

From: Peijs, Jasper
Sent: Tue Jul 06 05:43:24 2010
To: Conn, Iain C; Daly, Mike (SJS); O'Sullivan, Mike
Subject: Re: Macondo formation pressure
Importance: Normal

Meant to say difficulty around the kill procedure for the relief well is 3 fold....

Rest of email is valid

Apologies

Jasper

Jasper Peijs
Executive Assistant Mike Daly

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

From: Conn, Iain C
To: Peijs, Jasper; Daly, Mike (SJS); O'Sullivan, Mike
Sent: Tue Jul 06 06:32:43 2010
Subject: Re: Macondo formation pressure

Jasper, this is enough. Tks. I wasn't asking about top kill, but about what the shut-in pressure would be below the stack.

Iain

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

From: Peijs, Jasper
To: Conn, Iain C; Daly, Mike (SJS); O'Sullivan, Mike
Sent: Tue Jul 06 06:12:02 2010
Subject: Re: Macondo formation pressure

Iain

Difficulty around top kill is 3 fold

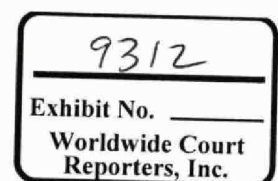
- 1) We don't know the flow rate - the flow rate determines the rate we have to pump the kill mud at.
- 2) We don't know the flow path; up the production casing, the annulus or both. This also has an impact on the required pump rate
- 3) We have no riser on top of the Macondo well. We will have to counteract the lower gradient of the 5000' water column (in a riser this would have been filled with mud) by filling the rest of the well bore with 14.1 ppg mud to kill the 12 ppg reservoir pressure.

The actual reservoir pressure is north of 12000 psi and due to the gradient you only need a 10k stack. This from memory which I can look up back at the office if you like.

Please call my mobile if you would like to discuss.

Jasper

Jasper Peijs
Executive Assistant Mike Daly



CONFIDENTIAL

BP-HZN-2179MDL05828123

XAK004-106625

TREX 009312.0001

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

From: Conn, Iain C

To: Daly, Mike (SJS); O'Sullivan, Mike; Peijs, Jasper

Sent: Tue Jul 06 05:04:24 2010

Subject: Macondo formation pressure

Mike, Jasper,

What's the formation pressure of Macondo and have we been public about it? I have an interview in China this afternoon (your first thing) and I'm trying to find a simple way of explaining difficulty to plug.

I was going to say "over 10000psi" and therefore stopping the well from the top you must have a solution which can withstand approaching 10000lbs. I just wanted to get the data right.

I seem to recall 11000 might be right, with BOP rated at 15k?

Iain

CONFIDENTIAL

BP-HZN-2179MDL05828124

XAK004-106626

TREX 009312.0002