

Artificial Lift - ESP Troubleshooting

Date

30th June – 1st July 2024

Venue

Sharm El-Sheikh

Objectives :

- The participant will be able to evaluate the current production system of a well for efficiency, recognize and correct problems with equipment and operating procedures and design the most effective system for a producing well. electrical submersible pumps and sucker rod pumps lift System applications, design, installation, optimization & troubleshooting.

Participants :

- Engineers and field technicians who are responsible for the selection, operation and maintenance of ESP systems.

Contents :

- Introduction
- Artificial lift
- Well and Reservoir Inflow Performance
- Vertical Flow Performance
- Outflow Performance & Multiphase Flow
- Outflow Performance Prediction
- Deliverability vs Injection-Depth
- Water cut Effect
- Wellhead Pressure
- Artificial Lift Methods
- Electrical submersible pumps principle
- Operation principle and performance
- Surface and Subsurface Equipments
- Advantage & Limitations
- Continuous Flow Unloading Sequence
- Sucker rod pumps
- Operation and characteristics of sucker rod
- Equipments
- Mandrel
- Running tools
- Pulling tools
- Design and Installation
- Operation and Optimization
- Monitor lift performance
- Conduct well test and optimize artificial lifting on production wells.
- Well software model for production wells using Prosper.
- Evaluate gas lift problems and remediation.
- Perform design for gas lift valve arrangement on newly drilled wells.
- Well performance
- Troubleshooting

- Course summary .

To Register

- Please send an e-mail to :
info@atecu.org
- Or by Fax :
002 02 358 32 305
- Or by Tel & Mobile:
002 012 109 777 18
- Or through Web-site :
www.atecu.org
- Or send a mail to :
P.O. Box: 25 Haram
2023 – Giza –
EGYPT.

Fees

- 3800 USD

Timing

- 09:00 Am – 10:30 Am (Section One)
- 10:30 Am – 10:45 Am (Break)
- 10:45 Am – 12:00 Pm (Section Two)
- 12:00 Pm – 12:30 Pm (Break & Pray)
- 12:30 Pm – 02:00 Pm (Section Three)
- 02:00 Pm – 03:00 Pm (Lunch Break)

Language

- English & Arabic .