

From: "Merrill, Robert C" <Robert.Merrill@bp.com>
Sent: Friday, July 16, 2010 12:44:33 PM
To: "Paul A Hsieh" <pahsieh@usgs.gov>
CC: "Tooms, Paul J" <paul.tooms@uk.bp.com>; "Yeilding, Cindy" <Cindy.Yeilding@bp.com>;
"MC252_Email_Retention" <MC252_Email_Retention@bp.com>; "Brookes, David"
<david.brookes@uk.bp.com>
Subject: RE: email

To confirm our phone call:

The measured compressibility is 6×10^{-6} psia⁻¹, based on sidewall cores.

Your static gradient of 0.25 psi/ft agrees with my "simple" calculation (0.2497 psia/ft).

But, I'm converting to WHP based on the work of our flow team, which is ~3290 (subtracted from sandface pressure) for static conditions and no crossflow. At rate, the correction is ~3600 psi.

Bob

Bob Merrill

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From: Paul A Hsieh [mailto:pahsieh@usgs.gov]
Sent: Friday, July 16, 2010 11:19 AM
To: Merrill, Robert C
Subject: email