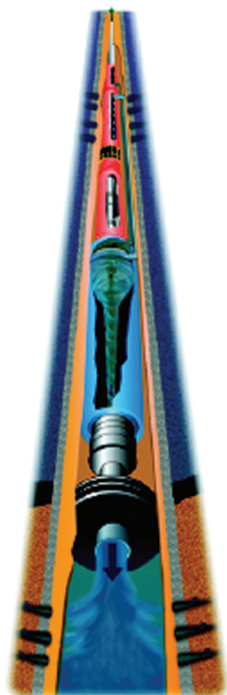


DHOWS—DOWNHOLE OIL/WATER SEPARATION SYSTEM COURSE



COURSE DESCRIPTION

C-FER Technologies has spearheaded downhole oil/water separation system (DHOWS) technology through its Joint Industry Project (JIP) since 1992. The knowledge gained in the JIP has been compiled into a comprehensive course on the implementation of hydrocyclone separator-based DHOWS systems.

The course provides a complete overview of the technology, from field and candidate well screening based on economic and technical criteria, to basic design and operation of the systems. In addition to the systems based on hydrocyclone separators, systems based on gravity separation and reverse coning applications are also discussed in the course.

WHO SHOULD ATTEND?

The course has been developed for personnel who deal with the design, implementation and operation of DHOWS systems. This includes field operators, completion and production technologists and engineers, and the staff of equipment manufacturers and vendors. Introductory material is included to accommodate participants with a limited knowledge of various pumping systems.

TOPICS

- Evaluating economics of DHOWS systems
- Guidelines for pool and well screening
- System design and implementation
- Review of the field experience from the initial prototypes and onwards
- Advanced topics such as Offshore Implementations, Dual Stage Separation and Desanding Systems

REGISTRATION

The course is open to all industry operators. Participants in C-FER's Downhole Oil/Water Separation (DHOWS) Joint Industry Project included...

- Alberta Department of Energy
- Amoco Exploration & Production Technology Group
- Anderson Exploration Ltd.
- Aramco Services Company
- ARCO Exploration and Production Technology
- BP Exploration Operating Company Limited
- Baker Hughes Inc.
- Canadian Natural Resources
- Canadian Petroleum International Resources Ltd.
- Chauvco Resources Ltd.
- Chevron Petroleum Technology Company
- Conoco Inc.
- CS Resources Ltd.
- Den norske stats oljeselskap a.s.
- ELAN Energy Inc.
- Gulf Canada Resources Ltd.
- Imperial Oil Resources
- Instituto Mexicano Del Petroleo
- Marathon Oil Company
- Maxus International Energy Company
- Morrison Petroleums Limited
- Norcen Energy Resources Limited
- Norsk Hydro a.s
- PanCanadian Petroleum Limited
- Penn West Petroleum Limited
- Petrobras
- Petro-Canada
- Saga Petroleum a.s.
- POCO Petroleum Limited
- REDA
- Renaissance Energy Limited
- Phillips Petroleum Company Norway
- Schlumberger
- Shell International Exploration & Production B. V.
- Talisman Energy Inc.
- Texaco Inc.
- Tri Link Resources Limited
- Wascana Energy Inc.