

Project Title: KOG Midway Booster Pump Station
PU-18-024

Reporting Date: **June 28, 2019**

1. Project Overview

Project Managers: Clay Anderson
Project Location: SOR, Keene ND

2. Project Status

2.1. Performance Indicator Explanation

- Safety: N/A
- Schedule: Skid completion Sept 6th, stretch goal of Aug 30th.
- Quality: Additional engineering and drawings required due to oil cooler requirements

3. Summary of Progress

3.1. Key Accomplishments since last reporting

- 24-Jun
Successful shutdown and tie-in to Midway Valve Set. Pumps released for shipment/deliver. Quotation of additional starters, required for Oil cooler.
- 25-Jun
Fabricated pipe hauled to site. Excavation, welding, lowering, and backfill pipe. Survey lowered piping welds.
- 26-Jun
Excavation, welding, sandblasting, coating, lowering, and backfill pipe. Survey lowered piping welds. Sund Engineering Kick off for starters, required by oil coolers.
- 27-Jun
Delivery of pump shipment #1, successful offload and delivery. NOV Oil Cooler design finalized. Estimated oil cooler shipment to ND, July 31st. On-site electrical installation (grounding, transformer pad install, Service Disconnect panels)
- 28-Jun
Excavation, welding, sandblasting, coating, lowering, and backfill pipe. Survey lowered piping welds. Successful offload of pump #2.

3.2. Major Activities Planned for next reporting

- Start pump skid fabrication
- Prep for hydro-test
- On-site construction
- Site walkdown with GC, shipping company, crane operator, and Hess to discuss skid offload

4. Project Schedule Summary

Milestones	Planned Date	Revised Date	Actual Date	Comments
Pump shipment date	12-Jun-19		24-Jun-19	Nord gear reducer bearing overheating delayed shipment
Pump arrival	24-May-19	20-Jun-19	27/28-Jun-19	Trailer #1 broke an axle (2 day delay), trailer #2 flat tire (4 hour delay in offload)
KOG Shutdown for piping tie in complete	25-Jun-19	24-Jun-19	24-Jun-19	
Delivery Booster Pump Skid to site	6-Sep-19			
Phase II execution	6-Sep-19			
Start-up	27-Sep-19	30-Sep-19		Pump delay

4.1. Schedule Comments

- MN Limited will be off location starting July 3rd and returning July 8th to complete phase-I construction