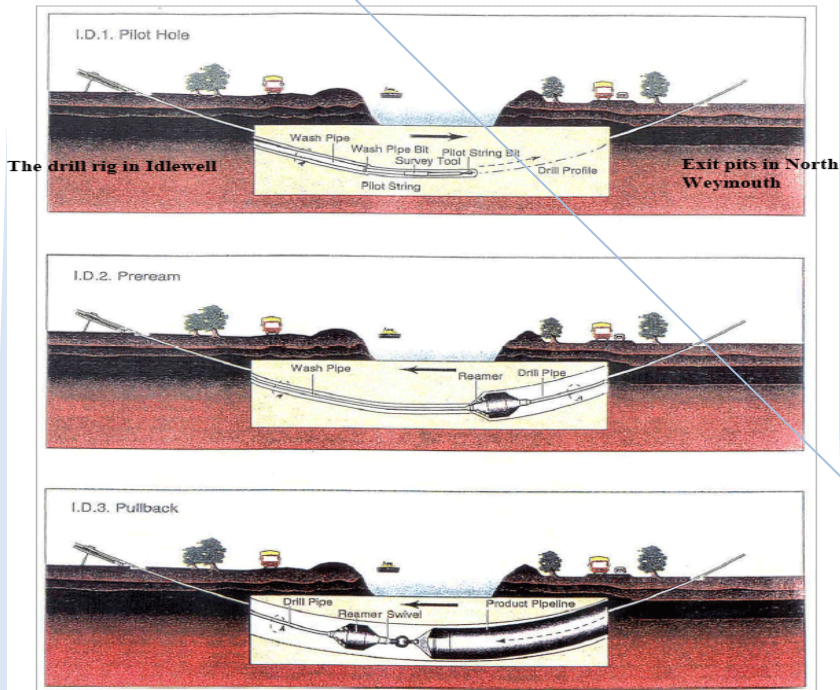


Horizontal Directional Drilling



Training Course :

Directional & Horizontal Drilling

Training Course For One Week In
London - Marriott Hotel Marble
Arch (UK)

Which Be Held As Under Details :



Abar Solutions Petroleum Consultancy Invite Your Employee To Participate With Us In Special Training Course As Under Details :

Course Name		Directional & Horizontal Drilling				
Code	Period	Language	Start	End	Location	Fees KD
GT 004	5 Days	English	22/10/2017	26/10/2017	London - Marriott Hotel Marble Arch (UK)	1195
			19/12/2017	23/12/2017		
			16/01/2018	20/01/2018		
			13/02/2018	17/02/2018		
<p align="center">**The Fees Includes: Lecturer, Training Material, Training Room With One Coffee Break Daily, Certificate Of Attendance In Last Day Training Course**</p>						

Course Description

- This course provides a comprehensive knowledge to prepare efficiently and succeed in drilling a directional well.

Course Objectives

- Upon completion of the course, participants will be able to:
 - learn about the equipment needed for directional drilling,
 - design a directional well,
 - calculate the trajectory of a deviated well in 2D,
 - design the drill stem, with regard to a well's profile, in order to reach a target.

Course Content & Outlines

– GENERALITIES

- Applications, terms and definitions
- Well profiles, coordinates' system
- Trajectory control
- Uncertainty calculation, anti-collision

– DIRECTIONAL DRILLING EQUIPMENT

- Specific drilling equipment: downhole motors, rotary steerable system
- Measuring equipment: MWD

– DRILLING ENGINEERING

- Well planning
- Limits of use of a drill string: buckling
- Drill string design
- Torque and drag calculation
- Drilling fluids and cementing program
- Logging
- Well control

– HORIZONTAL AND ERD

- ERD, multilateral and short radius
- CASE STUDIES