Course Description:

Who is the course for?

This eLearning course is aimed at individuals working in the oil and gas industry who require an overview of the different methods used to extract oil and gas. It is particularly suited to those who are new to their role or the industry.

Is previous experience required?

You do not need prior knowledge or experience to complete this course and it is assumed that you are competent in your designated role.

How will the course benefit me?

Over time, the productivity of a well drops and secondary recovery methods must be used to extract the remaining oil and gas. This course will give you a basic understanding of the different ways that operators can improve hydrocarbon recovery rates.

The knowledge gained in this course will help you to better understand the common operations carried out in the oil and gas industry. It will also indicate when and why certain technologies are used for oil and gas extraction.

How will the course benefit my company?

By ensuring you have a basic understanding of well production and stimulation methods, you will increase your familiarity with your industry and the work that your company does. You will also be better able to work with the various well production systems and equipment.
What standards are referenced in the course?

This course does not refer to specific legislation or standards but is written to current HSE guidelines, industry best practice and standard operating procedures.

Is there an assessment?

Once you have completed the course, you will be asked a series of questions to check your knowledge and understanding. These are based on the learning objectives for the course and have a pass mark of 100%.

Learning Objectives:

• Recall how hydrocarbons are recovered from reservoirs
• Define secondary recovery in stimulating well production
• Review the different options for artificial lift
• Recognise when well workovers need to be implemented
• Describe the uses of coiled tubing in well workover
• Explain the principles of acidizing
• Describe the principles of hydraulic fracturing
• Describe different methods of cleaning well perforations
• Explain the principles of steam-assisted gravity drainage (SAGD)