From: MacKay, John (Aberdeen)
Sent: Wednesday, May 26, 2010 4:50 PM
To: Kidd, Gavin N; 'andrew.frazelle@bp.com'; 'Wellings, James S'; 'Heironimus, Mark B (LEWCO INTEGRATED TECH SYSTEMS)'; Blue, Mike (Houston); Turlak, Rob (Houston); Sneddon, Iain (Aberdeen); Cameron, Dave (Aberdeen); 'kgirlinghouse@wildwell.com'; Curtis, Charles; Olsen, Asbjorn (Stavanger); Boughton, Geoff (Houston); Redd, Eddy (Houston)
Subject: DDII BOP Modifications Workscope

Attachments: image002.gif; image003.gif; image001.wmz; image002.gif; image003.gif

Gents,

DDII BOP workscope to pass onto the rig teams – see previous e-mails below.

DDII Workscope will only commence on completion of surface pressure testing and acceptance testing to MMS requirements – with BOP in standard arrangement.

BOP Changes required:

Remove the existing Test Rams from lower cavity and install Shear Rams into lower cavity. Included with this is the requirement to change seal plate etc… rig should know what is involved.

Relocate the existing Pressure / Temperature sensor into one of the spare outlets below the lowest ram cavity (where we are fitting the Shear Rams into).

Install 2 x Failsafe valves and 45 degree upwards facing outlet hub onto existing spare outlet Choke side below VBR rams (5 ½" X 7 5/8" VBRs), the outlet hub will have a CIW #6 hub with AX gasket prep.

Install support mechanism for the above newly installed dual failsafe valves – without creating access issues for installation of Coflexip hose to the CIW #6 hub at a later date. This Coflexip hose will be attached to a seabed manifold system to allow venting of excess pressure from the wellbore.

Install ROV panel for operation of newly installed 2 x Failsafe valves.
Newly installed Shear Rams in the lower cavity need to be included into the existing BOP ROV panel to allow closure of these Shear Rams using ROV in the event of an emergency / loss of control hydraulics etc…

Perform repeat surface pressure test of newly installed equipment and any connections broken to accommodate same.
Perform function test of newly installed ROV panel functions recording times etc…
Additional requirements for MMS approval / sign off etc…???

Can we sense check the above items and add comments or anything I may have missed and share with the rig team to allow 'real times' to be applied and included into any schedule etc…

Regards,

John Mackay

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DOCUMENT(S) PREPARED IN ANTICIPATION OF LITIGATION

From: Frazelle, Andrew E [mailto:Andrew.Frazelle@bp.com]
Sent: 24 May 2010 17:40
To: Wellings, James S; Kidd, Gavin N; Sneddon, Iain (Aberdeen); MacKay, John (Aberdeen); Thierens, Harry H
Subject: RE: DDII BOP Stack - Change Out BOP Test Rams For Blind Shear Rams

Jim,

Thanks for clarifying the requirements for the blind / shear rams. Please forward a detailed list of modifications / changes / enhancements that are currently being planned for the DDII stack to enable subsea venting. I understand that the list could be dynamic and subject to change, however we need a starting point for conversation with the rig.

In order that we all fully understand the requirements for and demands placed on the rig, we need to have a single point of contact for the rig. I recommend that the single point contact be Gavin Kidd, with me as a CC on all requests and e-mails. Based on the conversation in the meeting this morning and the need for clarity of timing and schedule, I am afraid that we are throwing out times that the rig may not be able to deliver to. We need to put together a list of requirements and scope of work and then let the rig come back with a realistic schedule based on the offshore capabilities.

We need to continue to work the "what ifs" and contingencies through John and Iain so that the rig is not unduly distracted from its ongoing activities., however when priorities and plans emerge that needs to be implemented, this needs to be worked through Gavin and Mike Blue, the DDII Rig Manager. Gavin and Mike can also work through the issues of MMS acceptance of the changes and any necessary certification that may be required, once the changes are made, prior to splashing.

Let me know how I can help with the interfaces to the DD!!,

Andy

From: Wellings, James S
Sent: Monday, May 24, 2010 10:17 AM
To: Kidd, Gavin N; Frazelle, Andrew E; Sneddon, Iain (Aberdeen); MacKay, John (Aberdeen); Thierens, Harry H
Subject: DDII BOP Stack - Change Out BOP Test Rams For Blind Shear Rams

Based on discussions and reviews of the DDII BOP stack subsea venting option, BP is recommending changing the current ram configuration on the DDII from test rams in the lowest ram to blind shear rams. This would be a contingency to shut the well in if the subsea vent line cuts out during subsea vent to a manifold.

John and Iain, could you find out if the B/S rams and seals etc are availble, timing for installation, and approval from TOI.

Thanks

Jim Wellings

Wells Team Leader

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