

From: Alberty, Mark W
Sent: Thu Mar 25 14:35:42 2010
To: Albertin, Martin L.; Sant, Randall
Subject: RE: LOT Data from the Cement unit
Importance: Normal

Marty,

Hafle had talked to me about it. I find it most interesting that it appears to break flat as opposed to break downward. That suggests that it is not having to penetrate a higher stress zone to reach a lower far field stress zone. That is consistent with the sort of thing we see when we think we have horizontal induced fractures. You might look at the resistivity log to see the height of the induced fracture. If it is very short then...

Perhaps you actually measured overburden.

Mark

From: Albertin, Martin L.
Sent: Tuesday, March 23, 2010 5:21 PM
To: Sant, Randall; Alberty, Mark W
Subject: FW: LOT Data from the Cement unit

Randall, Mark:

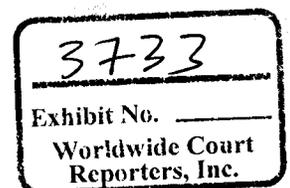
We got a leakoff well above overburden at our last shoe.

13 5/8" shoe at 13145' TVDKB (at M72 approx), with only 5' of rat hole.
Drilled to 13160' and performed LOT.

Estimated OBG @ 13150 = 14.5 PPG
Shale PP = 12.3
Brumfield FG = 14.1
Poisson's Ratio FG = 13.9

Been scratching my head as to the origin:

option 1: not a valid LOT, somehow performed another casing test?
option 2: OB-PP models wrong (tough to get OB and PP high enough to explain the test)



option 3: tectonic effects (we are between salt bodies, but they are far away (4-6 miles) and only normal faulting is observed)

option 4: tensile strength (seems far fetched given a likely high poisson's ratio shale)

Any ideas? We have been discussing an open hole LOT (with much opposition) as a possible option if we want to drill deeper than the current plan of 15000'.

Marty

ps - at Yumuri, further south, and much closer to salt, at M66, the deepest reported LOT of 14.9 vs 14.5 OBG

From: Jesse Gagliano [mailto:Jesse.Gagliano@Halliburton.com]
Sent: Tuesday, March 23, 2010 3:32 PM
To: Bellow, Jonathan M
Cc: Albertin, Martin L.
Subject: RE: LOT Data from the Cement unit

Attached is the data. Let me know if you need it in a different format. Thanks!!

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From: Bellow, Jonathan M [mailto:Jonathan.Bellow@bp.com]
Sent: Tuesday, March 23, 2010 2:18 PM
To: Jesse Gagliano
Cc: Albertin, Martin L.
Subject: LOT Data from the Cement unit

Jesse: Good Afternoon. Can you send Marty and I the digital data from the cementing unit for the 13 5/8 inch LOT from Macondo. Thanks

Jon

Jonathan M. Bellow

Operations Coordinator

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