

From: LeBleu, John B
Sent: Sun Apr 04 14:44:28 2010
To: Zhang, Jianguo X.; Alberty, Mark W
Subject: Fwd: Macondo Update 5am
Importance: Normal

Sent from my iPhone

Begin forwarded message:

From: "Bennett, Gord (QO Inc.)" <Gord.Bennett@bp.com>
Date: April 4, 2010 4:57:01 AM CDT
To: "Albertin, Martin L." <Martin.Albertin@bp.com>, "Arca, Serkan" <Serkan.Arca@bp.com>, "Bellow, Jonathan M" <Jonathan.Bellow@bp.com>, "Bennett, Gord (QO Inc.)" <Gord.Bennett@bp.com>, "Bodek, Robert" <Robert.Bodek@bp.com>, "Boesiger, Todd " <Todd.Boesiger@bp.com>, "Bondurant, Charles H" <Charles.Bondurant@bp.com>, "Cocales, Brett W" <Brett.Cocales@bp.com>, "Decalf, Carole" <Carole.Decalf@bp.com>, "Depret, Pierre-Andre " <Pierre-Andre.Depret@bp.com>, "Guide, John" <John.Guide@bp.com>, "Hafle, Mark E" <Mark.Hafle@bp.com>, "Johnston, Paul J (Houston)" <Paul.Johnston@bp.com>, "Lacy, Stuart C (QO Inc.)" <Stuart.Lacy@bp.com>, "LeBleu, John B" <John.LeBleu@bp.com>, "Lundquist, Jason J" <Jason.Lundquist@bp.com>, "McAughan, Kelly" <Kelly.McAughan@bp.com>, "Morel, Brian P" <Brian.Morel@bp.com>, "Nguyen, Binh Van" <binh.nguyen@se1.bp.com>, "Paine, Kate (QuaDril Energy LT)" <Kate.Paine@bp.com>, "Piccoli, Leonardo H" <Leonardo.Piccoli@bp.com>, "Reiter, Doris" <Doris.Reiter@bp.com>, "Ritchie, Bryan" <bryan.ritchie@uk.bp.com>, "Scherschel, Craig" <Craig.Scherschel@bp.com>, "Simpson, Brad" <Brad.Simpson@bp.com>, "Sims, David C" <David.Sims@bp.com>, "Skripnikova, Galina" <Galina.Skripnikova@bp.com>, "Vinson, Graham (Pinky)" <Graham.Vinson@bp.com>, "Zamorouev, Alexander V" <alexander.zamorouev@uk.bp.com>
Subject: Macondo Update 5am

Status: Drilling 8 1/2 x 9 7/8" new hole
Hole Depth: 18,082' md
TVD Depth: 18,071' tvd
WOB: 9 - 12 klbs
RPM: 117
Torque: 13 - 16 k
Flow In: 420 gpm
Riser Flow: 600 gpm
ROP: 50 to 70 ft/hr
MW: 14.3 ppg
ESD/ECD: 14.53 ppg / 14.87 ppg
Est. PP: 13.9 ppg / 14.2 ppg Sandstone



Last survey: Incl: 0.62° Azi: 19.34° 18,003' md 17,992.1' tvd

Bkgd Gas: 35 units

Produced Gas: 525 / 14 units Lagged to 17,835' and came in to wellbore with the return of the ballooning mud

Bottoms Up: 228 mins

Gas Show: no new shows

Lithology:

17,835'™ – 17,860'™ md

80% SHALE: medium grey to medium grey brown, moderately hard, very calcareous, silty in part. Abundant LCM

20% SANDSTONE: white to light grey, very fine to fine grained, well sorted, poorly consolidated, moderately cemented with calcite, poor to fair porosity, no fluorescence or cut.

17,860'™ – 17,835'™ md

100% SHALE: medium grey to medium grey brown, moderately hard, very calcareous, silty in part, thin Siltstone stringers. Abundant LCM

Paleo: M56 @ 17,740' md

Comments: While decreasing the MW to 14.3 ppg and circulating the 14.5 MW out of the hole, there was mud taken by the formation. After the 14.3 ppg was around, the pumps were shut off and the flowback was monitored. Mud did flow back to the well. When that mud was circulated to surface at 02:30, there was a gas peak of 525 units. Currently the gas has dropped to drilling background of 30 units. The drilling is getting rougher with more torque due to the increase in thin sands we are encountering.

We have not encountered the target sandstone as of 18,080' md.

Gord Bennett

Wellsite Geologist

Macondo MC252 #1

Deepwater Horizon

281-366-7744