modeling the flow from the Well immediately following the blowout."36 To the

in the well. As Dr. Lockett testified at his deposition, his work was intended to explore how data concerning fluid, velocity, temperature, and pressure could potentially be linked in order to estimate flow rates from the Well, Lockett Tr. at 155:5-20: Ballard Tr. at 118:4-20.

Contrary to Dr. Wilson's suggestion (Wilson Report, p. 20), in using the term "best estimate" to describe the work reflected in Ex. 9446. Dr. Lockett was not denoting his results as a reliable prediction of flow from the Well. As Dr. Lockett testified, a best estimate of flow could only be derived when there is corroboration between the different methods of estimating flow. Lockett Tr. 156:3-16. Dr. Lockett's work shown in Ex. 9446 showed no such corroboration.

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33 See note 29 above.

I disagree with the statement in Dr. Wilson's report that "BP began

Contrary to the claim in Dr. Wilson's report (see Wilson Report, pp. 11-12), 70,000 bond is not a "best estimate" of the daily discharge from the Well. Holt. Tr. at 266:2-270:22. The initial plan was for Stress Engineering to run sensitivity studies for assumed flow rates of 5,000, 10,000, 20,000, 40,000, 80,000, and 160,000 bond. Given the significant length of time (10-12 hours) required to complete each modeling run, a case of 70,000 bond, a number near the midpoint of the range of assumed flow rates, was selected as the first case. Stress Engineering was then asked to run cases of 35,000 and 17,500 bopd, reducing the total number of cases to be run (and computation time) by half. Ex. 9629. The results of the Stress Engineering modeling were shared with a group that included personnel from Transocean, Cameron, Oceaneering, and Wild Well Control, TRN-MDL-02950206-07.

Wilson Report, p. 7.

Wilson Report, p. 13.

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