

Summary points from the Kill the Well on Paper Discussion
18 May, 2010

Present at the review:

Kate Baker	John Benner
Bob Grace	Jon Sprague
Bill Kirton	Charles Morrow
Kurt Mix	Scott Perfect
Ole Rygg	Jim Redmond
Dan Wood	Mike Stone
Jack Bullman (NASA)	Derek Wapman
Curt Ammerman	Arun Majumdar (for part of the time)

Summary Points

- The need for accurate, low latency gauges and a system that permits rapid reaction of pumping operations to measured pressures was a point raised several times in discussion.
- Modeling indicates that a that a dynamic kill can be achieved for a well flowing oil at a rate of 5000 STBpd if the pressure in most of the flowing wellbore is above the bubble point
- Modeling indicates that a dynamic kill cannot be successfully executed if the oil flow rate is 15000 STBpd
- Knowledge of the flow rate is needed to form a view of the probability of success, as is knowledge of the position of flow restrictions.
- The dynamic kill operation is likely to put solids-laden fluid at a substantial rate through the BOP stack and riser, which may erode restrictions