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Sent: Wednesday, October 19, 2005 5:15 PM
To: Coltrin, George
Cc: spizaljj@bp.com
Subject: Proposed Negative Test

Attachments: Proposed Negative Test Procedure.doc

George,

Here is a procedure for performing the negative. We would like to incorporate the negative test into the displacement. From an operational standpoint this procedure makes the test much faster and easier to perform vs. performing it with base oil where the base oil has to be reversed out and then handled on the surface.

The issue that has come up in the past with performing the negative test down the choke or kill lines is the shear rams are not designed to hold pressure from the top. There is a potential to wash the top seals on the B/S rams if pressure is applied. This has never happened on the Horizon but other rigs in our fleet have experienced this problem.

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Proposed Negative Test Procedure

1. POOH to place drill string at the depth of the surface cement plug.
2. Pick-Up cement stand with side entry sub installed. Install chocks and line from side entry to reverse out line.
3. Pump water base spacer down drill pipe followed by sea water. Displace total drill string volume with sea water.
4. Close lower rams (test rams). Bleed off differential pressure on drill pipe through reverse out line.
5. Observe well desired amount of time to ensure a no flow.
6. If no flow is observed. Close reverse out line and place differential pressure back on drill pipe.
7. Open lower rams.
8. Displace choke, kill and boost lines with seawater.
9. Continue displacement down drill pipe and when seawater is above the BOP's bring boost pumps on line to aid in displacement.
10. After displacement is complete proceed with setting surface cement plug.

Note: Water depth on Bonsai Well will only create a differential pressure in the 1400 to 1500 psi range which will be fine to bleed off with a low torque valve. In the past where deeper water and higher differential pressure is concerned we have rigged up a Haliburton squeeze manifold to bleed off the differential on the drill pipe.