

**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: 100% 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: 100% Supervisor Signature: 

**COMMENTS BY SUPERVISOR**

Name:	<u>Ferhan Amran</u>	Signature:		Date:	
Manager's Name:	<u>Fans M. Firdaus</u>	Manager Signature:		Date:	<u>04/12/23</u>