



# Canadian Petroleum Training Institute Ltd.

## EXAMPLE

### COURSE OUTLINE

#### **DIRECTIONAL and HORIZONTAL DRILLING**

##### **Purpose for Directional and Horizontal Wells**

- Geography
- Drilling Problems
- Changes to Drilling Plan
- Lack of Homogeneous Reservoir Properties
- Gas and Water Coning
- Multi Lateral Wells

##### **Planning Directional and Horizontal Wells**

- Directional Wells
- Horizontal Wells
- Multi Lateral Wells

##### **Drilling Rig Selection: Advantages and Disadvantages**

- Slant Hole Rigs
- Conventional Rigs
- Coiled Tubing Rigs
- Casing Drilling Rigs

##### **Special Equipment**

- Downhole Assemblies
- Measurement While Drilling Equipment
- Logging While Drilling Equipment
- Surface Equipment

##### **Implementing and Managing the Drilling**

##### **Completing and Producing Directional and Horizontal Wells**

- Casing and Cementing
- Tubing
- Liners
- Stimulations