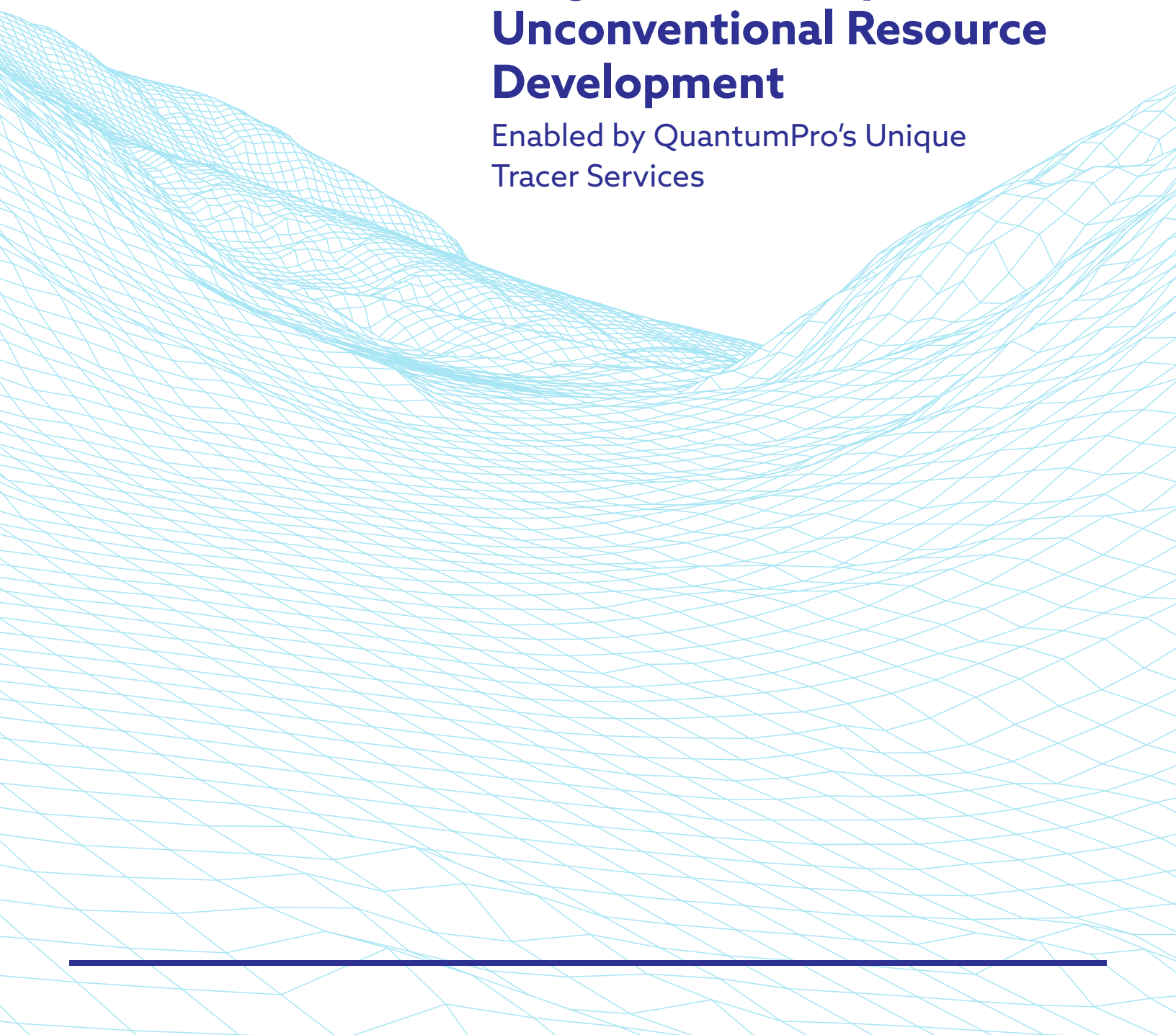




QuantumPro, Inc.

