

# ESP Workshop



GULF COAST SECTION

- SESSION I**
- CO-CHAIRS: Noel Putscher, Gabriel Diaz**  
**Keynote Speaker: George Lindahl III,**  
Managing Partner – Sandefer Capital
- “The Formula for Success is so simple, so why don’t we get it?”**
- 1 **ESP’s: On and Offshore Problems and Solutions**  
James F. Lea – Texas Tech University, John Bearden – Centrilift, Adil Albusaidi, Hamood Rushaidi – PDO Oman
- 2 **Improving ESP Performance in Petroleum Development Oman (PDO)**  
Nasser Ahmed Al-Rawahy, Iqbal Sipra, Samuel Armacanqui – Petroleum Development Oman
- 3 **Investigation of a Problematic Well to Restore Production**  
H. Gai - BP
- 4 **Reducing Exploitation Time by Using ESP’s in Formations with Different Productivity Index**  
Javier Almeida – Pluspetrol Peru, Victor Villacorta – Centrilift Peru, Nestor Vilchez – Baker Oil Tools Peru
- SESSION II**
- CO-CHAIRS: Fred Painter, Jim Lea**
- 1 **Successful method to restart “A stuck ESP pump” in the PEMEX Ek-Balam Offshore Field**  
Antonio Rojas, Hermilo Ramos – PEMEX Ek-Balam, David Corona, Jose Vidal - Schlumberger
- 2 **Application Considerations for Variable Speed Drives**  
Allan Peats – Conoco Canada
- 3 **ELECTRIC SUBMERSIBLE PUMP Power Consumption Optimized with a Variable Speed Drive**  
Rod Kane – BreitBurn Energy, Tamara Lopez, Bell Pelton – Schlumberger Reda Production Systems
- 4 **Performance Testing of a Sine Wave ASD on Submersible Pump Applications**  
Kurt LeDoux – Toshiba Int’l, Bill Pelton, Richard Bristow – Schlumberger
- 5 **Medium Voltage Drives for Subsea Applications – Evaluation with 23.3km Cable Length**  
Alex McIntyre – TotalFinaElf, Jeremy Andrews, Glenn Davis, Peter Hammond, Mukul Rastogi – ASI Robicon
- SESSION III**
- CO-CHAIRS: Mark James, John Patterson**
- 1 **Putting Pressure on Production Shut Downs**  
Yasser K. Bangash, Malcolm Rainwater – Wood Group ESP, Steve Guillot – Formerly Texaco, Inc.
- 2 **Designing ESP’s for Wells with High Gas and Sand; Stag Field, Western Australia**  
Nick Muecke – Apache Energy, G. H. Kappelhoff, A. Watson – Schlumberger
- 3 **Application of the Electric Submersible Pump Recirculation System below Perforations in 5.5” Casing Wells in 25 de Mayo-Medanito S.E. Field, Argentina**  
S. J. Paez, Andres A. Steckinger – Perez Companc, O. R. Fullana, S. A. Pesek - Centrilift
- 4 **Microbiologically Influenced Corrosion of ESP Components (Case Histories)**  
D. L. Adams – BHI-Centrilift
- 5 **Asphaltene Alley – Improving ESP Run Life in a CO2 Flood**  
Matt Cumings – Schlumberger WCP Reda, Saul Tovar – Oxy Permian, Heathor Gregory – Hy-Tek Coating
- 6 **Use of Dual Capillary Injection Strings in ESP Cable to Improve Operations in a Difficult Well Environment**  
Gary Ohlman – Questar Operating, Robert Lannom, Royce Raddatz – Wood Group ESP
- SESSION IV**
- CO-CHAIRS: Steve Breit, Jack Blann**
- 1 **Two-Phase Flow Performance of Electrical Submersible Pump Stages – Experimental Investigation and Literature Review of Predictive Methods**  
Rui Pessoa – PDVSA-Intevep, Raghavan Beltur, Mauricio Prado – University of Tulsa
- 2 **ESP Complete Characteristics**  
B. Lyle Wilson - Centrilift
- 3 **Modeling and Testing Electrical Submersible Pump Motor Leads and Potheads – A Short Story**  
Robert Krush, Jeff Arnaud – Schlumberger Lawrence Product Center
- 4 **Emulsion Viscosity Testing with ESP’s**  
John C. Patterson – Phillips Petroleum, Joe Henry, Walter Dinkins – BH Centrilift,
- 5 **Downhole Oil Water Separation Systems – A Short Story**  
Yasser K. Bangash, Sarfaraz Jokhio – Wood group ESP, Marcello Reyna – Intevep PDVSA
- Alternates:**
- Determining Load Ratings for a Horizontal Pump Thrust Chamber**  
Steve Sakamoto - WoodGroup ESP
- SESSION V**
- CO-CHAIRS: Mike Parker, Lee Gillis**
- 1 **Thru-Tubing Conveyed ESP – First Installed Units at West Sak**  
Walter Dinkins – BH Centrilift, John C. Patterson – Phillips Petroleum,  
J. Ryan Dunn, Mavriky Kalugin, Jordan F. Wiess – Phillips Alaska
- 2 **Thru-Tubing Conveyed Progressive Cavity ESP Operational Issues – A Short Story**  
Walter Dinkins – BH Centrilift, John C. Patterson – Phillips Petroleum,  
J. Ryan Dunn, Mavriky Kalugin, Jordan F. Wiess – Phillips Alaska
- 3 **Tandem Upper Tandem ESP Motor System Increases Pump Capacity by 67% in Field Test**  
Dana Pettigrew – Nexen Petroleum, Bob Kipp – Canadian Nexen Petroleum Yemen