## 141784.1.1

From: bill.lchr@noaa.gov
To: "Marcia K McNutt" <mcnutt@usgs.gov>
Ce:
Bec:
Date: Sun, 01 Aug 2010 02:41:08 AM
Subject: Re: Flow Rate Calculation
Attachments: Considering the uncertainties we have in determining the other oil budget terms. I think that the DOE estimates for flow are satisfactory. The 53 k bbl/day at shut-down seem pretty solid. As you point out, if we use the WHOI liquid-jac pritos, then the Plume Tearn numbers are commandled with the area tracked.

From: bill.lehr@noaa.gov
To: "Marcia K McNutt" <mcnutt@usgs.gov>

Cc: Bcc:

Date: Sun, 01 Aug 2010 02:41:08 AM Subject: Re: Flow Rate Calculation

Attachments:

Marcia,

Considering the uncertainties we have in determining the other oil budget terms. I think that the DOE estimates for flow are satisfactory. The 53 K bbl/day at shut-down seem pretty solid. As you point out, if we use the WHOI liquid-gas ratios, then the Plume Team numbers are compatible with the new standard. I would like to see more details someday on the 4% reduction due to riser impedence (as compared to the BP guess of 20%) and justification for the use of a different compressibility than the reported value of 6.

> > Sent: 07/31/2010 03:19 PM AST > To: 'OCconnor, Rod" > Cc: "hunsakerfol@comcast.net"; "Hunter, Tom > (Sandia)"; Marcia McNutt; "Ken Salazar > (dv@ fois odi, gov)" > Subject: RE: Flow Rate Calculation > I am OK. Tom, Marcia and Ken should weigh in. > Steven Chu NOA017-0000 TREX-141784.0001