From: Peijs, Jasper
Sent: Mon May 10 14:14:07 2010
To: Suttles, Doug J
Cc: McMahon, Shiva P
Subject: Worst Case Scenario Data

Dear,

Here are some basic facts:
- Since the filing of the permit (LP), we have seen the following:
  - Reservoir permeability measured as normal, 200 eDarcy, no evidence of a top reservoir.
  - Previous measurements of the well-head suggest a smaller than expected reservoir.
  - The oil density is 0.93 (based on actual API gravity) and reservoir pressure is estimated to be 1800 psi.

We have run two reservoir models based on mass balance:

Both models have been run to 120 days after the spud of the 2nd relief well (forecast to be May 14th/15th)

**Model 1:**
- Worst case model: unconstrained flow, zero skin, no BOP, initial flow rate of 55,000 bopd
- Cumulative flow from this case is 7.2 mmbo

**Model 2:**
- Our most likely case with initial flow rate of 5,000 bopd
- Cumulative flow from this case is 0.7 mmbo