



MIDSTREAM / PIPELINE SERVICES

OPTIMIZED MIDSTREAM
PROCESSING, STORAGE, AND
TRANSPORTATION



OUR ENGINEERS CAN PROVIDE OPTIMIZED PIPELINE, PIPELINE FACILITY AND COMPRESSION SOLUTIONS TO HELP MAXIMIZE YOUR PROJECT'S OPERATIONAL PERFORMANCE AND ASSOCIATED RATE OF RETURN.

EDG has extensive experience with helping their clients with their hydrocarbon production, transportation, storage, and processing needs. We have extensive experience with new facility design, debottlenecking, brownfield modifications, and operational support engineering.

Whether it is moving product by barge, rail, truck, or pipeline our team of generalists can provide positive results and we are ready for your challenging projects and opportunities in the future.

TRANSPORTATION / STORAGE / PROCESSING



PIPELINE FACILITIES

GATHERING SYSTEMS

- Gas, Oil, and Water Pipelines
- Compressor Stations
- Metering Stations
- Pump Stations



STORAGE TERMINALS

CRUDE OIL STORAGE

- Refined Product Storage
- Truck, Rail, Barge, and Ship Loading



PROCESSING FACILITIES

OIL

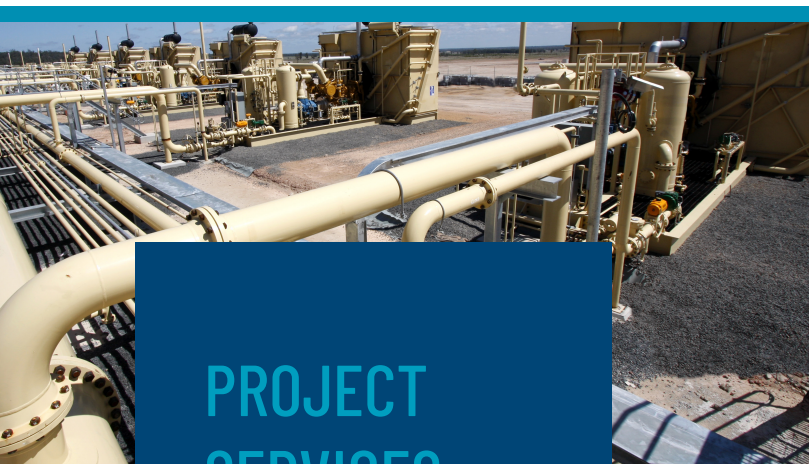
- Oil and Condensate Processing

GAS

- Gas Processing, Treatment, and Dehydration
- Gas-to-Liquids Facilities
- Vapor Recovery and EOR Injection
- LNG Facilities and Storage
- NGL Recovery and Fractionation
- Cryogenic Gas Processing

WATER

- Produced Water Treatment Facilities
- Saltwater Disposal
- Frac Water Management



PROJECT SERVICES

PIPELINE FACILITIES

- LIQUID, GAS, AND WATER PIPELINE DESIGNS
- INTERCONNECTS, LATERALS, LINE LOOPING, AND RELOCATIONS
- BOOSTING STATIONS (COMPRESSION AND PUMPING)
 - Optimization of new or existing installations for adaptability to changing needs
 - Compressor package/system designs – EMD and Gas
 - Pump designs utilizing a broad range of API equipment
 - Practical application of WHRUs to enhance facility efficiency and performance
 - Acoustical and Mechanical vibration studies
 - Mechanical seals and systems design recommendations
- METERING AND MEASUREMENT – LACT UNITS AND SCADA SYSTEMS
- SURGE ANALYSIS, HYDRAULIC STUDIES, SPAN AND BUCKLING ANALYSIS
- ON BOTTOM STABILITY, SHORE APPROACHES, AND RISERS FOR OFFSHORE FACILITIES
- PERMITTING, BIDDING, AND CONSTRUCTION SUPPORT
- INTEGRITY – CORROSION MONITORING AND CATHODIC PROTECTION SYSTEMS

STORAGE TERMINALS

- GATHERING, LOADING, TRANSPORTATION, MEASUREMENT, AND STORAGE OF GAS AND LIQUIDS
- CAVERN LEECHING AND INJECTION FACILITIES
- ABOVE-GROUND STORAGE TANKS
- FIRE AND GAS DETECTION SYSTEMS
- VENTING AND GAS BLANKETING SYSTEM DESIGN AND ANALYSIS
- MEASUREMENT, LOADING, AND SHIPPING INFRASTRUCTURE FOR PIPELINES, TRUCK, RAIL, BARGE, OR TANKERS
- LOADING AND UNLOADING DOCK DESIGN, INSPECTION AND REMEDIATION

PROCESSING FACILITIES

- OIL AND CONDENSATE TREATING
 - Primary separation, oil treating, desalting, and sour oil treatment
 - Gathering sites, condensate stabilization, and storage
 - LACT Units, Metering, Shipping and Loading
 - Flaring / Incineration
- GAS PROCESSING
 - Gas Treatment – Amine Treating, Mercaptans, H₂S and CO₂ Removal
 - Gas Dehydration – Glycol Units, Mol Sieve Units, Desiccant, JT Units
 - Gas Compression and Vapor Recovery
 - Cryogenic Gas Processing
 - NGL Facilities – Fractionation, Recovery and Storage
 - LNG Facilities – Micro LNG, Large Scale LNG, and Storage
- WATER TREATMENT
 - Produced Water Treatment and Storage
 - Sour Water Treatment Facilities
 - Saltwater Disposal
 - Frac Water Treatment Distribution Systems

CUSTOM, MODULAR, AND STANDARDIZED EQUIPMENT PACKAGES AND FACILITIES

PRODUCTION FACILITIES

- WELL PADS
- CENTRAL TANK BATTERIES
- HPU
- GATHERING STATIONS
- METERING and PUMPING

COMPRESSOR STATIONS

- EMD
- GAS

WATER SOLUTIONS

- SWD
- FRAC WATER
- PRODUCED WATER

UTILITIES

- FUEL GAS
- INSTRUMENT AIR COMPRESSORS
- ELECTRICAL SUBSTATIONS
- RENEWABLE SOLUTIONS

EQUIPMENT PACKAGES

- GPU
- HEATERS
- SEPARATIONS
- FLARE KNOCKOUT
- FILTERS, SCRUBBERS, SLUG CATCHERS, LIQUID / GAS METERING, LAUNCHERS AND RECEIVERS

LEVERAGE EDG'S HISTORY OF STANDARD FACILITY DESIGN TO HELP IMPROVE FIELD DEVELOPMENT EFFICIENCY.

OPTIMIZED MIDSTREAM PROCESSING, STORAGE, AND TRANSPORTATION

MIDSTREAM / PIPELINE SERVICES

EDG tailors integrated customer solutions, pairing industry expertise with budget requirements and project schedules to tackle project objectives and improve performance.

A COMMITMENT TO PEOPLE, EFFICIENCY, AND QUALITY.



CONTACT

JAKE LEININGER

Business Development

 504.455.0858

 jleining@edg.net

TOBY ZERINGUE

Business Development

 337.371.9004

 tbzeringue@edg.net

