

JFE LEARNING MODULE

DIMENSION BID

TASKSHEET 04 - Basic Petroleum Geology

OBJECTIVES

Upon completion this task you should be able to:

THEORY

1	Explain on the life cycle of oil & gas well	/
2	Understand the origins of petroleum and describe the elements of a petroleum system.	/
3	Explain how an oil or gas reservoir is formed.	/
4	Describe the rock cycle and identify the main rock types and its formation.	/
5	Explain what is meant by a reservoir? How does a client measure the size of this reservoir	/
6	Explain what can oil company do to extend the life of a reservoir and extract more hydrocarbons	/
7	Describe the reservoir rock properties in terms of its porosity and permeability.	/
8	List down types of petroleum traps.	/
9	Explain Dimension Bid role as a service company including both Evaluation service and production services.	/
10	Describe and list down common logging applications especially in our operation.	/
11	Explain why logging is very important to the Oil & Gas Industry	/
12	List out Dimension Bid major competitors within this industry	/

Grade:

W02

Supervisor
Signature:

PRACTICAL

1	Demonstrate a good understanding on the significant role of CHS in Oil & Gas Industry.	
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Grade:

W02

Supervisor
Signature:

COMMENTS BY SUPERVISOR

Name:	FARHAN AMRAN	Signature:		Date:	
Manager's Name:	PARIS	Manager Signature:		Date:	04/12/23.