API WIWC TG-5

API Spec 16B Work Group

Chairman – Alex Sas-Jaworsky P.E
Vice Chairman – Steve Deshotels
Secretary – Volunteers?
API Spec 16B Tentative Title
“Manufacture of Coiled Tubing, Snubbing and Wireline Well Control Stack Equipment”
Well Control Equipment to be Included in New Specification

- Coiled Tubing
- Snubbing/Hydraulic Workover
- Wireline (Slickline and E-Line)
API Spec 16B to Incorporate API Spec 16A and API Spec 6A Manufacturing Standards Where Applicable
March 19, 2015 Spec 16B Mtg

- Framed-up Scope of Equipment Components to be Addressed
- Established Separate Work Groups to Identify Needs for Coiled Tubing and Wireline Equipment
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June 11, 2015 Spec 16B Mtg

- Worked Through API Spec 16A Section 4 as a Template for 16B
- Identified Need for Service and Performance Classifications for Well Control Component Actuators
2015 Summer 16B Activity

• Wireline and Coiled Tubing Groups
  Working to Define Actuator “Class”:
  • Class 1 – Slickline (Single Wire Strand)
  • Class 2 – Wireline (Braided Cable/Electric Line)
  • Class 3 – Coiled Tubing (Spoolable Tubing)
  • Class 4 – Snubbing (Jointed Tubing)
Current Activities

• Defined Scope of Equipment to be Monogrammable

• Establishing Manufacturing and Performance Criteria for Service “Class” Conditions
Challenges

• Bore Sizes for 16B Equipment will Encroach into Lower Range of 16A
• Rated Working Pressure and Bore Size for Some Wireline Equipment Not Consistent w/ 16A & 6A Standard
2016 Spring 16B Priority

• Section 4 Design Requirements to Address Specific Actuator Service with Defined “Class” Criteria

• Define Combined Axial/Compressive Loads Applied to Spools and Ram Body During CT & Snubbing Services
2016 Spring 16B Priority

• Work with RP 16ST Group to Define Performance Expectations & Testing for CT Well Control Stack Equipment

• Coordinating CT Well Control Stack Equipment Tests to Match RP 16ST