ESP Workshop

SPE International
Gulf Coast Section

2013 ESP WORKSHOP
The Woodlands Waterway Marriott Hotel, The Woodlands, Texas
Preliminary Agenda
Wednesday, April 24, 2013

Wednesday, April 24, 2013	
Session 1	**Session 1 - John Patterson / Jeff Dwiggins**
Time	**ESP Operations**
8:00	**KEYNOTE - Mike Mason (Apache)**
9:00	ESP Installation Strategy Well delivery efficiency without compromising ESP run life in the Forties Field UKCS
9:30	Artificial Lift ESP Solutions for the Unconventional Plays in Eagle Ford Shale
10:00	**Break**
10:30	Case study: Understanding and improving ESP Reliability in SAGD Wells with High Dogleg Severity
11:00	ESP Well Surveillance using Pattern Recognition Analysis-PDO
11:30	Benefits of Pump Friendly Wellbore Design in Directioal Drilling and Completions
12:00	
Session 2	**Session 2 - Keith Fangmeier / William Milne**
	Equipment and Hardware - Understanding the limits
1:00	Development of Advanced Electric Submersible Pumps to meet today's challenges
1:30	Seal Chamber Testing
2:00	Rotor Dynamic Characterization of an Electric Submersible Pump Motor
2:30	**Break**
3:00	Designing a Surface Horizontal ESP to Operate at 10,000 PSI for Lower Tertiary Miocene sand water flood in the Gulf of Mexico
3:30	Reducing Production Costs with Permanent Magnet Motor Electric Submersible Pumps
4:00	Practical guidelines for ESP Performance Improvement
Alternate 1	HPHPS Used to Support Shale Gas Fracturing in Horn River
Alternate 2	Power Saving in ESP Production
Breakout 4:30	**ESP cradle to grave. Chair - Leon Waldner**
	How does arc flash affect operational safety? Chair - Bill Bolin

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Thursday, April 25, 2013

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Session 3	**Session 3 - Ralph Harding / Nicole Jabsen**
Time	**Hot, Hot, Hot and Hot**
8:30	Got Steam - Understanding ESP Steam Handling Capabilities in the Centrifugal Pump
9:00	A case Study on ESP Gas-Locking Ride- through in SAGD Wells
9:30	Thermal Perf Testing of High-Temp ESP Motor for SAGD
10:00	**Break**
10:30	Expanding Horizons for High Temperature ESPs
11:00	High GOR Experience todate future High Gas Fields Development in PDO
11:30	Utilizing Gas Lift Valve to Prevent ESP Gas Lock
12:00	
Session 4	**Session 4 - Darryl Williams / Atika Al-Bimani**
	It's still a system !!!!!!!!!!
1:00	Power Quality Investigation Improves ESP Performance and Operational Safety in Williston Basin
1:30	ESP Rotor Bearing Failures & Fluting Phenomena
2:00	Advanced Signal Analysis of an ESP failure due to scale
2:30	**Break**
3:00	Subsea Boosting System in High GOR Gas/Oil Ration and Viscous Fluid aApplication - ESP Technology Maturation
3:30	Development of Petrobras Jubarte Field: From Project Basis to Operational Challenges and Solutions
4:00	ESP Vibration Monitoring: High Horsepower Deepwater Caisson ESP System
Alternate 1	Evaluation of ESP Vibration: Technical Process Versus Black Magic
Alternate 2	Implementation of New Seal Design to Improve ESP Performance in Corcel Field
Breakout 4:30	**New technology - solids, gas, cable and other issues!!!! Chair - Pat Underwood**
	Is your power quality causing motor failures? Chair - Keith Fangmeier

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Friday, 26 April, 2013

Friday, April 26, 2013	
Session 5	**Session 5 Co-chairs - Noel Putscher / Robert Lannom**
Time	**Innovative installations**
8:30	Gear Centrifugal Pump technology implementation in PDO
9:00	Review of ExxonMobil ESP Experience Offshore California
9:30	A Novel Approach to Retrofitting ESPs into Existing Subsea Wells
10:00	**Break**
10:30	FIRST SUCCESSFUL OFFSHORE INSTALLATION OF WIRELINE RETRIEVABLE ESP TECHNOLOGY
11:00	Downhole Oil and Water Separation- A New Start
11:30	**Wrap Up**
Alternate 1	FIRST ALTERNATIVE DEPLOYMENT OF ESP SYSTEM IN SOUTH America
Alternate 2	Artificial Lift Surveillance and Analysis Optimize Well Production and Reservoir Management of Oilfields in Angola