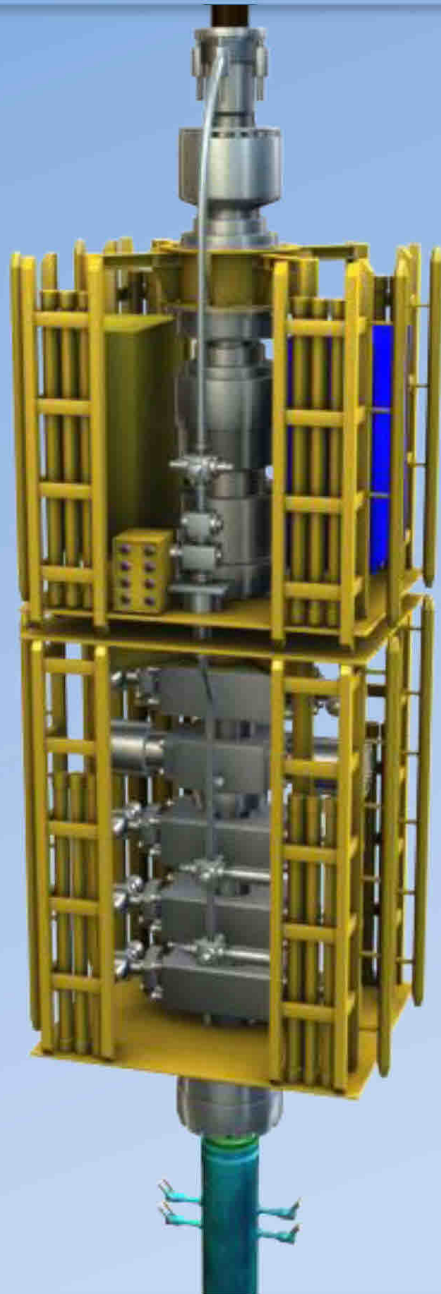


Top Kill Time Period

Lower Bound



Blowout Preventer

Mud injection point above Test Ram



- **Assume Only Mud Flows During Kill Time**
 - *Oil flow = 0*
 - *Lower flow results in overestimate of BOP resistance, and lower normal time flow*
- **Very Conservative**
 - *Pressure not sufficient to stop all oil*
- **43,000 sbopd**
 - *Lower bound*