

**DEVOTED TO
YOUR TEAM
YOUR PROJECT
AND YOUR FUTURE**



**NATIONWIDE
UPSTREAM E&P SERVICES**

When it comes to E&P land management, you need service that meets your standards, your needs and your project timeline—even on the most complex cases. That's why Percheron only offers the most experienced professionals to handle upstream projects across the country. On every assignment, our dedicated experts are able to leverage a complete range of fully integrated resources to keep you on track. It's the kind of attention to detail that keeps delays, surprises and worry out of the land management process.

From the most complex due diligence projects, to lease checks, to project management, Percheron's 38 years of servicing the energy industry ensures we are the right partner for all of your project needs. Our team's experience spans every major shale play, with over 3.75 million acres leased.

As assets change hands, let Percheron's due diligence experts help protect your investment. Whether the transaction is as simple as a handful of leases or as complicated as purchasing a long-producing field, Percheron's due diligence team can get your deal done. Our staff has experience in both in-house and field due diligence projects and our team can identify, understand, and interpret the various instruments and contracts that are a necessary part of a due diligence review.



Engineering



Survey



Environmental



Land



Title



UAS



GIS

Your Integrated Project Solution

Engineering

- Project Management
- Due Diligence Studies and Regulatory Compliance
- Route Selection
- Concept and Project Scope Development and Total Installed Cost (TIC) Cost Estimates
- Pipeline & Facility Design
 - › Transmission / Gathering Pipelines (Urban and Rural)
 - › Meter Stations
 - › Pump Stations
 - › Storage Facilities
 - › Compressor Stations
 - › Substation, Switchyard, etc. Design
- Site Grading Design
- Balance of Plant Design
- Energy Storage Layouts
- Construction Specifications
- Hydrostatic Test Procedures
- Horizontal Directional Drill (HDD) Design including Drilling Fluid Management and Hydraulic Fracture Analysis
- Purging and Commissioning Procedures
- Material Procurement
- Construction Management

Survey

- Boundary Surveying - ALTA/NSPS Land Title
- Topographic/Design Surveys
- Right of Way Parcel Plats/Descriptions
- Navigable Waterway Inspections
- Hydrographic/Bathymetric Services
- Depth of Cover Surveys
- Professional Mapping Services
 - › Boundary and Easement Plats
 - › Plan and Profile Sheet Production
 - › Site Planning and Layout
 - › Grading and Drainage Plans
 - › Construction Alignment Sheets
 - › As-Built Alignment Sheets
 - › Construction Site Specific Exhibits
 - › Environmental and Non-Environmental Permits
- 3D Laser Scanning/ High-Definition Surveying
 - › BIM/Digital Twin Modeling
 - › Detailed Plant/Facility Surveys
 - › Construction Progress Asset Management
- Construction Staking and Support
- As-Built Surveys
- Settlement and Monitoring Surveys
- Operations and Maintenance Survey Support
- Regulatory and Compliance Surveys

Land

- Project Management
- Feasibility Studies
- Route and Site Selection
- Due Diligence
- Oil & Gas Lease Acquisition/Amendment
- Right-of-Way Acquisition/Amendment
- Non-environmental Permitting
- Fee/Mineral Acquisition
- Geophysical Testing Permit Acquisition
- GIS/Mapping
- Lease Records/Asset Management
- Land Administration Support/Document Recording
- File Review/Assimilation & Data Entry
- Surface Site Acquisition & Settlement of Surface Damages
- State & Federal Lease Sale Representation
- Eminent Domain Support
- Construction Monitoring & Damage Settlement
- Relocation Assistance
- Operations Support & Maintenance
- Survey Permissions
- Survey Support

Environmental

- Federal Energy Regulatory Commission Filings
- US Army Corps of Engineers Permitting
- US Fish & Wildlife Service
- Water Quality Certifications
- Wetland & Habitat Conservation/Mitigation
- Conservation Banking
- Threatened & Endangered Species Consultation
- National Historic Preservation Act Consultation
- National Environmental Policy Act (NEPA)
- Application for Permit To Drill
- Scenic River Permits
- Environmental Compliance
- Pre & Post Construction Assessments
- Constraint Mapping
- Public Outreach
- Expert Testimony

UAS

- Traditional Photogrammetry
- Airborne LiDAR
- Airborne Topographic Surveys
- Terrestrial LiDAR/Laser Scanning
- Mobile Mapping/LiDAR Surveys
- Large- and Small-Scale Volumetric Surveys
- Route Selection Assistance
- PHMSA/Regulatory Surveys
- Tank/Facility Documentation Surveys
- Aerial Reclamation Investigation and Survey Support
- UAS Equipment Feasibility and Case Studies
- UAS BVLOS and Sensitive COA Projects
- Blue/Green/NDAA compliant data collection available
- Aerial Photo/Video Documentation
- Linear Corridor/ROW/Site Inspection
- Construction Monitoring
- Emergency and Disaster Response
- Civil Infrastructure Documentation
- Environmental Conditions Documentation
- Asset Documentation
- Pre- and Post-Construction Assessments
- Wireless Infrastructure Inspection
- Thermal Inspection
- Leak and Failure Detection
- Multi and Hyperspectral Data Acquisition

GIS

- GIS Analysis
 - › Siting Studies for Suitability
 - › Routing Analysis and Selection
 - › Routing Summary & Detailed Reports
 - › Impact identification
 - › HCA Identification
- Webmap Applications
 - › GRID Webmap Application
 - › Project Reporting Dashboards
 - › Esri Field Maps
 - › Google Earth Pro
- Data Management
 - › GRID Database
 - › Enterprise SDE
 - › Feature Services
 - › Task Automation
 - › QA/QC Measures
- Cartography
 - › Mapbooks (Map Series)
 - › Engineering Route Maps
 - › Plotter Maps
 - › Site Maps (Siting Analysis)
 - › Preliminary Exhibits
 - › Permit Maps
 - › Environmental (NR/CR) Figures

Title

- Lease Checks
- Mineral Title Research
- Runsheet/Certified Title Preparation
- Surface Title Research
- Limited Title Certificates
- Chain of Title Preparation
- Production Research
- Document Management
- File Review/Assimilation & Data Entry
- Project Management
- Tax Research
- Due Diligence



PERCHERON
MAKING LIVES BETTER