

**JFE LEARNING MODULE**

**DIMENSION BID**

**TASKSHEET 04 - Basic Petroleum Geology**

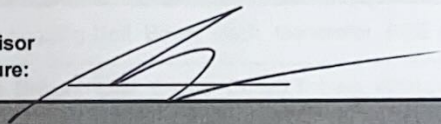
**OBJECTIVES**

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  |  |

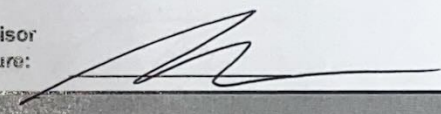
Grade: \_\_\_\_\_

Supervisor  
Signature: 


**PRACTICAL**

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

Grade: \_\_\_\_\_

Supervisor  
Signature: 

**COMMENTS BY SUPERVISOR**

|                 |               |                    |   |       |         |
|-----------------|---------------|--------------------|---|-------|---------|
| Name:           | IKRAM MUVILIM | Signature:         |  | Date: | 17/8/22 |
| Manager's Name: |               | Manager Signature: |   | Date: |         |