

DIMENSION BID

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 1: To be completed by Assessor [WEIGHT: 40%]

Name	NURUL FARHANAH BINTI MUHAMMAD KHAIRUL TEO	COB Date	
Position	JUNIOR FIELD ENGINEER	RTB Date	
Client	PCSB	Location	DULANG DELTA
Platform	DULANG	Well	D02
Assessed By	Name: DEWANTO WIDIYARKO	Position:	PUMPING SUPERVISOR

RATING LEGEND:

STRONG Performance consistently exceeded expectations in all essential areas of responsibility, and the quality of work overall was excellent

ADEQUATE Performance consistently met expectations in all areas of responsibility, at times possibly exceeding expectations, and the quality of work overall was very good

IMPROVEMENT NEEDED Performance did not consistently met expectations - performance failed to meet expectations in one or more essential areas of responsibility

Assessment Criteria	Rating (Please ✓ where appropriate)								
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Safety Awareness (20%)

- a. Usage of Personal Protective Equipment
- b. Participation in UAUC
- c. Understanding of PTW System
- d. Worksite House Keeping

	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
	10	9	8	7	6	5	4	3	2
a.		✓							
b.			✓						
c.	✓		✓						
d.									


Work Performance (20%)

- e. Initiative and Creativity
- f. Decision Making Capability
- g. Understanding of Job Scope
- h. Tools Inventory and Reporting
- i. Work Quality
- j. Reporting
- k. Punctuality and Time Keeping
- l. Teamwork
- m. Communication
- n. Leadership Skills
- o. Adaptability to Work Environment/Surrounding
- p. Attitude
- q. Discipline

e.			✓						
f.			✓						
g.			✓						
h.						✓			
i.			✓						
j.			✓						
k.			✓						
l.			✓						
m.			✓						
n.				✓					
o.				✓					
p.		✓							
q.		✓							

REMARKS/COMMENTS/FEEDBACK ON PERFORMANCE OR AREAS OF IMPROVEMENT:

for documentation / work paper she is very detail and understand very well. Need more expectation for BHA part. She also hard worker & she need frequent offshore trip for her experience.

Assessed By [Supervisor]	
Name	DEWANTO WIDIYARKO
Doc. Ref. No.: CTS FORM-90	
Date	1-Jun-24
Revision No.: 01	CONTROLLED COPY

Effective Date: 21/08/2023

(Rev.00,Dated:22/09/19-OBSOLETE)

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PART 2: To be completed by Employee and Assessor [WEIGHT: 60%]

Type of Task	Tasks Performed	Assessor Comment																					
1. Pre-Job Preparation	1. I am able to understand all the D02 Job Program procedure before onboard to the Dulang Platform. 2. Work with SLB engineer to prepare all the chemicals and amount of baskets required for well D02. 3. Work with logistics team to ensure all chemicals loading as per discussed date to avoid delaying of the job. 4. I also can imagine and able to understand the equipment that will be involve for this job well D02	<i>When superv. / senior delegate to her for job, she can understand very well.</i>																					
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2. Surface Equipment Rig-up	1. All CTU equipment has already been rigged up for pass well. 2. Rearrange all the hard hose from Batch Mixer to Single Pump where necessary and replaced all hard hose that are found to be leaking and might resulted the acid to be flow out. 3. I am able to understand all the rig up line from Batch Mixer and Vertical Tank to single Pump and from Single Pump to Geowell's wellhead. 4. Water Injection line also has been lined up for flushing batch mixer and FS tank after each of job step. 5. I also able to undersatnd the rig up line for bunkering FW and overboard process.																						
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3. Tools / Equipment Preparation	1. Batch Mixer an FS tank has been rig up and used for chemical mixing for well D02. 2. Only required basket offload to maindeck to reduce deckspace and mixing purpose. 3. Able to understand usage of bunkering 250 bbls of fresh water and 4000 liters of diesel into FS Tank, Batch Mixer and Tote tank. 4. I am able to hook up wilden pump and function test prior before job																						
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4. Equipment	4.1 Batch Mixer 1. I had handson on how to start the batch mixer to mix the solvent and how to transfer liquid from first tank to second tank using C pump. 2. Besides, I also able to switch line of chemical inside the FS Tank/Batch mixer by tracing the line that the liquid will flow by following the steps inside the Job Program. 3. I also able to mix the chemical for injectivity test of bullheading process by referring to the formula stated inside the Job Program. 4. I also able to read the flow level of the tank and tally with the volume appear at pump control panel.																						
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	4.2 Pump Unit 1. I understand on value been used for pump flowrate to pump each of the chemical into well D02. 2. I understand on how flowrate will affect the pressure of the pump as well as THP at the wellhead. 3. I am able to calculate how many hours is required for each of the pumping process. 4. I also learn when to used low and high gear for each flowrate used for this job. 5. I also learn on how to make sure the pump is not lose prime while conducting the job. 6. I also had an experience to monitor the flowrate and pressure of the pump while pump operator is not around																					
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	4.3 Nitrogen Pump unit & Nitrogen Tank N/A																					
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	4.4 Power Pack N/A																					
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	4.5 Control Cabin 1. I am able to retrieve graph for every bullheading activity and do summarization for each of the data with confirmation from CT Operator. 2. I am able to adjust the required data that need to be appear inside the graph.																					
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Doc.Ref.No.: CTS-FORM-90

