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jh

This may also be of interest

Field Development
Planning

Well Productivity
Optimization

Waterflooding from A to
Z

Description

Well Reservoir and Facility Management aims to maximize production and recovery in a safe, sustainable, cost effective manner. This training course will help you to maximize the value from your field, by finding, maturing, and executing opportunities, at low cost per barrel. The biggest prize for most operating companies is to maximize the value from their existing assets. High field decline wipes millions of barrels from the reserves as well as significant loss in revenues. So prudent management of the reservoir and continuous production system optimization are critical.

Well, Reservoir and Facility Management is a mindset where dedicated teams work together to unlock potential, manage the reservoir and ensure that reliable wells and facilities deliver the maximum potential, every day. This intensive training course will introduce you to the tools that you need to know where your oil and gas reserves are, maximize well delivery, both production and injection, and minimize downtime and losses. The importance of Well, Reservoir and Facility Management Strategy and Plan, with regular reviews, a choke model diagram and a streamlined Opportunity Maturation Process will be demonstrated. Production System Optimization is also a key component of the course. At the end of this course, the participants will have the tools to maximize the value from your field.

Objectives

- Explain the concept of Wells, Reservoir and Facility Management
- Describe the components of the Wells, Reservoir and Facility Management Value Loop
- Learn how to deliver structured reviews to identify opportunities to increase production.
- Carry-out Production System Optimization Exercises
- Describe a Streamline of Opportunity Maturation Process
- Explain how to prepare a Well, Reservoir and Facility Management Strategy.

Audience

- Drilling and Completion Engineers
- Operation engineers
- Production Technology Engineers
- Reservoir Engineers
- Process and Facilities Engineers
- Geologists & Petrophysicists
- Engineers who are new to the profession
- Other individuals and professionals involved with water flooding.
- This training can be done in house based on workshop sessions for groups of delegates with interest in understanding and applying the principles of Integrated Well Reservoir Facility Management to increase the oil production.



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Content

Day 1

Introduction to WRFM and the Value Loop

- HWRFM Quiz
- Overview of Well, Reservoir and Facility Management
- WRFM Value Loop
- Key Components and Structure of WRFM

Day 2

Daily Production Optimization

- HSE (Safety Moment)
- Overview of Daily Production Optimization
- The Ideal data at your Fingertips
- Having the Right Models for Analysis
- Daily Production Optimization Review
- Daily Production Optimization Exercise

Day 3

Production System Optimization

- HSE (Safety Moment)
- Overview of Production System Optimization
- Surveillance and Monitoring Tools
- PSO Review
- Production System Optimization Exercise

Day 4

Well & Pattern Review

- HSE (Safety Moment)
- Preparation for Well & Pattern Review
- Well & Pattern Review
- Opportunity Maturation Process
- Well & Pattern Review Exercise

Day 5

WRFM Strategy and Plan and Participants Challenges

- HSE (Safety Moment)
- WRFM Defining the Strategy and Planning
- Practical Examples of WRFM
- Producing at the Limits
- Inventory and Discussion of participants WRFM Challenges
- Summary and Conclusions
- End of the Training

Related Trainings