

COMPANY PROFILE

OUR PROFESSIONALS BRING **LAND, ENERGY, & PEOPLE** TOGETHER, EXECUTING EVERY PROJECT WITH THE ENTHUSIASM, INTEGRITY, AND EXPERTISE IT DESERVES.

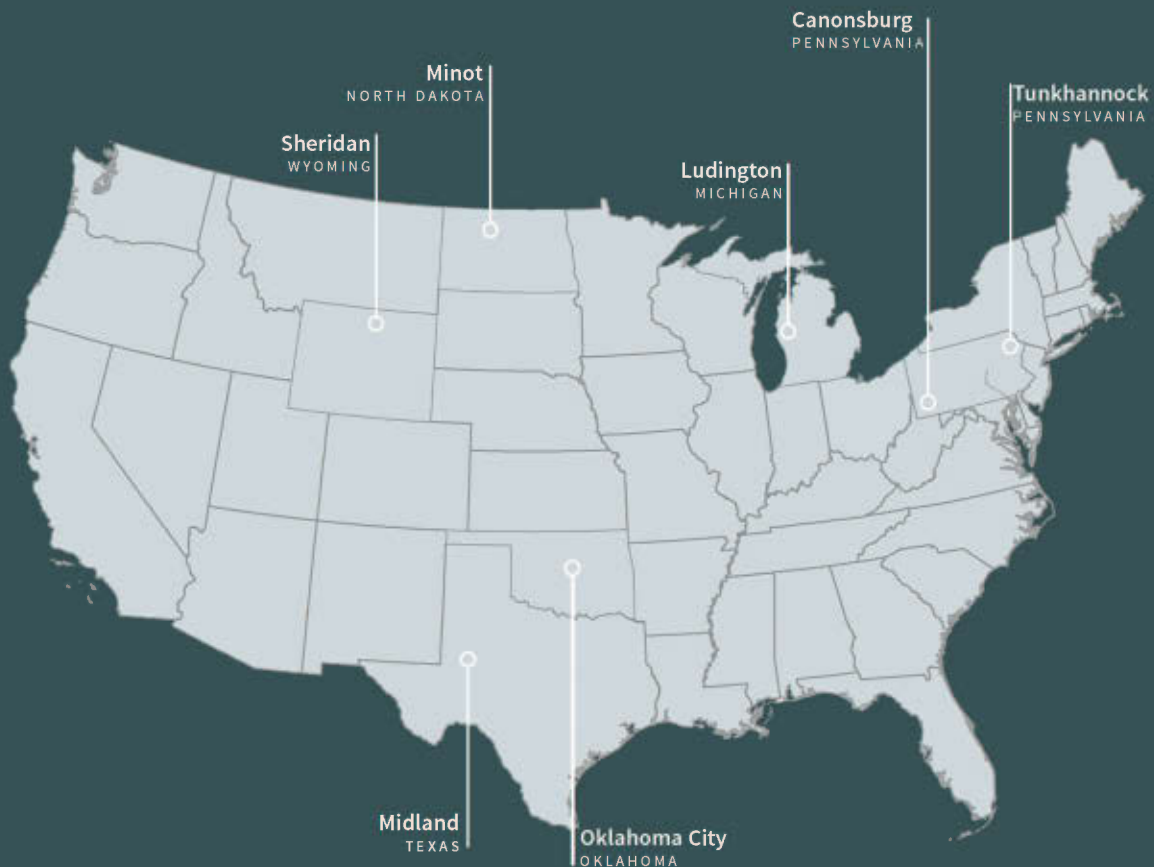
Formed in 1974, Western Land Services (WLS) is a full-service brokerage and consulting firm offering an expansive portfolio of land services. From full project management to individual support services, we deliver our best in class promise through committed personnel, cost effective solutions, quick project turnaround, and consistent results.

While we specialize in the integration of all service lines, we also realize the need for selective services at times, and therefore embrace each project as its own. Supporting clients from project inception to completion, WLS is your one stop shop for success.



