

ROC800L Delivers Precise Measurements along New Pipeline Transporting Light Crude

RESULTS

- Durability and flexibility to control, measure and log historical mission critical data
- Reliable measurement that is precise and auditable
- Overall control of each metering station allowing them to batch and que different customer transactions



APPLICATION

Oil transmission – metering station for new pipeline

CUSTOMER

Major natural gas transportation and storage services company

CHALLENGE

This customer is receiving oil from three customers who transport domestic light crude found in the Bakken from Wyoming to Oklahoma. The metering station is the custody transfer point for 230,000 – 320,000 bpd. According to recent prices in crude, that estimates to be between \$20 million and \$30 million in oil per day.

This is a new pipeline that requires audit trail and custody transfer measurement accuracy. If they don't get reliable or accurate measurements, they could be missing or have incomplete measurement data. If a device failure or error in customer batching occurs, the data can be used to prove or recalculate the data if they have a reliable measurement device. This would save them from unexpected downtime at the metering station and loss of throughput.

“The ROC800L gave us the durability and flexibility to control, measure, and log historical mission-critical data.”

SOLUTION

This company implemented the ROC800L, which they considered as the best solution to meet their requirements. Using DS800 programming allowed for overall control of each metering station. The ROC800L proving program with the stationary prover and batching program allowed them to batch and queue different customer transactions.

They have benefited from the ROC800L for its reliable measurement that is both accurate and auditable. The ROC platform gives them the durability and flexibility to control, measure and log historical mission critical data.



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