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 ?	✓
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: 100% **Supervisor Signature:**

PRACTICAL

1	Produce SGS & FGS Interpretation Report. Submit and discuss with your Log Analyst.	✓
2	Understand the interpretation worksheet and output produced.	✓

Grade: 100% **Supervisor Signature:**

COMMENTS BY SUPERVISOR

Name:	Farhan Amran	**Signature:**		**Date:**	
Manager's Name:	Faris M. Firdaus	**Manager Signature:**		**Date:**	04/12/23

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.	✓
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: 100% **Supervisor Signature:**

PRACTICAL

1	Produce PLT Field Quick Look Report and present the PLT result qualitatively. Submit together with PLT log package.	✓
2	Emeraude skills	✓

Grade: 100% **Supervisor Signature:**

COMMENTS BY SUPERVISOR

Name:	Farhan Anwar	**Signature:**		**Date:**	
Manager's Name:	Faris M. Firdaus	**Manager Signature:**		**Date:**	04/12/23.

JFE TRAINING MODULE

DIMENSION BID

TASKSHEET 13C - Multifinger Imaging Tool

OBJECTIVES

Upon completion this task you should be able to:

THEORY

1	Explain the purpose of running MIT tool.	✓
2	Explain the how the job is design to meet the objective/s.	✓
3	What are the input need for MIT ? Explain the importance of those info prior to job start.	✓
4	How do you read the finger traces from the log and explain.	✓
5	Explain how you QC the fingers in real time and memory.	✓
6	Explain the principle of MIT tool and output from the analysis.	✓
7	What are the damage classifications of MIT ?	✓
8	What are the indications from the color maps of WIVA software?	✓
9	Explain each of calibration files required/acquired for pre & post job and why it is important.	✓
10	What is the accuracy for MIT tool ? How do you QC from the log ?	✓
11	Explain when you require to change fingers.	✓

Grade: 100 %. **Supervisor Signature:**

PRACTICAL

1	Produce MIT Field Quick Look Report and present the MIT result qualitatively. Submit together with MIT log package.	✓
2	WIVA WIPER software skills.	✓

Grade: 100 % **Supervisor Signature:**

COMMENTS BY SUPERVISOR

Name:	Farhan Anwar	**Signature:**		**Date:**	
Manager's Name:	Feras M. Firdaus	**Manager Signature:**		**Date:**	04/12/23.