

# OIL & GAS



Borton  Lawson  
ENGINEERING | ARCHITECTURE

# OIL & GAS

From site selection to design and permitting, program management to construction administration, our Oil & Gas team is committed to executing your project from conceptual planning through finished completion.

## ASSET MANAGEMENT

Surveying has grown into a high technology field, through the growth of computer, satellite technologies, and scanning. Our survey teams are equipped with the latest equipment and technologies, including Global Positioning System (GPS), 3D scanning, and state-of-the-art data collection and mapping software. This allows for accurate and detailed mapping in the field in an expedited, real-time environment.

- ▶ Program Management
- ▶ Facility Documentation/As-Builts
- ▶ 3D Laser Scanning/3D Modeling
- ▶ CAD Standardization Services

## WATER

Our team has significant experience planning, designing, and permitting intakes and water withdrawals, booster stations, truck loadouts, pipeline networks, impoundments and recycling/treatment facilities.

- ▶ Intake Design/Permitting
- ▶ Pipeline Network Design/Permitting
- ▶ Booster Stations/Pump Stations
- ▶ Freshwater/Flowback Impoundments
- ▶ Truck Load Out Solutions
- ▶ Recycling/Beneficial reuse facilities
- ▶ Automated Water Control & Tracking Solutions
- ▶ Electrical Infrastructure Design/Coordination



## UPSTREAM

Borton-Lawson offers complete turnkey design services including surveying, environmental and wetlands, site design/permitting, and comprehensive facility design including process, mechanical, structural, electrical, and I&C expertise.

- ▶ Surveying/Well Plats
- ▶ 3D Scanning & As-Builts
- ▶ Routing/Environmental Services
- ▶ Well Pad Design/Permitting
- ▶ Well Pad Facility Design/3D modeling
- ▶ Ortho/ISO/BOM
- ▶ PFD/P&IDs
- ▶ I&C Solutions
- ▶ Oilfield Electrical Services

## MIDSTREAM

Borton-Lawson's midstream capabilities range from survey and permitting of gathering and pipeline systems to comprehensive multi-discipline construction packages for meter stations, interconnects, and compressor facilities.

- ▶ Surveying/Construction Layout
- ▶ 3D Scanning & As-Builts
- ▶ Routing/Environmental Screening
- ▶ Pipeline Design/Permitting
- ▶ Compressor Station Site Design
- ▶ Meter and Relay Stations/Interconnects
- ▶ Dehydration Facilities
- ▶ Greenfield/Brownfield Facility Design & 3D Modeling
- ▶ Ortho/ISO/BOM
- ▶ PFD/P&IDs
- ▶ PHA
- ▶ Electrical and I&C Solutions
- ▶ Process and Stress Analysis
- ▶ Multi-Discipline Construction Packages
- ▶ Procurement Assistance

## DOWNSTREAM

Borton-Lawson provides comprehensive downstream solutions for process facilities and pipeline systems.

- ▶ Utility System Infrastructure Design/Permitting
- ▶ City Gate/Meter Station Facility Design
- ▶ LNG/CNG/NGL Facilities
- ▶ Facility Site Design
- ▶ Ortho/ISO/BOM
- ▶ PFD/P&IDs
- ▶ PHA
- ▶ Electrical and I&C Solutions
- ▶ Process and Stress Analysis
- ▶ Multi-Discipline Construction Packages
- ▶ Procurement Assistance



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