SPE WORKSHOP

15 March 2018
Houston, Texas, USA
Host: Southwestern Energy

Making Actionable Information and Automated Decisions from Real Time Drilling Data

Mark W. Anderson

GM Drilling Mechanics Technologies – Shell

Vice-Chair of SPE'S Drilling Systems Automation Technical Section (DSATS)



Further reading

- Sheridan-Verplank Scale of levels of automation
- Smart Kick Detection First Step on the Well-Control-Automation Journey SPE/IADC 173052
- Next-Generation Kick Detection During Connections: Influx Detection at Pumps Stop (IDAPS) Software – SPE-178821
- Applying Real Time Data Analytics to Early Detect Underreamer Failure
 During Hole Enlargement While Drilling at Deepwater Gulf of Mexico OTC paper 27575-MS
- Real-Time Bit Wear Monitoring and Prediction using Surface Mechanics
 Data Analytics: A Step Toward Digitalization Through Agile Development –
 IADC/SPE 189602-MS

SPE-GCS Annual Drilling Symposium 2018