API WIWC TG-5

Well Intervention Well Control Task Group

2015 Summer Conference

API Spec 16B Development
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API Spec 16B Work Group

Chairman – Alex Sas-Jaworsky P.E
Vice Chairman – Steve Deshotels
Secretary – Currently Vacant
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Technologies Addressed

• Coiled Tubing
• Snubbing/Hydraulic Workover
• Wireline (Slickline and E-Line)
Standards Development

API Spec 16B

Specification for Coiled Tubing, Snubbing and Wireline Well Control Stack Equipment

First Edition
16B Work Group Membership

• Operators (2)
• Vendors (3)
• Manufacturers (8)
• Consultants (2)
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Scope of Manufacturing Spec

- Coiled Tubing, Snubbing, Wireline and Slickline Well Control Stack Components
- Equipment Exposed to Pressure and Well Fluids Throughout Intervention Service
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Components to Include

• Opposed-Rams (SBR, Pipe, Blinds, etc.)
• Stripper & Annular Assemblies
• Lubricators & Flanged Spools
• Flow Inlet/Outlet Crosses & Tees
• End Connectors & Quick Test Subs
Equipment Considerations

- ID Bore Range: 1-1/2” – 9” Nominal
- Pressure Range: Up to 20,000 Psig
- “Service Category” to Define Level of Performance and Testing Criteria
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“Service Categories”

• Snubbing Applications
• Coiled Tubing Applications
• Electric/Braided Wireline Applications
• Slickline Applications
• Polished Rod Stripper Ram
Spec 16B Development Plan

- Use API Spec 16A (4th Edition) as a Template to Develop Standard
- Enhance Equipment Performance Requirements to Meet “Service Category” Operating Conditions
Meeting Activities

- 1\textsuperscript{st} Work Group Meeting on March 19, 2015 (Feasibility)
- 2\textsuperscript{nd} Work Group Meeting on June 10, 2015 (Scope of Draft)
2015 Summer Activity

Work Group Confirming Scope of:

- ID Bore Sizes
- MAWP Ratings of Equipment
- Axial & Bending Load Conditions
- Surface Temperature Ranges
• Ad Hoc Groups Drafting Coiled Tubing & Wireline Equipment Manufacturing Specifications Based on “Service Category” Conditions