GIS at Western Land Services

LOOKING FOR A RELIABLE GIS TEAM TO SUPPORT YOUR PROJECT? Need readily available competitor lease data and/or maps to help evaluate an area for opportunities? Have a short or long term project requiring on-site GIS assistance? With an extensive team of GIS specialists positioned nationwide, the WLS GIS Department provides all of the above and more. Recognized for high quality maps, comprehensive data products, and unparalleled responsiveness to client needs, our GIS department is best in class and will deliver the excellence you deserve.

Data
WLS researches and compiles data from a variety of sources, giving you instant access to a breadth of GIS resources.

GIS Mapping
Project maps are customized to fit your needs, from small and large scale print maps to interactive webmaps.

Decisions
Make more informative decisions through the location, evaluation, & identification of potential opportunities for project growth.

» Lease, Mineral, & Legacy Mapping
» Project Layout & Topographical Maps
» Unit Proposition & Historic Overlay Maps
» Well & Production Checks
» Mapping of Pipeline Routes/Reroutes
» Customized Products (Maps, Shapefiles, Layer Files, Reports)
» Geodatabase Design & Development
» WebMap Applications
» KML Import & Creation
» Esri ArcGIS 10.x & Geocortex Software
Project Based GIS Services

GIS is a common thread between all service lines at WLS – providing continual, reliable support to not only all clients, but our 350+ workforce via ad hoc mapping and 24/7 webGIS access. Our department has experience supporting internal AND standalone projects in relation to:

- Right-of-Way
- Abstracting
- Curative
- Seismic Support
- Asset Management
- Renewables
- Title
- Leasing
- Due Diligence
- Heirship
- Operations Support
- Permitting

» GIS mapping projects completed in 42 states in the U.S. & four countries abroad.
Right-of-Way GIS Services

Capabilities:
- Creation & maintenance of line lists
- Area maps and deed plotting for survey and title reports
- Exhibit maps for land agents and recorded documentation
- Construction maps with hazards and notes
- Proposed, exhibit, & as-built infrastructure maps
- Project monitoring via secure webGIS system
- Mapping & tracking of routes, reroutes, survey permissions, ROW acquisitions, & surface restrictions

Direct Support to:
- Clients
- Project Managers
- Land Agents
- Title
- Processing
- Third Parties (e.g. Survey Crews)

Diverse Mapping & Management

Diverse Clientele

- Engineering & Midstream
- Utilities
- Banks & Universities
- Mineral Buying
- E&P
- Parcel Vendors
- Mining
- Government Entities
Leasehold GIS Services

WLS offers an invaluable resource to the oil and gas industry: accurate & inclusive 3rd party competitor leasehold data. Our fully attributed county-wide datasets represent the past 10-17 years’ worth of oil and gas activity on a per tract level. The premise – transforming recorded leasehold documents, including leases, assignments, unit declarations, and more, into a GIS system for in-depth analysis and equipping you with information you need to make educated, timely decisions.

**PROCESS**
- Document collection via physical or online courthouse system
- Mapping of documents via ArcGIS to generate leasehold layers
- Retention of attributes (lessee, lease date, term, acres, depth, etc.)
- Creation of supplemental possible HBP & unit boundary layers

**DELIVERABLES**
- Leasehold & unit shapefiles, file geodatabases, and/or Excel files
- Leasehold PDF map
- Web Map and Feature Services
- Regular updates - monthly, quarterly, or yearly for ongoing evaluation

**ADVANTAGES**
- Locate open acreage or expiring leases for top leasing opportunities
- Identify opportunities for acquisitions, divestitures, or JVs
- Pinpoint lessees along existing & proposed routes
- Accelerate title and due diligence research efforts
- Save time and money - data is readily available

WLS employs a team of in-house GIS specialists dedicated to maintaining over 100 counties. From document collection to mapping & maintenance, our team follows defined procedures for consistent, reliable results.

**What does this mean to you?**
From this database, we can readily produce maps, shapefiles, spreadsheets, & reports that will bring added value to your organization, whether looking to jump start a new project or strengthen an existing one.

**MASTER LEASEHOLD DATABASE COMPRISSED OF:**
- Over 2,000,000 leasehold records
- More than 50,000,000 acres
- Over 20,000 unit boundaries

**Data currently complete & available for:**
- Colorado
- Kansas
- Michigan
- Ohio
- Kentucky
- Pennsylvania
- West Virginia
- Wyoming

**Don’t see coverage for a county of interest?** No problem – new geographies can be compiled upon request in 3-10 weeks.
Leasehold Attributes

Retaining comprehensive, detailed information, WLS leasehold datasets provide for in-depth analysis capabilities on a per tract level. Attributes are stored in a uniform manner across geographies to deliver a consistent product. Unique geographies requiring special attention, such as Texas, contain distinct fields to elevate the end user experience. Permian basin datasets, for example, allow you to query lessee ownership based on major producing formations (Wolfcamp, Spraberry, etc.)

Unit Boundaries

WLS has collected and mapped over 20,000 recorded unit declarations. Using parcel data as a guide and georeferencing plats, unit boundaries are digitized to create a valuable, supplemental layer that can be used to pinpoint leases held by production, as well as determine whom is unitizing where. Key attributes retained in these files include:

- Operator
- Unit Name
- Well Status
- Well API
- Unitized Acreage
- Recording Information
- Boundary Type
- County / State
- Formation / Depth
Compass, our WebGIS based project management platform, brings together technology from Esri, Latitude Geographics, and Microsoft, generating a state of the art system to support our projects. With 24/7 access to resources in a secure, user friendly forum via internet, this centralized platform serves as a versatile management tool on all WLS projects, improving collaboration, communication, and coordination between stakeholders, and streamlining processes for cost efficiencies.

- Real-Time Project Updates
- Customizable & Automated Reports
- Accelerated Research Capabilities
- Print PDF Maps
- Navigate Seamlessly Between Projects
- Attachment Capability
- Track Acquisition, Title, Permitting, Etc.
- Secure Access

ACCESS PROJECT DATA ON YOUR COMPUTER, PHONE, OR TABLET.

Contact Us

Interested in learning more about GIS at Western Land Services? Contact us today for:

- On-Site Demonstrations
- Web Demonstrations
- Samples to Evaluate Independently

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EVERY SUCCESSFUL PROJECT BEGINS AND ENDS WITH A GREAT MAP.