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Type of Task	Tasks Performed	Assessor Comment								
	4.6 CT Reel N/A									
	Rating (by SUPERVISOR)	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
		10	9	8	7	6	5	4	3	2
	Employee was able to OPERATE the equipment:				Under Supervision					
					Standalone					
	4.7 Injector Head N/A									
	Rating (by SUPERVISOR)	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
		10	9	8	7	6	5	4	3	2
	Employee was able to OPERATE the equipment:				Under Supervision					
					Standalone					
	4.8 Pressure Control Equipment This job not required PCE									
	Rating (by SUPERVISOR)	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
		10	9	8	7	6	5	4	3	2
	Employee was able to OPERATE the equipment:				Under Supervision					
					Standalone					
	4.9 Basic BHA Components This Job not required BHA									
	Rating (by SUPERVISOR)	STRONG			ADEQUATE			IMPROVEMENT NEEDED		
		10	9	8	7	6	5	4	3	2
	Employee was able to OPERATE the tools:				Under Supervision					
					Standalone					

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Type of Task	Tasks Performed									Assessor Comment		
5. Job Supervision (if applicable) <i>Please complete this section if you perform any supervisory role during operation</i>												
				10	9	8	7	6	5	4	3	2
	Please ✓ accordingly to confirm the role of the employee during operation									Full Supervisor		
									2nd / Night Supervisor			

COILED TUBING PERFORMANCE ASSESSMENT FEEDBACK

PART 3: To be completed by Employee and Assessor

DATE	Assignment/Summary Job/Duration	Supervisor's Feedback <small>(Please indicate if employee is able to execute the job <u>UNDER SUPERVISION</u> or <u>STANDALONE</u>)</small>
20 - 31 May 24	<p>After done this job I can understand and explain each of bullheading process for this job. This well is suspected to damage mechanism on this well is most probably due to the fine migration induced particle plugging. To be clear, fine migration may result from an unconsolidated or inherently unstable formation or from use of an incompatible treatment fluid that liberates fined particle.</p> <p>Thus, to solve this well problem we had done bullheading activity for this 3 zone (14B, 12B and 11A) inside well D02. What I understand, bullheading activity refer to squeezing or pumping fluids into well against pressure. We need to ensure the pressure of fluid being pumped is not exceed the MASTP value that has been stated inside the Job Program.</p> <ol style="list-style-type: none"> 1. Bullheading #1: solvent purpose to clean wax 2. Bullheading #2: Tubing pickling purpose to clean tubing 3. Bullheading #3: Injectivity test been done to determine the suitable pump rate been used for that reservoir so that it will not break the formation, cause if we break the formation it lead to kill well that lead well to be less productive to produce oil or gas. 4. Bullheading #4: acid stimulation is where the fluid/acid pump inside the reservoir, so based on 5 chemical cycle inside the Job Program (pre flush, main acid, brine-flush, tubing displacement and surface line displacement) that we pumped, brine post flush + preflush and main acid will pumped directly entered the reservoir to make the size of the pore bigger, then diesel will be pumped from wall of the reservoir and along the tubing and lastly brine will be pumped for surface line displacement. <p>After a few hrs, we hold the acid inside the reservoir, then it will be flowback to the production using the gas lift through the annulus (in between casing and tubing) to return all the fluid that we pumped previously. Then, how to confirm all the acid being pumped previously is totally out of the well is by tested using pH paper and calculation 1.5 tubing volume.</p> <p>This Job required 11 days to be completed and the oil production rate for thsi well increase</p>	<p>She still need guidance and learn about operating unit (specially on this job like single pump and BMX).</p> <p>About transferring or mixing chemical she understand very well. As supervisor i suggest to put her on regular crew to improvement.</p>

Please tick (✓) category of services performed:

Standard Services:

Wellbore Cleanout	
CT Cementing	
Nitrogen Operations	
Pumping Services	

Advanced Services

CT Fishing	
CT Milling	
CT Logging	
CT Perforation	