AI-Enabled Intelligent Diagnostics Study for Unconventional Resource Development

Enabled by QuantumPro's Unique
Tracer Services



Leveraging a unique understanding of fluid flow derived from our ultrahigh-resolution and ultrahigh-temperature nanoparticle tracer data services, QuantumPro's AI-Enabled Intelligent Diagnostics Study supports enhanced decision-making in well placement, completion and frac design, and production optimization for unconventional resources.

Drawing on successful application in over 500+ unconventional wells in the Permian, Eagle Ford, Bakken, and Haynesville Basins, QuantumPro's predictive model offers an innovative, cost-effective, and scalable solution to address many of the challenges faced by E&P operators.

How Our Proprietary AI Model Works

Our AI-Enabled Predictive Model is a sophisticated engine that integrates key data streams to generate actionable insights:

- **Operational Expertise:** Incorporating lessons learned from extensive stage-level production data and field-proven applications.
- **Advanced Analytics:** Applying cutting-edge machine learning and artificial intelligence technologies.
- **Public & Proprietary Data:** Leveraging publicly available field and stage-level production data alongside your specific proprietary information.

Data Inputs for Analysis

Our predictive model is applied to your available datasets, providing a comprehensive analysis.

Relevant data typically includes:

- Wellbore and cluster spacing (planned & existing)
 - Proppant and fracturing fluid volumes per perforated interval
 - Pumping rates and downhole pressure profiles
 - Deviations within perforated intervals
 - Tracer flow and return concentrations over time
 - Observations from adjacent offset wells
 - Other relevant operational and geological information
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Tangible Results: Benefits of QuantumPro AI Diagnostics

Implementing QuantumPro's AI-Enabled Intelligent Diagnostics Study delivers clear, measurable benefits:

- **Optimized Frac Design and Well Placement:** Tailored parameters precisely aligned with formation characteristics.
- **Enhanced Diagnostic Accuracy:** Customized tracer deployment strategies for richer data capture.
- **Maximized Hydrocarbon Recovery:** Improved production forecasting and higher overall resource recovery.
- **Reduced Operational Risk:** Minimize inter-well communication and early breakthrough incidents.

This service directly contributes to better field performance, higher resource recovery, and lower operational risk across your assets.

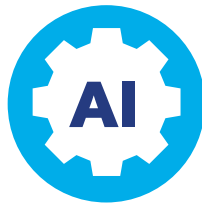
Operational Implementation



Project Agreement



Data Loading



Model Build



Pilot Test



Scale-Up

Seamless Implementation Framework

We follow a structured approach to integrate our service into your operations:

1. **Project Scoping:** Finalize project scope.
 2. **Study Area Identification:** Define target areas for model application.
 3. **Data Integration:** Load, structure, validation, and resolve gaps in historical and operational datasets.
 4. **Model Development:** Develop customized predictive models aligned with your specific objectives.
 5. **Field Validation:** Deploy, validate, and refine the model using real-world operational performance data.
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Get Started with a Pilot

Ready to see the impact? Pilot programs are available immediately, allowing you to quickly demonstrate operational value and scalability within your assets.

QuantumPro, Inc. is uniquely positioned with the combined power of advanced AI and proprietary nanoparticle tracer data learnings to

support your unconventional development initiatives. We improve operational outcomes, mitigate risk, and enhance capital efficiency.

We welcome the opportunity to collaborate and deliver a measurable, lasting impact on your field development programs.

Why Choose QuantumPro, Inc.?

With over 20 years of industry experience in subsurface reservoir modeling, geomechanics, nano-tracing, and advanced technology evaluation, our team of experts offers unparalleled expertise in designing cost-effective and technically optimized ultra-high-resolution nanoparticle tracer reservoir monitoring programs.

Learn More:

- **FloTrac™**
<https://quantumprot.com/flotrac>
- **OmniTrac™**
<https://quantumprot.com/omnitrac>
- **PerfTrac™**
<https://quantumprot.com/perftrac>
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Contact us today to discuss your reservoir monitoring needs and get started with your AI-Enabled Intelligent Diagnostics Study for Unconventional Resource Development!

