

From: Bodek, Robert
Sent: Tue Mar 09 05:10:27 2010
To: Paine, Kate (QuaDril Energy LT); Lacy, Stuart C (QO Inc.); Hafle, Mark E
Subject: Fwd: Macondo kick
Importance: Normal

FYI

Begin forwarded message:

From: "Bodek, Robert" <Robert.Bodek@bp.com>
Date: March 8, 2010 11:09:34 PM CST
To: "Jonathan M Bellow" <Jonathan.Bellow@bp.com>, "Charles H Bondurant" <Charles.Bondurant@bp.com>, "Bryan Ritchie" <bryan.ritchie@uk.bp.com>, "Galina Skripnikova" <Galina.Skripnikova@bp.com>, "Paul J Johnston" <Paul.Johnston@bp.com>, "Pierre-Andre Depret" <Pierre-Andre.Depret@bp.com>, "Martin L. Albertin" <Martin.Albertin@bp.com>
Subject: Fwd: Macondo kick

Subsurface meeting at 0700 hrs tomorrow morning. Currently shut-in. Took a kick at 13,250. Please see below.

Begin forwarded message:

From: "Lacy, Stuart C (QO Inc.)" <Stuart.Lacy@bp.com>
Date: March 8, 2010 10:50:23 PM CST
To: "Bellow, Jonathan M" <Jonathan.Bellow@bp.com>, "Bodek, Robert" <Robert.Bodek@bp.com>
Cc: "Paine, Kate (QuaDril Energy LT)" <Kate.Paine@bp.com>
Subject: Macondo kick

A summary of what we know so far about the kick:

- We cut a thin (<5ft) sand with 2.5 ohmm resistivity at 13,250' md at 21:40 hrs
- ECD went from 12.40 ppg to 12.30 ppg over 30 mins
- The active pit system gained 30 bbls in 30 mins
- The flow out went from 1300 gpm to 1485 gpm in 30 mins
- We had 2 possible connection gases - 118 / 50 units @ 12,938' md & 128/50 units @ 13,070' md although both these depths have associated sands
- There was no background gas increase (though gas was higher as the section is sandier)
- There was no indication from sonic or resistivity of suddenly increasing pore pressure

The likely culprit is the thin HC sand @ 13,250' as all the events started occurring as soon as this depth was drilled - all this is quite clear from the time log. Kate will forward the shut-in pressures when we get them.
Stuart Lacy



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