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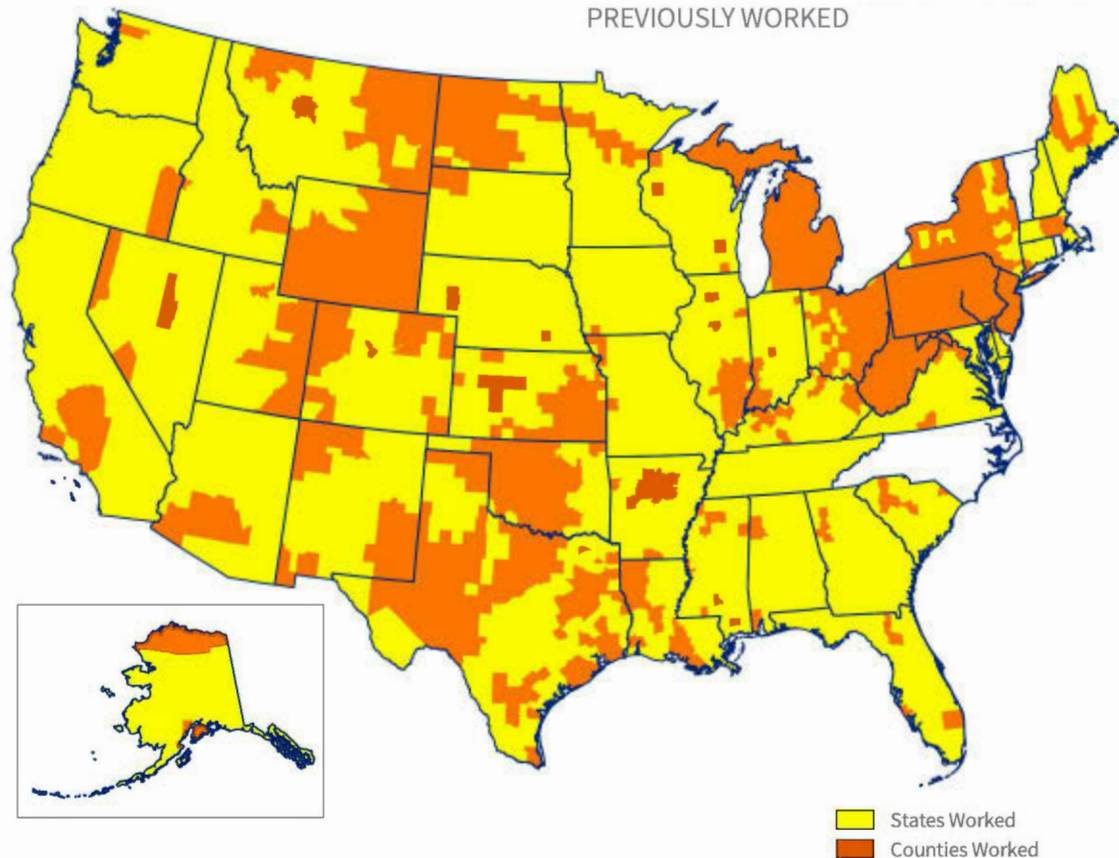
www.WesternLS.com



















OFFICE LOCATIONS

NATIONAL PRESENCE

OVER THE LAST 45 YEARS, WLS HAS DEVELOPED A NATIONAL FOOTPRINT OF EXPERTISE AND MAINTAINS AN ACTIVE PRESENCE ACROSS THE COUNTRY. WE ARE NOT LIMITED TO ANY PARTICULAR REGION, AND HAVE A LONG, SUCCESSFUL HISTORY OF GEARING UP IN NEW COUNTIES NOT PREVIOUSLY WORKED



AREAS OF **EXPERTISE**

-  ABSTRACTING
-  CURATIVE
-  DATA INTEGRITY
-  DUE DILIGENCE
-  ELECTRICAL
-  GIS-MAPPING
-  HEIRSHIP
-  LAND TECH SUPPORT
-  LEASING
-  REAL ESTATE
-  REMOTE LAND SUPPORT
-  RENEWABLES
-  RIGHT-OF-WAY
-  SEISMIC & PERMITTING
-  TIMBER
-  TITLE



PROJECT MANAGEMENT

WE CAREFULLY HANDLE EVERY PROJECT START TO FINISH, FROM MAPPING TO TITLE, AND BEYOND.

WLS has played a critical role in developing and managing assets in prominent energy plays across the U.S. An instrumental part of our clients' success stems from our ability to provide best in class project management services and personnel. Key to successful project management, we invest in our leaders – in their knowledge and in their skills through continued education and training.

Our Project Managers have a relentless commitment to our clients' short and long term needs, anticipating challenges and providing informed guidance every step of the way. On every project, WLS focuses on consistent, effective and transparent communication, leading to timely and cost-effective project resolution and results.

Whether interested in one service or the whole portfolio, project management is our expertise. You can count on WLS to allocate the right people, ample resources, and crucial experience to ensure your project is completed on time, within budget, and to your ultimate satisfaction.

LEASING

TEAM WLS HAS SUCCESSFULLY LEASED OVER 15 MILLION ACRES NATIONWIDE.

Our land agents skillfully negotiate and secure assets on your behalf, while addressing landowner concerns and complying with government regulations to maintain good standing relationships with all invested stakeholders. Windows of opportunities are short-lived during the procurement stage. Our swift mobilization and negotiation abilities produce the results you need during this critical stage of the development process.

WLS also has 20+ years of experience arranging mass lease signing events, the largest of which contributed to the acquisition of over 47,000 gross acres.

- » **Mineral & Surface Leasing**
- » **Private, State, Federal, and BIA Nominations and Leasing**
- » **Mass Lease Signings**
- » **Open House/Community Support**
- » **Town Site Leasing**
- » **Drilling Unit Infill Leasing**





RIGHT-OF-WAY

WE ENSURE OUR CLIENTS' PROJECTS ARE BROUGHT ON-LINE IN A TIMELY & COST-EFFECTIVE MANNER

Having acquired thousands of miles of Right-of-Way (ROW), our ROW team is recognized for:

VERSATILITY » Experience with ROW support for crude oil, natural gas, NGL, electrical transmission, and water lines of all scopes and sizes.

EXPERTISE » Ability to manage all facets of ROW projects from start to finish, including projects administered by the Federal Energy Regulatory Commission (FERC).

LIAISON RELATIONS » On behalf of clients, WLS educates and works with landowners, government agencies, and entire communities, building strong relationships for optimal project results.

ROW SUPPORT SERVICES INCLUDE:

- » Project Management
- » ROW Negotiations & Procurement
- » Access Rights / Survey Permissions
- » Routing
- » Condemnation Support
- » GPS Data Collection
- » FERC Support
- » Due Diligence
- » Damage Settlements
- » Non-Environmental Permitting
- » Construction / Reclamation / Survey Support
- » Surface Site / Fee Acquisition
- » Title Reports / Certificates
- » Preliminary, Exhibit, & As-Built Maps
- » Administrative Support
- » Integrity Digs / Support





GEOGRAPHIC INFORMATION SYSTEMS

With a sizeable team, the WLS GIS department is recognized for high quality maps, comprehensive data products, and an unparalleled responsiveness. GIS is a common thread between all service lines providing continual, reliable support directly to the client and the entire WLS workforce.

- » **Maps for Analysis & Display**
- » **Lease, Mineral, & Legacy Mapping**
- » **Project Layout & Topographical Maps**
- » **Unit Proposition Maps**
- » **Well & Production Checks**
- » **Proposed, Exhibit, & As-Built Maps**
- » **Mapping of Pipeline Routes/Reroutes**
- » **Customized Products
(Maps, Shapefiles, Layer Files, Reports)**
- » **Geodatabase Design & Development**
- » **Webmap Applications**
- » **KML Import & Creation**
- » **ESRI ARCGIS 10.X Software**
- » **Onsite Contract Work**

COMPASS

WEBGIS

PA Wells	
AFL	015-20013
Operator	GODWIN JND INC
Farm Name	LLOYD JONES
Farm Number	1
County	BRADFORD
Depth	1,230
Type	DRY
Production Date	10/10/1990 8:00 PM
Zoom to	

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

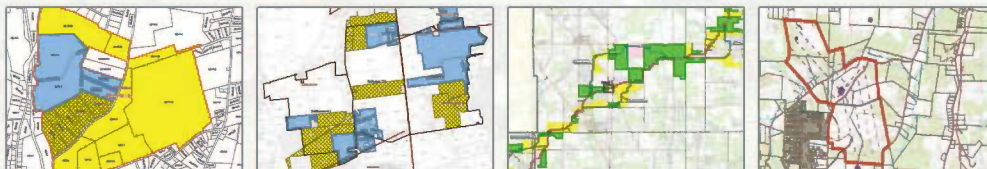
Compass, our WebGIS based project management platform, brings together technology from Esri, Latitude Geographics, and Microsoft, generating a state of the art system to support our projects. With 24/7 access to resources in a secure, user friendly forum via internet, this centralized platform serves 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
- » Accelerated Research Capabilities
- » Navigate Seamlessly Between Projects
- » Track Acquisition, Title, Permitting, Etc.
- » Customizable & Automated Reports
- » Print PDF Maps
- » Attachment Capability
- » Secure Access

With WebGIS, field representatives and office staff can coordinate, collaborate, and communicate more effectively.



GIS LEASEHOLD DATABASE



WLS offers an invaluable resource to the energy industry: accurate & inclusive 3rd party competitor leasehold and unit data. Our fully attributed datasets represent the past 10-20 years' worth of oil and gas activity on a per tract level. The Premise - transforming recorded leasehold documents (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, lessor, lease date, term, acres, depth, etc.)
- » Creation of supplemental possible HBP & unit boundary layers

DELIVERABLES

- » Leasehold & unit shapefiles, file geodatabases, and/or Excel files
- » Web map, PDF map, and map/feature Services
- » Regular updates — monthly, quarterly, or yearly

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 FULLY DEDICATED TO MAINTAINING OVER 100 COUNTIES OF LEASEHOLD AND UNIT DATA.

Don't see coverage for a county? No problem – new geographies can be compiled in 3-10 weeks.

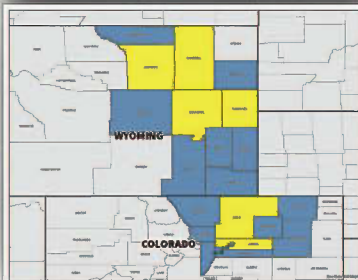
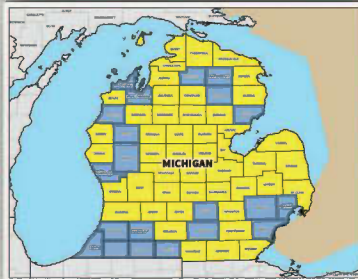
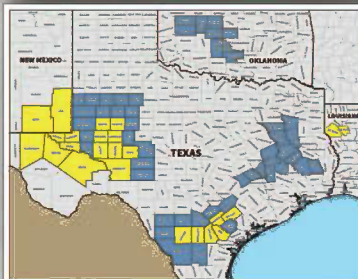
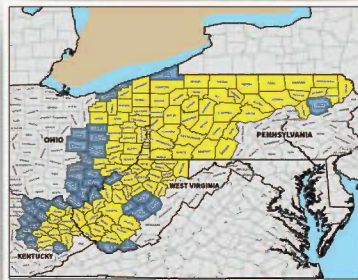
The quality is evident. From document collection, to mapping and maintenance, defined standard operating procedures are followed to generate consistent, reliable results.

**MASTER LEASEHOLD DATABASE
COMPRISED OF:**

- » Over 2,000,000 leasehold records
 - » More than 90,000,000 acres
 - » Over 30,000 unit boundaries
-

What does this mean to you? From this database, we can readily produce shapefiles, maps and reports to assist your organization's key stakeholders in making educated, timely decisions related to business development, land management and operations.

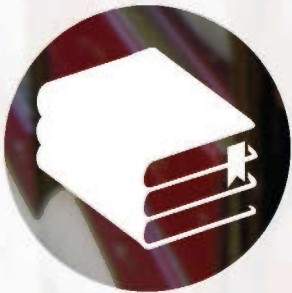
» Contact us today for a quote, web demonstration, in-house demonstration, or even a sample dataset for evaluation on your own accord.



TITLE

HAVE A PROJECT REQUIRING TITLE EXAMINATION UNDER A TIGHT DEADLINE?

WLS has a depth of Title services, trademarked by quick turnaround and accurate results, but customized to the various needs of each industry, be it Oil & Gas, Renewables, Real Estate, Right-of-Way, and more. Our examiners, many of whom are cross-trained in Abstracting and Due Diligence, are multifaceted and prepared to handle title projects of all sizes. The team is also comprised of licensed attorneys, knowledgeable in oil and gas law, family law, and business law.



- » National workforce to run title wherever your needs arise
- » Surface & mineral searches, tailored to client specifications
- » Searches include taxes, liens, judgments, and encumbrances
- » Customized reports and other deliverables
- » Reduced costs as a result of utilizing technology to maximize search efficiency
- » Comfortable bidding on title work on a per tract basis, with more aggressive cost estimates based on increased volume



ABSTRACTING

OUR ABSTRACTING DEPARTMENT CAN PERFORM IN-DEPTH RESEARCH BACK TO PATENT, WITH EXTREME DETAIL TO VERIFY THE CHAIN OF TITLE.

Digital abstracts are prepared for quick and convenient access to review every document relevant to the title chain, each being hyperlinked or bookmarked for immediate document retrieval. This allows clients to effortlessly review the information they need, better enables attorneys to write title opinions, and gives curative departments the ability to effectively prep curative documents.

- » Adept with private, State, BLM, BIA, and other regulated lands.
- » Complete title chain flow charts
- » Collaboration with Law Firms & 3rd Party Attorneys
- » Customized deliverables (ie: Deed Plots, Well Packets, Historical Overlays, Units Maps)
- » Reduced costs through online research and in-house collaboration
- » Heirship investigation & integration
- » Local pool of experienced, successful examiners in key operating areas



DUE DILIGENCE

OUR DUE DILIGENCE TEAM INCLUDES ATTORNEYS, CERTIFIED CPLS AND RPLS, AND EXPERIENCED LANDMEN CROSS-TRAINED IN LEASE, TITLE, & PRODUCTION REVIEW.

The WLS DD Team has performed due diligence on over \$20 billion worth of assets. Our highly skilled team works together on every due diligence project to ensure consistent and reliable results. From full mergers spanning several states, to small internal audits, our team can mobilize to meet your needs with maximum efficiency.

- » Confirmation that all payments (bonus, rentals, royalties, and shut-ins) have been accurately tendered
- » Mineral ownership and leasehold validation
- » Tax, lien, judgment and encumbrance checks
- » Examine WI, NRI, ORRI and assignments
- » Identification of defects associated with lease and title
- » Curative requirement identification and fulfillment
- » Review DTO/DOTOs to ensure requirements are met
- » Well and production research
- » Review HBP status and confirm continuous production or shut-in payments
- » Lease provision summarization and obligation review
- » Preparation of exhibits for closing documents

REMOTE LAND SUPPORT



OUR IN-HOUSE LAND PROFESSIONALS CAN MAINTAIN A CALL CENTER, CONDUCT A MASS MAIL OUT AND PERFORM ACQUISITION FUNCTIONS, ELIMINATING TRAVEL EXPENSES FOR SIGNIFICANT COST SAVINGS.

The Land Support Center is a hub for remote work that can greatly facilitate the land efforts of our clients. Here is just a small sample of how our Land Support Center can help in your land efforts:

» **MAIL OUTS-** WLS can prepare letters / packets and serve as a point of contact 24/7, freeing up time for field staff to focus on getting documents signed.

» **CALL CENTER-** Whether it's answering questions in regard to a mail out, or cold calling in an AOI to secure meetings or rights, our Land Support Center has years of experience in numerous Oil & Gas plays across the county.

» **LEASING ABSENTEE OWNERS-** If numerous land owners in your AOI live out of state or have a second home for the winter, our knowledgeable Land Support Center can locate individuals, make contact and negotiate an agreement on your behalf.

» **EXPEDITED DOCUMENT PREPARATION-** Our staff can efficiently and accurately prepare Leases, Easements, Amendments, Affidavits and many other land related documents.

CURATIVE

ARE COMPLEX CURATIVE ISSUES TAKING TOO LONG TO RESOLVE OR SLOWING DOWN THE TITLE PROCESS?

WLS has a department dedicated to curing title defects at any stage of the title process.

Our experienced team of attorneys, CPLs, and RPLs have analyzed and cured Drilling Title Opinions nationwide. We also have experience managing and auditing pay decks, including review of Division Order Title Opinions. Teaming with our in-house call center, WLS's Curative Department provides low cost solutions to curative issues that commonly delay lease payments, streamlining the curative process and professionally corresponding with landowners.

EXCLUSIVITY

» Full department devoted to resolving curative issues.

PROVEN TRACK RECORD

» Cured more than 5,000+ title opinions nationwide over the last five years.



HEIRSHIP RESEARCH

ACCESS TO PREMIER HEIRSHIP TOOLS

Tasked with locating missing beneficiaries, heirs, trustees, and legatees, our heirship department performs search inquiries and provides legal and supplementary documentation to establish identities of these missing individuals, alive or deceased. Supported by a highly qualified team of genealogical research professionals, nearly a decade of combined heirship experience, and proprietary software designed specifically for such investigations, WLS joins traditional sources of research with new and improved methods for an efficient and superior solution

» **WLS maintains subscriptions to industry-leading people finding platforms**

With WLS, you benefit from industry-leading technology for tracking down vital information. Since WLS services multiple clients, you pay only a fraction of the cost for the same high powered search engines. Whether you are looking for traditional heirship work or just accurate contact information, WLS's Heirship Department generates accurate and efficient results.

Once missing heirs have been tracked down, let WLS take the next step and get them signed via our Call Center comprised of experienced land agents, cutting down on expenses and travel time to benefit your bottom line.



RENEWABLES

WLS OFFERS SERVICES TO THE RENEWABLES SECTOR, PROVIDING SUPPORT AT ALL STAGES OF DEVELOPMENT AND FOR VARIOUS TYPES OF RENEWABLE ENERGIES, INCLUDING SOLAR & WIND.

SERVICES INCLUDE, BUT ARE NOT LIMITED TO:

- » Project Management
- » GIS Site Selection & Mapping
- » Surface Ownership Identification
- » Due Diligence
- » Surface Negotiations & Acquisition
- » Option Acquisition
- » Access Roads & ROW Acquisition
- » Public Outreach
- » Regulatory Compliance
- » Damage Settlements
- » Document Prep & Management

The image is a composite. The left side shows a forest of tall, thin pine trees with a small tree in the foreground having yellow and green leaves. The right side is a dark grey overlay containing text. At the bottom, there is a pile of cut logs and a yellow crane.

TIMBER ASSET MANAGEMENT

WLS OFFERS A SUITE OF SERVICES CONDUCIVE TO ORGANIZATIONS IN THE TIMBER INDUSTRY, INCLUDING TIMBERLAND HOLDINGS, TIMBER PURCHASING, TIMBER INVESTING, AND TIMBER HARVESTING OUTFITS.

- » Our innovative and resourceful project management platform, Compass, allows monitoring of assets and additional resources in real time
- » Support throughout all cycles of asset management, including acquisition/procurement, contract document prep, scanning and digital storage
- » Landowner identification and contact information research and collection
- » Surface title research, Due Diligence and contract negotiation
- » Sizeable GIS department which utilizes state of the art mapping technologies to aid in targeting opportunities and spatial analysis

LAND TECH SUPPORT

SUCCESSFUL PROJECTS REQUIRE RELIABLE ADMINISTRATIVE SUPPORT. Staffed with over 30 individuals, our **processing** department is experienced in processing lease and ROW packets in 25 states.

ORGANIZED FOCUS » Staff are tasked with systematically organizing and processing incoming data from land agents. They maintain communication, collaboration, and consistency between all parties for ongoing support, while producing necessary reports and analyses through database manipulation and integrity.

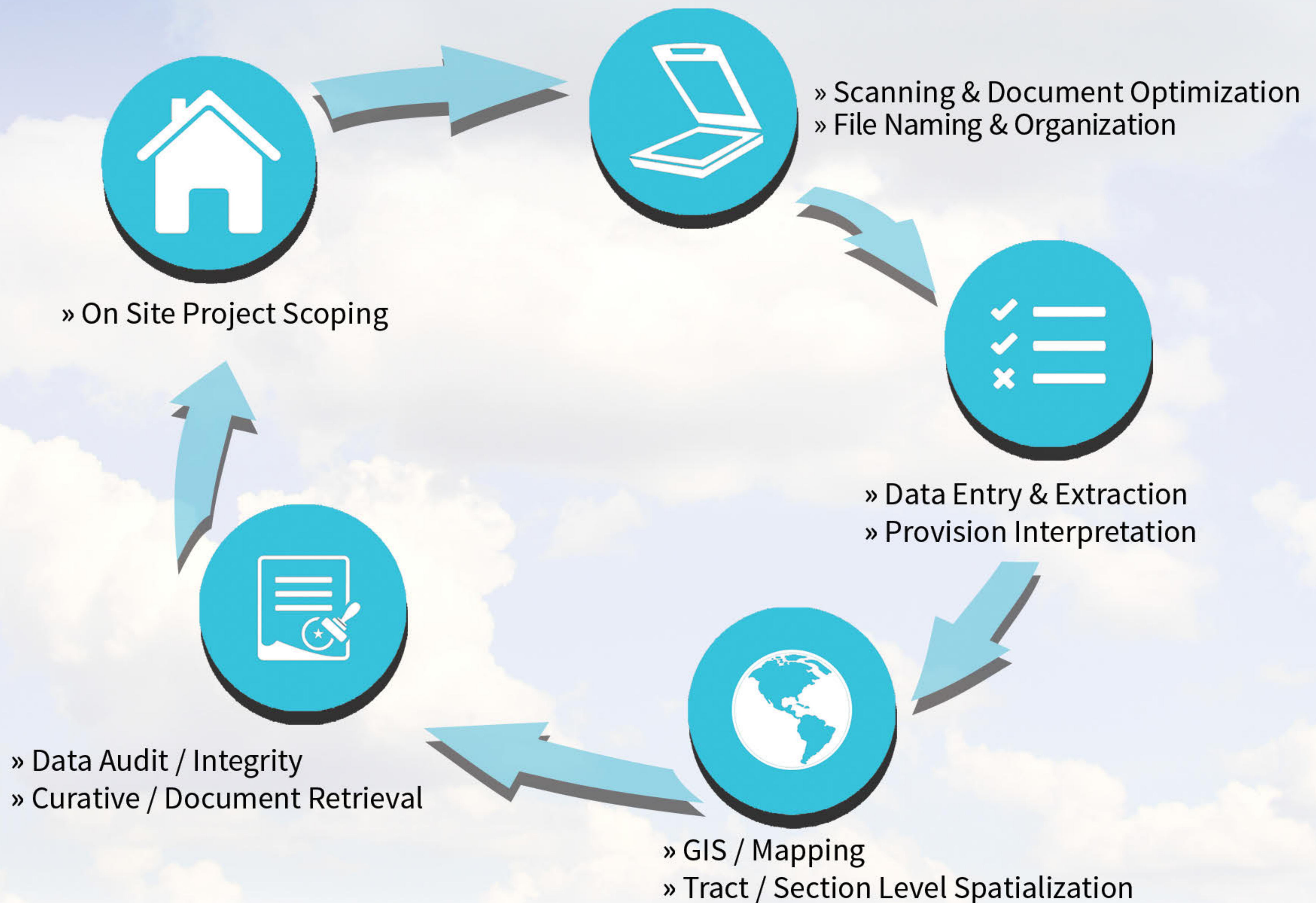
QUALITY CONTROL » All processes are embedded with proven quality control measures, including multiple step validation and review procedures completed by qualified personnel, including GIS staff, to ensure accuracy.

LAND TECH SUPPORT INCLUDES:

- » Document prep, review, & recording
- » Mass mail-outs to jump-start acquisition projects
- » Database design & management – customized to client needs
- » Weekly acquisition reports and contact report monitoring
- » Cost Analysis Reports (Cost Sheets)
- » Payment processing, including 1099 preparation and mailing
- » Maintaining permit & regulatory compliance files
- » Supplementary call center

DATA INTEGRITY SOLUTIONS

WLS has team members versed in industry leading land management systems. Combined, our technical, land, and industry expertise lends itself to successful land management system onboarding, data conversions, and data integrity/auditing projects.



» LET US BE YOUR **ONE STOP SHOP!**



SEISMIC SUPPORT

NEED ASSISTANCE FACILITATING SEISMIC ON A PROJECT?

WLS has a wealth of experience in this arena, whether working with client designated seismic companies or selecting a contractor on our client's behalf. We recognize how important reliable seismic results are to a project's success, and can aid in every step from acquisition of permits to clean up after seismic operations are complete. Serving as liaison, we provide support in all capacities to ensure a smooth process from start to finish.

- » Acquisition of seismic permits
- » Regulatory compliance with state, federal, and local agencies
- » Successfully managed 2D & 3D seismic projects
- » Landowner notification prior to seismic
- » Identify & map landing zones, staging areas, access roads & hazards
- » GIS mapping & database management for surface & mineral ownership
- » Handling of drill log production reports
- » Crop damage settlements

PERMITTING



WLS HAS A PROVEN TRACK RECORD OF SUCCESSFULLY NAVIGATING THE CHALLENGES AND NECESSARY SYNERGY OF OUR CLIENTS' PROJECTS WITHIN THE PERMITTING, COMPLIANCE AND REGULATORY FACETS OF THE OIL AND GAS ARENA.

WLS has assisted in the progression of thousands of drilled wells and many miles of constructed right of way. The following showcases our proficiency and contributions towards our client's plans of development.

- » Assisted on 1,500+ well locations in the Rocky Mountain Region, including BLM "on sites"
- » Multiple DOT HWY/Interstate crossing permits
- » Section line and county road crossing permits
- » Collaboration with the BLM and State Offices for parcel nominations and suspensions
- » Successful navigation of leasing and right of way acquisition of Tribal and other lands under the BIA jurisdiction
- » US Army Corp of Engineers Service permitting
- » SF-299 and other US Forest Service Programming
- » NEPA and EA project management and review

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CORE VALUES



Integrity



Teamwork



Relationships



Ownership



Development



Pursuit of Excellence



Innovation



LAND, ENERGY, & PEOPLE

The Western Way is more than just a motto at **Western Land Services**. It's a way of life. It is a promise to commit to every project with enthusiasm and expertise. It is an oath to exceed the expectations of our clients through our approach and results. It is a vow to roll up our sleeves to tackle challenges and actively pursue new opportunities. And, it is what makes WLS best in class.