JFE LEARNING MODULE

DIMENSION BID

TASKSHEET 07 - Well Completion Equipment

OBJECTIVES

Upon completion this task you should be able to:

THEORY

1	Define the completion	✓
2	Explain one by one well completion activities.	✓
3	List down type of completion and the reason behind it.	✓
4	Explain the configuration of casing in well completion.	✓
5	Describe well concept and resources data needed	✓
6	Describe wellhead and its component.	✓
7	Describe the Tubing Hanger and purpose of Plug for Tubing Hanger.	✓
8	Describe Christmas Tree, its valves and difference with wellhead.	✓
9	Explain about completion method; Single String and Dual String Type.	✓
10	List down completion equipment and explain one by one its function.	✓
11	Describe the type of tubing and its properties classification.	✓
12	Describe the application and different types of Down Hole Safety Valves (DHSV).	✓
13	Describe the Annulus Safety Valve.	✓
14	Describe the purpose and positioning of landing nipples and explain about nipple profiles.	✓
15	Describe the basic function of a production packer and the different types that are commonly used.	✓
16	Describe what a circulation device is and explain why circulation can be required (SPM, SSD and etc.).	✓
17	Identify WEG, Expansion Joint, Flow Coupling and Blast Joints and explain each purpose of it.	✓

Grade: Cor 2 **Supervisor Signature:**

PRACTICAL

1	Understand procedures of handling Wellhead.	✓
2	Explain on wireline operation that involved Well Completion Equipment.	✓
3	Perform site visit at SLS Warehouse to see physically SPM, Gas Lift Valve and SSD.	✓
4	Perform site visit around KSB to see physically casing, tubing, christmas tree and other completion equipment.	✓
5	Pass written assessment for Module 7. Total Marks = _____%	✓

Grade: Cor 2 **Supervisor Signature:**

COMMENTS BY SUPERVISOR

Name:	MATHIAS RAUTH PARAG	**Signature:**		**Date:**	4 DEC 2023
Manager's Name:	FARIS MOHD FIRDAUS	**Manager Signature:**		**Date:**	05/12/23