

# HYDROCARBON LOSS CONTROL

## ENERGY SECTOR CASE STUDY



A fully integrated energy company with crude gathering, pipeline, refining, wholesale, and retail operations throughout southwestern United States engaged Trident to create and develop an industry leading hydrocarbon loss control capability and reduce custody transfer losses.

### 188%

**REDUCTION IN  
VOLUMETRIC LOSS**

### \$900,000

**ANNUALIZED  
SAVINGS**

### 60%

**REDUCTION IN  
SEDIMENT & WATER  
VARIANCE**

#### HOW WE MADE IT HAPPEN

##### **Meter proving program optimization:**

- Developed and installed meter proving scheduling optimizer to efficiently allocate limited meter proving resources and ensure measurement accuracy
- Installed customizable meter factor control charts to identify meters that are out of tolerance with API MPMS compliance guidelines
- Increased meter proving compliance by 16%

##### **Hydrocarbon loss control task force:**

- Created and facilitated the launch of a Hydrocarbon Loss Control Task Force to enable effective investigation and management of all out of tolerance losses
- Increased Executive visibility into financial impact of operational indicators from crude gathering and pipeline operations
- Reduced volumetric loss by 188%

##### **Sediment and water measurement standards:**

- Designed and installed process and system for measuring sediment and water variance between lease purchase and pipeline injection, reducing sediment and water variance by 60%
- Developed management tools to enable effective oversight of all third-party measurement activities
- Standardized measurement processes and tools of trucking and pipeline functions to enable consistent quality and quantity measurement throughout the system

WE'RE HERE TO [MAKE IT HAPPEN™](#).  
CONTACT US TODAY AT [info@trident.com](mailto:info@trident.com).