

JFE LEARNING MODULE **DIMENSION BID**

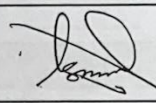
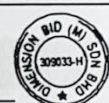
TASKSHEET 07 - Well Completion Equipment

OBJECTIVES

Upon completion this task you should be able to:

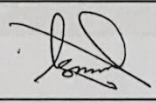
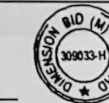
THEORY

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| 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. | COMPLETED DURING WELL COMPLETION TRAINING ON 23-JUNE- 2022 |
| 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: 90% Supervisor Signature:   MOHD ISMADY BIN ISMAIL
Head of PEXS

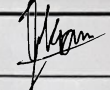
PRACTICAL

| | | |
|---|--|---------------------------------------|
| 1 | Understand procedures of handling Wellhead. | COMPLETED |
| 2 | Explain on wireline operation that involved Well Completion Equipment. | COMPLETED |
| 3 | Perform site visit at SLS Warehouse to see physically SPM, Gas Lift Valve and SSD. | UNABLE TO COMPLETE. NO ITEM AVAILABLE |
| 4 | Perform site visit around KSB to see physically casing, tubing, christmas tree and other completion equipment. | COMPLETED |
| 5 | Pass written assessment for Module 7. Total Marks = <u>95</u> % | Online test |

Grade: 95% Supervisor Signature:   MOHD ISMADY BIN ISMAIL
Head of PEXS

COMMENTS BY SUPERVISOR

- Attended Well Completion Training on 23-June-2022. Completed test with score of 95% and able to answer all questions during training.
- Fully understand all critical items (XMT / TR-SCSSV) functions.

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|--|-----------------|--------------------|---|-------|----------|
| Name: | IKRAM MUSLIM | Signature: |  | Date: | 23/06/22 |
| Doc. Ref No: CHS-FORM-XX Revision No: | Manager's Name: | Manager Signature: | | Date: | |