DW Horizon. Please forward as appropriate.

Digital BOP Testing worked very well both on surface manifold and subsea BOP tests. Potential 'critical path' time savings totaled 4.9 hrs on the subsea BOP tests. This would translate to greater time savings when operating at greater water depths. Potential time savings was 2.6 hrs on the surface manifold tests. While time saved on surface manifold tests does not necessarily carry the same dollar value as time saved on subsea BOP tests, surface manifold tests can be done more efficiently with Digital BOP Testing with reduced personnel exposure to pressure and reduced wear/tear on equipment.

We showed the complete set of results to MMS on Tuesday this week which really helped to make our case for proposing that BP start using Digital BOP Testing on DW Horizon effective Jan. 2007. Fresh results make the story that much more convincing. Scherie Douglas expects an MMS response to our proposal yet this week and we will advise you of that when known.

Following 24 hrs. of BOPE testing we spent 2 hrs. on simulating a leak but unfortunately ran out of time. There were no flights the next day so I could not stay any longer and will want to return to DW Horizon to complete those tests. These can be done independent of BOPE testing as long as the cementing unit and kill line are available. I realize we should do this soon as the rig is about to operate riserless for awhile.

We were able to safely create small leaks at the cementing unit and gauge the leak rate by timing the fill-up of a 5 gal. bucket. A 0.25 gpm leak is a small trickle but is obvious on a pressure chart. We got an example of that but will want to try an even smaller leak that is difficult to see on the chart but hopefully will be detected by Digital BOP.

I appreciate your support and that of the Bonsai ops. team especially Ronnie Sepulvado and Dwight Nunley. Transocean subsea, Halliburton cementing and Sperry INSITE. This all adds up to an ideal situation on DW Horizon to accomplish new drilling technology.

We will present a summary at an upcoming DW Bi-Weekly Info Sharing Mtg. If your team would like more detail than the 10-min. version we will be glad to provide that at one of your meetings so please advise.

Warren J. Winters

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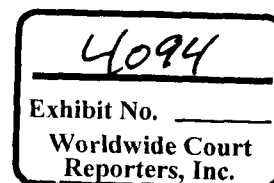
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