

From: Ray Merewether [Ray_Merewether@seektech.com]
Sent: Friday, July 30, 2010 8:17 PM
To: SCHU
Subject: trusting BP

Right. I predicted on May 25 that:

"This morning I had given up on doing anything with the mud kill data and began to think about the junk shot. I think that there is so little flow resistance in the BOP + LMRP + riser, that the straight mud kill has almost no chance of working. So I think that it is 99% certain that the dynamic kill will go forwards and then 99% certain that mud alone won't work. Then in the heat of the battle, the decision will be made to do the junk shot. That is just the way the politics is going to play out. So while we have seen detailed analysis of the test mud flows and the dynamic kill itself, I have seen no analysis or decision tree for the junk shot and yet it is very probably going to be done."

Tom Knox assured me:

From: Knox, Tom [mailto:knoxt@bp.com]
Sent: Tuesday, May 25, 2010 7:42 AM
To: Ray Merewether; Richard L Garwin
Cc: Arun Majumdar; Keese, David L; George Cooper; Harold Brown; John Holdren; Fleckman, Kim B.; Hurst, Kathleen T; Marcia McNutt; Tatiro, Marjorie (Sandia National Laboratories); Dick Garwin; Rod O'Connor; Steven Chu; Alexander Slocum; Alex Slocum; Bickel, Thomas C; Hunter, Tom; MC252_Email_Retention
Subject: RE: The junk shot

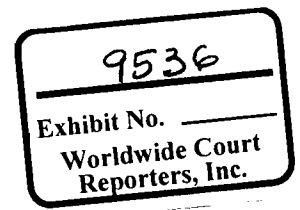
Dear all,

The Junk shot is no longer on the flow sheet. It is not an option under consideration.

Regards,

Tom

The rest is history. They lie.



From: SCHU [mailto:SCHU@hq.doe.gov]
Sent: Friday, July 30, 2010 4:50 PM
To: Richard L Garwin
Cc: Majumdar, Arun; Carol Browner (carol_m._browner@who.eop.gov); Blankenship, Douglas A; Poneman, Daniel; George Cooper; hunsaker61@comcast.net; Holdren, John (John_P._Holdren@ostp.eop.gov); Kate Moran; Hurst, Kathy; 'Marcia K McNutt'; Ray Merewether; Dykhuizen, Ronald C; OConnor, Rod; Black, Stephen J; slocum@MIT.EDU; Slocum, Alexander; Ken Salazar (slv@ios.doi.gov); Thad. Allen (thad.allen@dhs.gov); Hunter, Tom (Sandia); 'Marcia K McNutt'; Wieman, Carl E.
Subject: RE: Pressure rise during static kill?

Dick,

I pressed on this exact point today on the 9 am call. When BP was trying to sell us on the idea on 7-21-10 presentation, they showed only a minuscule rise in pressure. When presses this morning as to why they were asking for 1000 psi increase in pressure, they said something to the effect that, in their experience, it sometimes took an additional 600 psi to get the flow of HCs back into the reservoir, and because of that they needed 1000 psi head room.

Sometimes they seem to change "facts" to suit their purposes. Recall their change of the rock compressibility from 12 to $6 \times 10^{(-6)}$ psi⁻¹ to get a lower flow rate.

...not the kind of behavior that builds trust.

Steve

Steven Chu
Department of Energy

From: Richard L Garwin [mailto:rlg2@us.ibm.com]

Sent: Friday, July 30, 2010 7:08 PM

To: SCHU

Cc: Majumdar, Arun; Carol Browner (carol_m._browner@who.eop.gov); Blankenship, Douglas A; Poneman, Daniel; George Cooper; hunsaker61@comcast.net; Holdren, John (John_P._Holdren@ostp.eop.gov); Kate Moran; Hurst, Kathy; 'Marcia K McNutt'; Ray Merewether; Dykhuizen, Ronald C; OConnor, Rod; Black, Stephen J; slocum@MIT.EDU; Slocum, Alexander ; Ken Salazar (slv@ios.doi.gov); Thad. Allen (thad.allen@dhs.gov); Hunter, Tom (Sandia)

Subject: Pressure rise during static kill?

Dear Colleagues,

Here is what BP provides in the Static Kill Overview of 07/21/10:



And here is the corresponding curve from BP response report of 07/27/10



So why are we considering a limit of 8000 psi on the capping stack instead of, say, 7300 psi?

And if a pressure higher than 7300 psi is anticipated, why is it not shown on these graphs?

Dick Garwin