

From: Bellow, Jonathan M
Sent: Sat Apr 03 15:01:04 2010
To: Albertin, Martin L.; Bodek, Robert; Bondurant, Charles H; Bennett, Gord (Q0 Inc.); Paine, Kate (QuaDril Energy LT); Skripnikova, Galina
Subject: FW: My conversation with Mark alberty - more evidence to possibly include shale (marl) as the issue
Importance: Normal

From: LeBleu, John B
Sent: Saturday, April 03, 2010 9:32 AM
To: Guide, John; Morel, Brian P; Bellow, Jonathan M; Hafle, Mark E; Walz, Gregory S; Cicales, Brett W
Subject: RE: My conversation with Mark alberty

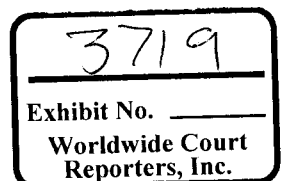
Also in review of the mud report and conversation with Doyle Maxie, the PPT is low, the Stacked Sieve test shows 16 ppb background LCM and they were adding 500 pounds per hour background LCM (same as last interval). So all of this would indicate we are sealing the sands and lead us in the direction of shale being the problem. Because we are ballooning and not in a severe mud loss situation we should be able to drill with reduced pump rate and reduced ECD (mud is on the thin side (good)).

John LeBleu
Drilling Fluids Engineer
BP GOM - Drilling Excellence
BP: 281-366-4015
Cell: 713-503-2257
lebleujb@bp.com
jlebleu@jlebleu.com

From: LeBleu, John B
Sent: Saturday, April 03, 2010 9:11 AM
To: Guide, John; Morel, Brian P; Bellow, Jonathan M; Hafle, Mark E; Walz, Gregory S
Subject: My conversation with Mark alberty

Mark suggested we do a resistivity mad pass to identify where the fracture is. Had a good conversation with him, thinking is we are ballooning shale, fracture probably vertical and may cut across sand and shale. I asked about our LCM tools we have available (form-a-squeeze, form-a-set on rig, swell LCM, ez-squeeze at dock) and he had no solid recommendation with our available tools. He mentioned that shale has been shored up with resin and cement in test wells but has not been tried in an actual drilling situation.

My thoughts are if we see significant losses we go with Form-a-squeeze or the tandem Form-a-squeeze/Form-a-set depending on severity. If losses are not too bad and we think sand is involved (mad pass would be handy) we can try the Form-a-squeeze first, if the losses are severe or we know shale frac is involved we should go with the tandem pill.



Our 84 ppb should provide at least a temporary solution to sand problems.

John LeBleu

Drilling Fluids Engineer

BP GOM - Drilling Excellence

BP: 281-366-4015

Cell: 713-503-2257

lebleujb@bp.com

jlebleu@jlebleu.com