API Standard 53 Update
January 2020

5th Edition – Published Dec 18, 2018

-Well Control Equipment Systems for Drilling Wells

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5th Edition Summary

- Overall structure change
- Focus on normative statements
- Design requirements passed to SC16 Specification Docs
- Testing Criteria and Frequencies in tables in Annex C
- Added bolting requirements to follow SC16 specifications
- Focus on Land BOPs - Surface BOP Pressure Requirements
- BOP selection relies on MASP instead of RWP
- Allows for pad drilling testing to remain on 21 day cycle when moving BOPs from wellhead to wellhead
- Revised Drawdown test results to include MOP
5th Edition Summary

• Land BOP Shear Ram Requirement
  • 5th Edition BSR requirement for land rigs remained for 10,000 psi MASP wells and higher (4th Edition)
  • Industry agrees to launch study on thru-drill string blowouts for possible 6th Edition revision
    • Seeking interest and volunteers for 2Q20 start
  • Risk Assessment Requirement for Surface BOPs
    • RA shall be performed to determine if BSR is required on Land Operations (for wells under 10,000 psi MASP)
    • Added specific list of elements to be included in the risk assessment
S53 Path Forward

- Work Group will focus on RFI’s submitted for 5\textsuperscript{th} Edition
- 1Q20/2Q20: TG will create specific subgroups to:
  - analyzing well control event data
  - analyze equipment reliability data
- No set task group meetings