

From: Morel, Brian P
Sent: Mon Apr 05 16:38:33 2010
To: Sant, Randall; Albertin, Martin L.
Cc: Alberty, Mark W; Bodeck, Robert; Bellow, Jonathan M; Zhang, Jianguo X.; LeBleu, John B
Subject: RE: Macondo Sand pressures
Importance: Normal

Yes we had losses. I am getting accurate numbers from the rig, will send them out once they call me back.
Brian

-----Original Message-----

From: Sant, Randall
Sent: Monday, April 05, 2010 11:24 AM
To: Albertin, Martin L.; Morel, Brian P
Cc: Alberty, Mark W; Bodeck, Robert; Bellow, Jonathan M; Zhang, Jianguo X.; LeBleu, John B
Subject: RE: Macondo Sand pressures

Brian,

In reference to the two sands packages that Marty mentions in his note, did we have lost circulation in them? If so, can you quantify the lost volume? If they have had losses, a StressCage implementation may not work as expected.

Thanks

Randall V. Sant

PPFG Specialist
Exploration and Production Technology Group
Drilling Team - Houston

Direct: 281-366-8886
Mobile: 713-244-4869
Email: santrb@bp.com

-----Original Message-----

From: Albertin, Martin L.
Sent: Monday, April 05, 2010 11:20 AM
To: Sant, Randall
Cc: Alberty, Mark W; Morel, Brian P; Bodeck, Robert; Bellow, Jonathan M
Subject: Macondo Sand pressures

Randall,

Brian Morel mentioned you might want the latest surprising data from Macondo (see attached PPFG plot).

We have collected two Geotap pressure measurements, and both look to be valid. The deeper measurement at 18079' TVDKB is in a sand lobe just above the main sand lobe we drilled yesterday. The deeper low pressure sand appears to be the problematic one, and the most likely candidate for yesterday's loss event. There is a thicker lobe of sand less than 50 ft deeper than the deepest geotap pressure measurement - tool died while attempting to measure its pressure. I assume it will have a similar pressure

Our KB=75'

TVDS	TVDKB	PPG	PSI	FG (est)	OB
17722	17797	14.15	13082	13460	14835
18004	18079	12.58	11815	13912	15136

Let me know what other data you might need.

CONFIDENTIAL

EXHIBIT # <u>1569</u>
WIT: _____

BP-HZN-2179MDL00832745

Marty

Martin L. Albertin
Geophysical Advisor
BP Deepwater Exploration
281-366-7153
albertml@bp.com

CONFIDENTIAL

BP-HZN-2179MDL00832746