



Training Course :

Production Operations

Training Course For One Week In

UAE - Dubai - Cityseason Hotel



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		Production Operations				
Code	Period	Language	Start	End	Location	Fees
ME 007	5 Days	Bilingual (Arabic & English)	15/01/2017	19/01/2017	UAE - Dubai - Cityseason Hotel	1750 KD (15% For Individual Registration) & (25% For Group Registration)
			19/02/2017	23/02/2017		
			19/03/2017	23/03/2017		
			30/04/2017	04/05/2017		
			14/05/2017	18/05/2017		
			18/06/2017	22/06/2017		
			16/07/2017	20/07/2017		
			20/08/2017	24/08/2017		
			10/09/2017	14/09/2017		
			15/10/2017	19/10/2017		
			19/11/2017	23/11/2017		
			17/12/2017	21/12/2017		
** The Fees Includes : Lecturer , Training Material , Training Room With One Coffee Break Daily , Certificate Of Attendance In Last Day Training Course **						

Course Description

⇒ Production Operations represents the core foundation of production engineering course curriculum and is the foundation for future studies , The participant will become familiar with past proven , and , newer technologies , procedures , and techniques to improve and increase oil , gas , and condensate production , The course structure applies a proven methodology , least cost , integrated methods , SC operations , separator types & functions , tank operations & storage , pressure and level measurement system , pump types & valves types approach that allows engineers to make careful and prudent business decisions , New content to address the basics of unconventional resources , including shale gas and oil , and heavy oil and bitumen has been added

Course Objective

⇒ Participants will learn how to :

- Gain insight into typical geological models , including unconventional heavy oil , shale gas , and shale oil & Design and properly select well completion mechanical equipment & Evaluate the flow capacity of a well & Achieve successful well casing primary cementing and remedial casing cement repair techniques & Select equipment and engineer alternate methods for perforating operations in varied down hole well environments including underbalanced procedures & Utilize alternate well intervention techniques of applied wireline operations and coiled tubing methods & Recognize harsh well producing environments leading to potential corrosion and erosion failure , scale formation , and related downhole deposits & Choose proper wellbore completion and workover fluids , fluid solids control , and fluids filtration standards and best practice methods & Distinguish the characteristics and types of mechanical artificial lift systems & Ascertain why and how formations become damaged and how to interpret , prevent , and correct reservoir damage & Collect data to categorize options to choose an optimum well stimulation plan & Understand the causes of and the best approach to managing sand production & Understand how to properly acidize a carbonate or a sandstone reservoir & Understand the proper use and effects of surfactants and their presence in the oilfield in order to benefit from their use and avoid problems mis-application & Manage organic paraffin and asphaltene field deposits in tubing and surface facilities & Understand modern fracture stimulation and productivity improvement , including multistage horizontal well shale gas and shale oil massive frac job design and operations & Review heavy oil development and extraction including mining operations and current modern thermal processes & Choose proven technology for cased hole production logging tools and interpretation methods & Select mechanical and / or permeability altering chemical methods to attempt downhole water shut off & Recognize , prevent , and manage corrosive conditions and typical common soluble and insoluble scales & Apply technologies including: expandable tubulars and screens , intelligent

well completions , wellbore fiber optic data gathering and transmission , interval control valves,
multi-lateral completions , and elastomer swellable tubulars

Course Content & Outlines

- ⇒ Importance of the geological model
- ⇒ Reservoir engineering fundamentals in production operations
- ⇒ Well testing methods applicable to production operations
- ⇒ Understanding inflow and outflow and applied system analysis
- ⇒ Primary and remedial cementing operations
- ⇒ Well completion design and equipment
- ⇒ Completion and workover well fluids
- ⇒ Perforating design and applications
- ⇒ Production logging & Artificial lift completions
- ⇒ Problem wells & Formation damage
- ⇒ Acidizing & Corrosion control
- ⇒ Scale deposition , removal , and prevention
- ⇒ Surfactants & Paraffin and asphaltenes
- ⇒ Sand control & Hydraulic fracturing
- ⇒ Unconventional resources - shale gas and oil, heavy oil and bitumen
- ⇒ Extended workshop to what has been traded in training course

With Best Regards From Abar Solutions Petroleum Consultancy