

From: Lynch, John E Jr. (Jack)  
Sent: Sun May 16 20:08:10 2010  
To: Rainey, David I  
Cc: Suttles, Doug J

REDACTED

Privileged, Redacted

Regards,

Jack

**John E. (Jack) Lynch Jr.**

Global Exploration and Production  
Global Supply and Trading  
US General Counsel  
501 WestLake Park Boulevard  
Houston, TX 77079  
Tel: +1 281 366 1500  
Fax: +1 281 366 4505  
Mobile: +1 713 417 0744

---

**From:** Peijs, Jasper  
**Sent:** Sunday, May 16, 2010 3:02 PM  
**To:** Lynch, John E Jr. (Jack)  
**Subject:** FW: Macondo Oil Rate

---

**From:** Mason, Mike C  
**Sent:** 15 May 2010 07:38  
**To:** Inglis, Andy G (UPSTREAM)  
**Cc:** Peijs, Jasper  
**Subject:** Macondo Oil Rate

I just read an article in CNN (May 14, 2010 1:00pm) stating that a researcher at Purdue believes that the Macondo well is leaking up to 70,000bopd and that BP stands by a 5,000bopd figure. With the data and knowledge we currently have available we can not definitively state the oil rate from this well. We should be very cautious standing behind a 5,000 bopd figure as our modelling shows that this well could be making anything up to ~100,000 bopd depending on a number of unknown variables, such as: flow path either through the annulus behind the production casing or through the production casing float shoe, the height of reservoir exposed, if drill pipe is suspended in the BOP and sealed by VBR rams, reservoir skin damage, choking effects and etcetera. We can make the case for 5,000bopd only based on certain assumptions and in the absence of other information, such as a well test.

Mike Mason PE

Vice President, Base Management



BP Exploration & Production Technology

Contact Details

Office - 281 504 2227

Cell - 713 301 3745