
From: Shaughnessy, John M. [John.Shaughnessy@bp.com]
Sent: Thursday, April 22, 2010 12:59 AM
To: William Burch
Subject: RE: OLGA-ABC Simulation Run Snapshot (WWCI 2010-116)

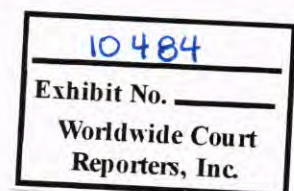
Thanks. We'll re-visit in the morning. That number is going to be high focus in the morning.

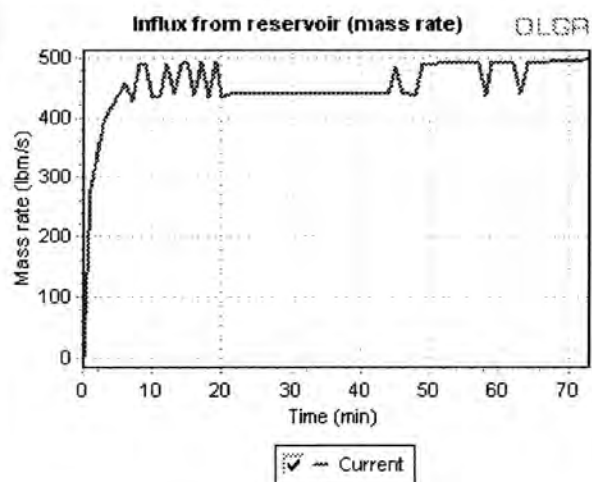
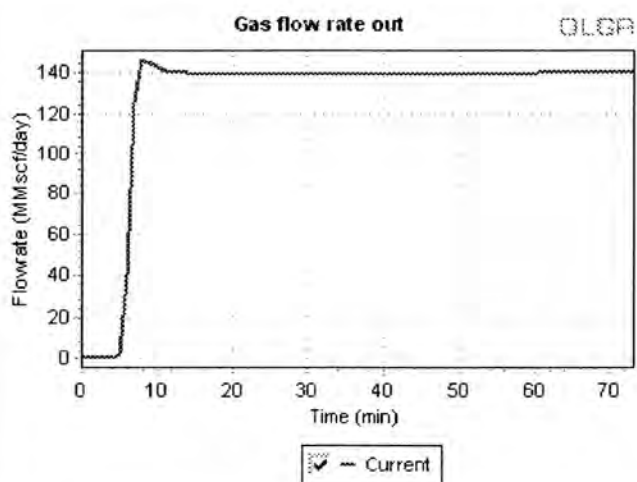
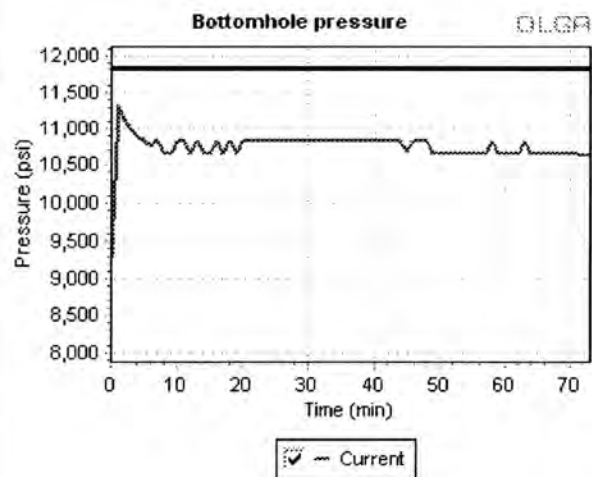
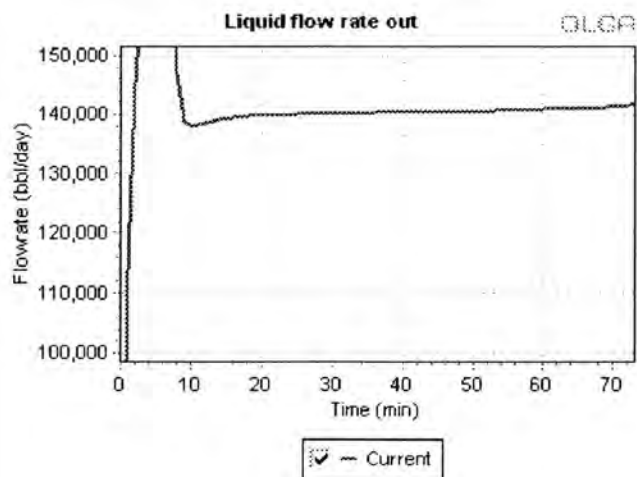
John

From: William Burch [<mailto:bburch@wildwell.com>]
Sent: Thursday, April 22, 2010 12:50 AM
To: Shaughnessy, John M.
Cc: Murphy, Christopher (Wild Well Control, Inc); Roland Gomez; David W Moody; JORTNER, SCOTT (Wildwell); Kerry L. Girlinghouse; Mike Cargol
Subject: RE: OLGA-ABC Simulation Run Snapshot (WWCI 2010-116)

Here's the OLGA-ABC model results for the worst-case scenario of flowing up the 7" x 9-7/8" casing and exiting at the seafloor with no drillpipe in the hole. In essence, the depths were all moved up 4,992 ft so that zero was the seafloor.

I need to think about the results more before we run with the numbers – it makes sense that the mass influx rate from the reservoir has declined as we have 2,232 psi hydrostatic pressure from the water column (assuming 8.6 ppg with 4,992 ft.) But the liquid flow rate out is identical. The gas rate of course is less because we are closer to the bubble point and the gas isn't lifting the oil out as much as in the previous case. I'll visit with Kurt in the morning to confirm my assumptions and we'll tweak with Reservoir and Geology as well. My brain isn't thinking clearly at the moment.





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"Experience Makes The Difference"

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