



**2001 ESP WORKSHOP
Adams Mark Hotel – Houston, Texas
Preliminary AGENDA**

Wednesday, April 25, 2001

**SESSION I – Harsh Environment
CO-CHAIRS: John Beardon, Mike Parker**

**Keynote Speaker: Peter Goode, Schlumberger Well Completions & Productivity
“Submersible Pumping Systems in Future Intelligent Fields”**

**Benefits from Installing The “Advanced Gas Handler”* in Conjunction with ESPs in Maxus SES Atti Field
Warren Johnston, Repsol YPF Maxus, Noel Pereira, Schlumberger-REDA**

BREAK

**The Application of ESP Motor in the Condition of the Fluid Velocity Lower than the Minimum on Motor
Housing-Shengli Oilfield, China**

Zhou Maoqun, Fu Mingsen, Hou Yunguang, Sun Zhenjiang – Rodless Pumps, Inc.

ESP Failure Reductions in a Field with C02 Flood

Mike McNeely, Schlumberger Reda Production Systems, James Payton, Nalco/Exxon Energy Chemicals,
Mark Giraud, Mike Winfield, Terry Funk, Oxy Permian

LUNCH

**SESSION II - Electrical Anomalies/Harmonics
CO-CHAIRS: Art Pena, David Winslow**

Application of ESP Technology in Alaska’s Cook Inlet; Reservoir and Electrical Challenges
Jeff Harris - Unocal Alaska, David Shipp – Cutler-Hammer

New Technology and Techniques allow the Restart of “Stuck Pumps” Eliminating the need for an Offshore Workover
Douglas Park, Kurnia Kusumamulya– Repsol YPF, Bill Barclay – Schlumberger Reda

BREAK

ESP Grounding – Review and Affirmation of Current Practice
Claude Lambert, Donald Kelly – A. Comeau & Assoc.

Subsea ESP Applications – Operational History, Lessons Learnt, Approach and Future Technologies
David Leslie – Schlumberger Reda

BREAK OUTS:

**Equipment Failures – Gas Handling – Unconventional ESP’s – Severe Environments – VSD’s
Poster Session -**

COCKTAIL PARTY



GULF COAST SECTION

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Thursday, April 26, 2001

**SESSION III – Improving Equipment Performance
CO-CHAIRS: John Ketchum, Mike Berry**

Remote, Automatic, Intelligent ESP Operations

Klaus Mueller – Petroleum Development Oman LLC, Steven Bernard – Worcester Controls,
Ken Booth – CAC, Jullian Cudmore – Phoenix Petroleum Services Oman, Cleon Dunham – Oilfield Automation
Consulting, Norman Ritchie – Centrilift, Peter Schmedling - CorrOcean

Evaluating Operating Factors that Affect ESP Performance

Steven Sawaryn – BP Amoco plc ,Earl (Bruce) Brookbank , David Zhu – Centrilift

ESP Failures – Can We Talk the Same Language?

Francisco J.S. Alhanati, Sandeep C. Solanki, Todd A. Zahacy – C-FER Technologies

Performance Benchmarking of ESP Installations

James R. Hogan – Schlumberger Reda

BREAK

Vibration: How can we use it to prolong runlife?

Alastair Baille – Engineering Insights, AJ (Sandy) Williams, Julian Cudmore – Phoenix Petroleum Services Oman

Low Cost, Miniaturised Digital Data Transmitter: A High Data Rate, Ground Fault Tolerant, ESP Power Line
Communications Solution

Mark Robertson – The Autonomous Well Company

LUNCH

Alternately Deployed Equipment

**SESSION IV – Equipment
CO-CHAIRS: Mark Johnson, Jack Blann**

Modeling the Dynamics of Heavily Loaded Shafts

B. L. Wilson, D. J. Brown and T. W. Shafer – Centrilift

Dual ESP Completions - the story so far.

Author: A.J. (Sandy) Williams

Sub-Surface Safety Systems for CT Deployed ESP's

Craig McKenzie Webster, Juan Jose Tovar Depablos – Innovative Engineering Systems, Ltd.

BREAK

BREAK OUTS:

**Equipment Failures – Gas Handling – Heavy Crude – Long Run Time – High Rate Pumps
Poster Session -**

COCKTAIL PARTY



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Friday, April 27, 2001

SESSION V – FIELD HISTORIES

CO-CHAIRS: Noel Putscher, Shauna Noonan

Technical Challenges and Solutions for Subsea ESP's in the North Sea: 2 wells tied-back 15 km to the Shell Gannet platform with flow co-mingled into one flowline
Grant Harris – Schlumberger, Peter Lowe, Philip Holweg – Shell U.K. E & P

Combined ESP/Auto Gas Lift Completions in High GOR/High Sand Wells on the Australian Northwest Shelf
K. J. Aitken – Apache Energy, Dr. J. C. Allan, A. D. Brodie, J. D. Holmes – Helix Well Technologies

Scale control in Submersible Units in El Trapijal Field

Authors: Gustavo Herderson CHEVRON SAN JORGE , Augusto

**Zubillaga CHEVRON SAN JORGE, Alejandro Suriano CHEVRON SAN JORGE, German Huber
SCHLUMBERGER REDA**

Industry Discussion of Breakouts

Gas Handling – Dave Carpenter, Shell

VSD's – Noel Putscher, El Paso Energy

Severe Environments – Dwight Chilcoat, & Mike Parker, Anadarko

Heavy Crude – Gabriel Diaz, Chevron - Venezuela

Equipment Failure – Sal Grande, MGD & Rod Storey, COPI

Maximizing Run Time – Pete Lowe, Shell

High Rate ESP's – Neil Griffith, Shell

Unconventional Installations & Applications – John Patterson, Phillips Petroleum

Closing Comments

BOX LUNCH