

From: Ronald Sweatman
Sent: Tue Jun 01 12:32:05 2010
To: Thomas Roth; James Bement - VP Sperry PSL
Subject: RE: Horizon SDL EOWR
Importance: Normal
Attachments: MC252_001_ST00BP01_EOWR.doc

Tommy,.....To my knowledge, it measures the BHP regardless of the source (HH or PP). Let's ask James Bement to help us understand.

James,.....Please see emails below and p.49 in Sperry's EOWR report attached. Please comment on the 14.2 ppg EMW from Sperry's PWD tool. Could the 14.2 indicate a HH needed to balance to gas zone PP that also can be ppg pore pressure?

From: Thomas Roth
Sent: Tuesday, June 01, 2010 12:00 PM
To: Ronald Sweatman
Subject: RE: Horizon SDL EOWR

I don't know Ron.

What does PWD report? Hydrostatic or formation pressure?

BP E&C Committee Briefing of 5-24-10 says "14.2 PPG MW", "13.0 PP Sand at 17,821', and 12.6 PP Pay zone fm 18,083' to 18,136'."

From: Ronald Sweatman
Sent: Tuesday, June 01, 2010 11:51 AM
To: Thomas Roth
Subject: RE: Horizon SDL EOWR

Tommy,

Page 49, 2nd paragraph says the following:

"Circulated bottoms up at 18360' md (TD). Trip gas was 1120 units (37%) with a low mud cut of 13.7-ppg from 14.0-ppg. Pumped 100 bbl HI-VIS sweep and circulated 1-1/2 bottoms up. Gas down to +/-70 units before shutting pumps down. Shut pumps down to take static density with Sperry PWD. Pumped up ESD of 14.2-ppg EMW with Sperry PWD. Shut down and pumped up second static density of 14.19-ppg EMW with Sperry PWD. Took SCRs before pumping out of hole."

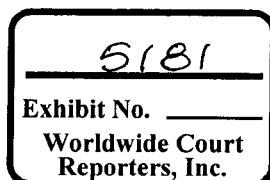
Could this be why Shell said the HP gas zone was 14.2 ppg pore pressure?

Regards,
Ron

From: Thomas Roth
Sent: Tuesday, June 01, 2010 11:32 AM
To: Ronald Sweatman
Subject: FW: Horizon SDL EOWR

From: John Gisclair
Sent: Friday, May 21, 2010 12:16 PM
To: Thomas Roth

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Subject: Horizon SDL EOWR

Tommy,

Pages 47 and 49 summarize the rat hole and reaming runs.

Let me know if you need anything else.

John

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