

JFE TRAINING MODULE

DIMENSION BID

TASKSHEET 13A - Electronic Memory Recorder (EMR) / Pressure Temperature Survey

OBJECTIVES

Upon completion this task you should be able to:

THEORY

1	Explain the objective of running SGS & FGS.	/
2	Explain what is gradient.	/
3	Explain what is datum.	/
4	How do you QC pressure and temperature reading ?	/
5	How do you know if your tool is within the acceptable range of P & T? <i>accuracy of gauge</i>	/
6	What is the purpose of running P & T in station stops ?	/
7	Why do you need 2 gauges run in tandem ?	/
8	Gives values for typical fluid gradient for gas, oil and water.	/
9	Explain how can you predict BHP at one interest depth, eg. perforation depth.	/
10	Explain the geothermal effect in fluid and gas.	/
11	Explain how you design SGS & FGS logging program.	/

Grade: A Supervisor
Signature: *Asif*

PRACTICAL

1	Produce SGS & FGS Interpretation Report. Submit and discuss with your Log Analyst.	/
2	Understand the interpretation worksheet and output produced. <i>- delivered to client for well BJ4-A11</i>	/

Grade: A Supervisor
Signature: *Asif*

COMMENTS BY SUPERVISOR

Name:	IKRAM MUSLIM	Signature:	<u> <i>Ikram</i> </u>	Date:	24/08/22
Manager's Name:		Manager Signature:		Date:	

JFE TRAINING MODULE **DIMENSION BID**

TASKSHEET 13B - Production Logging

OBJECTIVES

Upon completion this task you should be able to:

THEORY

1	Explain the applications of production logging.	/
2	Explain the job design briefly. How many different speed required for the logging and why ?	/
3	What are the types sensors used in production logging? What are the general principles of operation?	/
4	How do you determine spinner selection ?	/
5	What do the direction of spinner determine?	/
6	Explain the production logging theories for single phase and multiphase. <i>equation $Q = V \times A \times (\rho)$</i>	/
7	What is holdup ?	/
8	Explain how the calibrations carried out at site prior to job and why we need it.	/
9	What will happen if we don't have these calibrations prior to logging?	/
10	What is spinner calibration? What happens to the spinner speeds with increase or decrease?	/
11	Is a better temperature log taken while logging down or while logging up?	/
12	What are the problems if we log a temperature log too fast?	/
13	What is difference between FDR & CWH?	/
14	What are the main applications of pressure measurement in production logging?	/
15	What are the applications of a temperature log?	/

Grade: A Supervisor Signature: *[Signature]*

PRACTICAL

1	Produce PLT Field Quick Look Report and present the PLT result qualitatively. Submit together with PLT log package.	
2	<i>Emeraude skills - produce QL report using emeraude for well E11-104</i>	

Grade: _____ Supervisor Signature: _____

COMMENTS BY SUPERVISOR

Name:	Signature:	Date:
Manager's Name:	Manager Signature:	Date:

