ONE SOURCE. EVERY DECISION

OILFIELDH20

Water Intelligence for Upstream Planning



OilfieldH2O for Confident Water & Injection Decisions

In today's unconventional plays, water and pressure aren't just operational factors—they're strategic variables that influence every stage of the upstream lifecycle, from planning and permitting to production and abandonment.

OilfieldH2O gives asset teams a unified view of the subsurface and surface systems that shape the value of your assets. By integrating injection, production, infrastructure, seismicity, land, and pressure data into a single platform, OilfieldH2O empowers faster, more informed decisions across upstream functions.

Whether you're forecasting disposal constraints, evaluating seismic risk, or optimizing production, OilfieldH2O turns water intelligence into a competitive advantage—at every phase of asset development.



WATER MANAGEMENT SOLUTIONS ACROSS THE ASSET LIFECYCLE



Strategic Planning & Portfolio Management

- Assess water forecasts, disposal limits, and infrastructure.
- Verify land ownership and water rights.
- Identify and quantify regulatory or seismic risks.



Development Planning

- Set water handling strategy (sourcing, disposal, recycling, reuse).
- Start SWD permitting.
- Plan infrastructure from SWDs: takeaways, pipelines, and storage.



Drilling & Completions

- Ensure frac water is sourced, transported, and stored efficiently.
- Manage flowback and early produced water disposal to avoid operational bottlenecks.
- Ensure access to temporary storage sites, frac ponds, and laydown yards.



Production Operations

- Monitor SWD performance, injectivity, and pressure.
- Align disposal capacity with production.
- Increase recycling to cut costs.
- Maintain permit and agreement compliance.



Enhanced Recovery

- Forecast added water from recompletions.
- Check disposal and infrastructure for higher volumes.
- Verify surface agreements and pipelines for new water flows.



Divestment & Abandonment

- Plan SWD P&A per regulations and land terms.
- Transfer infrastructure and permits in divestments.
- Resolve legacy liabilities, remediation, and easements.

Operational Execution

Daily produced water handling to maintain uptime and economics.

Infrastructure Planning

SWDs, pipelines, recycling facilities.

Subsurface Pressure

Pressure changes, migration.

Landownership & Surface Use

Permits, easements, water rights, stakeholder engagement.

Regulatory Compliance

SWD permitting, seismicity guidelines, and environmental requirements.



B3 WATER & PRESSURE INTELLIGENCE IN OILFIELDH20

Injection Wells

Unlock operational foresight with the most comprehensive and timely injection well data available—empowering accurate capacity planning, business intelligence, asset optimization, and regulatory compliance.

Includes: SWD & EOR well locations, ownership, status, completion interval, wellbore construction, injected volume and pressure through time, detailed permitting information, complete regulatory filings, and source documents.

Seismicity

Offering a comprehensive view of historical and near-realtime seismic events—consisting of multiple sources, deduped and timestamped, that are essential for monitoring seismicity, mitigating risk, and informing injection strategy.

Includes: Seismic events reported by multiple public sources, updated hourly, and automated alerts.

DATA INTEGRATIONS

Enverus Connector

Integrate Enverus data to view permits, rigs, completions, production, transactions and lease info by operator.

Nanometrics Seismic Connector

Access near-real-time Nanometrics data for high-resolution seismic insights that support risk mitigation and informed decision-making.

Production Wells

B3's production data provides comprehensive, highresolution oil, gas, and produced water volumes critical inputs for accurate water forecasting, disposal planning, and decision making.

Includes: production locations, permit locations, ownership, production volumes for oil, gas, and water, water transportation records, and skim oil volumes.

Land & Infrastructure

Access critical spatial context for siting SWDs, routing infrastructure, development planning, and conservation efforts.

Includes: surface land parcel ownership details, produced water and commodity pipelines, regulatory and geologic boundaries, and infrastructure locations.

Pressure

Anticipate pressure constraints before they impact production. Derived formation pressure data and historical pressure tests help teams understand pressure-constrained capacity, drilling risks, and environmental hazards, while also validating permitting assumptions.

Includes: Formation pressure data, pressure capacity metrics, pressure test data and locations.

Water

B3 unifies groundwater and surface water datasets into one standardized database—linking subsurface water quality, groundwater well inventories and statewide surface water rights—supporting sourcing decisions, compliance, and due diligence.

Includes: Water sample locations and chemistry, water well locations and yields, surface water rights, and recycling facilities.

One Source. Every Decision.

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