

MPDSmartTM
Software



Get a real-time view of what is happening in your wellbore







MPDSmartTM real-time hydraulics for true constant bottom hole pressure control

Opla Energy Operation Mode: Not Drilling Well Depth 1000.5 BHP: 11578.6 Bit Depth SBP Limit: 12500 1000.5 8:06:49 AM 8:06:50 AM Pump Rate WITS Cement 8:06:51 AM 0.00 8:06:52 AM 8:06:55 AM SBP 8:06:56 AM 9:06:57 AM 9:06:58 AM 9:07:01 AM 9:07:02 AM 9:07:03 AM 168.0 9:07:04 AM 9:07:06 AM **Choke Operation Safety Settings** 9:07:07 AM **ICP ECD** 9:07:08 AM 1141.9 9:07:09 AM 9:07:10 AM kg/m3 BH P 11578.6 9:07:15 AM 9:07:16 AM 9:07:17 AM 9:07:18 AM BH ECD 11578.6 12500 Confirm 1180.1 Above kg/m3 EDR Time: 2020-10-30 15:07:20

Engineering Features

MPDSmartTM software is integrated with Opla's automated manifolds. We collect data from various points around the rig, every second, to calculate a real-time, accurate pressure profile in the wellbore. This data is used to automatically control the reactions of our electric chokes.

- Integrated Hydraulics Model
- Real Time Surge & Swab
- SBP High Limit
- Kick & Loss Detection
- Multiple Pressure Control Modes
- Downhole Mud Tracker

Hardware Integration







On-site data is uploaded to Opla's cloud database continuously. This data can be accessed for real-time & past operations and utilized to improve future operations.

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