
From: Ratzel, Arthur C

Sent: Sunday, July 11, 2010 9:14 PM

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Cc: Hunter, Tom; Ratzel, Arthur C; Chavez, Anne K; Tatro, Marjorie; 'perfect1@llnl.gov'; Girrens, Steven P. (LANL)

Subject: Urgent Request for Flow Analysis supporting well integrity tests

All

At the science call tonight a request was made to get the flow analysis team ready to make estimates of the flow that will support the upcoming well integrity tests. The configuration in schematic is attached showing the relative locations of the choke valve and pressure transducer to be used in the test; a photo showing the whole apparatus is also attached with the small diameter pipe section comprising the choke geometry. The choke valve has 18 set positions with effective flow area and Cv data provided in the 3rd attachment. The well integrity test will be staged such that flow areas and pressure data will be collected and available for your prediction of the flow conditions.

The Science team would like the flow analysis team to stand-up their models to support pre-test and real time test analysis . Please acknowledge you have received this email in the morning. Feel free to establish some baseline estimates to test out your models beforehand. This has the full attention of Sec Chu and Tom Hunter.

Thanks for your support in this matter

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