API 16A Status

- 3rd Edition / June 2004 / Effective Date: December 1, 2004
- Reaffirmed: August 2010
- Present Status: Under Revision
- Ballot Target Date: May / 2013
Discussion Topics

- Gas testing of BOPs
  - Currently being discussed in API 17G
  - Shaffer performed a gas test with smaller bore size BOP with positive results.
  - Low Pressure and High Pressure Gas testing for qualification purposes
- PSIA versus PSIG and PSID?
- Fluid compatibility for elastomers
- Qualifying high temp elastomers for steam
- Hub face separation on connectors
- Establish minimum design standards for blow out preventers
- Update temperature chart for blow out preventers
- Follow 17D verbiage on leakage criteria.
- Steam
- Geothermal
- Depleated fields
- Huff and Puff
- Different chemistry
- Sag D heavy oil
Hub Face separation
Fluid Matrix

- Temp
- Pressure
- Load path - dynamic or compressive
- Concentration of stuff
- Time
- Interface with energy rubber group
- Fluids drilling vs completion
- Gas-Methenal- Glyc
- Test plan which test need to be run tension imersion swell hardness compression set
- Acceptance do it pass or fail
- High temp steam
Discussion Topics

- Align with ST-53 on maximum operating pressure to be used in shearing
- Define verbiage on “HAZ” zone
  - NACE states 2mm / 6A states 2mm, 16A states 2mm but drawing shows 1.5mm
- Hardness test method (as relates to HAZ zone) Rockwell, Bernell, Vickers, etc. which is best?
- Table 26, should 25k and 30k ratings be removed? NO
- Bernelling of ring grooves, does this need to be addressed?
New Topics

- Closure bolting- Hardness testing max 35 rockwell C 5.3.3, 8.5.3
- Welding inspector