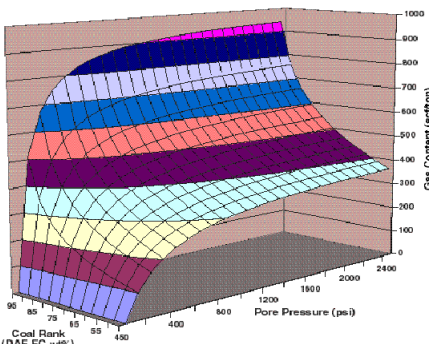
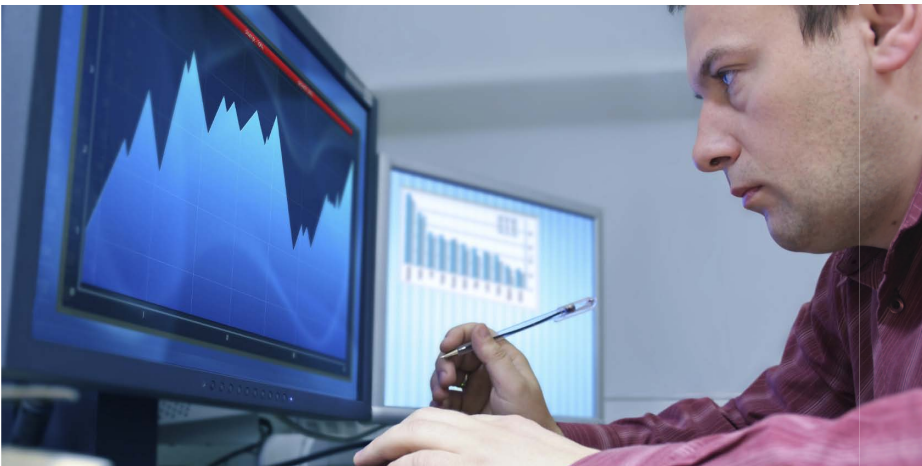


analysis

Unconventional Resources - Shales

Some of today's best opportunities are found in unconventional gas and liquids plays (shales, tight gas, and coal bed methane [CBM]). These plays often yield large, long-lived, and low-risk reserves. Knowing how to stimulate, complete, and model these reservoirs is critical to increasing productivity and maximizing investment.



Coal Ranking & Characterization

Unconventional Resources Consulting Team

- Rich expertise in shale reservoir evaluation and operations
- Deep experience across all US plays
- Expertise in shale resource reserves assessment
- Group has specific technical experience and broad new ventures exposure across international basins
- Broad base of experience in unconventional resource evaluation and development (including tight gas, coal bed methane and heavy oil)
- 10 geoscientists and engineers
- Technical process outlined for clients
- Team engaged on multiple projects

Next Steps

Need more information? Want to speak with an expert? Contact Knowledge Reservoir at anytime using the information below. We can create a proposal specific to your project within just a few business days. Give us a call for more details.



Contact Us

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Shale Experience

Year	Client	Location	Description of Work
2001-2008	Shell	USA	Multiple Resourcing Projects
2006	Shell	USA	Detailed Core Analysis and Analysis of Fracture Systems in Oil Shales
2007-2008	EnCana Oil and Gas	USA, Barnett	Petrophysical Interpretation for Fort Worth Basin, Barnett Shale
2008-2009	Occidental Oil and Gas	USA, California	Development of a New Unconventional Resource Play in the San Joaquin Valley
2008	Baseline Oil & Gas Corp.	USA, Albany Shale	Assessment of New Albany Shale Gas Play
2008	EnCana Oil and Gas	USA, Barnett	Petrophysical Interpretation for Fort Worth Basin, Barnett Shale
2008	EnCana Oil and Gas	USA, Barnett	North Texas Barnett Shale Evaluation
2008	Trey Resources	USA, Woodford	Support Client in Planning, Conducting, and Evaluating a Drawdown and Buildup Test on a Woodford Shale Well
2010	GMX Resources	USA, Haynesville	Provide Arbitration Support Related to Wells Drilled by Partner in the Haynesville
2010	Occidental of Elk Hills, Inc	USA, California	Develop a New Unconventional Resource Play in the San Joaquin Basin
2010	CIECO	USA, Niobrara	Independent Assessment of Fidelity's Analysis and Cieco's Analysis of Oil Saturations and Thermal Maturity Risks
2010	Noble Energy	USA, Eagle Ford	Build Simulation Model for the High Condensate Portion of the Eagle Ford
2010	Seneca Resources	USA, Marcellus	Marcellus Reservoir and Operational Evaluation
2010-2011	Statoil US E&P	USA, Marcellus	Advise Marcellus Team on Completion Strategies and Techniques
2010-2011	Statoil US E&P	USA, Marcellus	Manage, Input, and Quality Control a Variety of Drilling and Completion Operational and Engineering Data for Marcellus Technical Team
2010-2011	Seneca Resources	USA, Marcellus	Develop a Matrix for Information and Knowledge Management Improvements for Marcellus Team
2010-2011	Occidental Petroleum	USA, California	Reservoir Engineering Consulting to Shales Team
2011	Shell	USA	Reservoir Engineering Consultant Positioned within Integrated Subsurface Team Developing the In-Situ Conversion Process (ICP) in Oil Shale and the In-Situ Upgrading Process (IUP) in Oil Sands for SURE
2011	Tembler Petroleum	USA, California	Review and Suggest Improvements to Proposed Workover and Fracing of Los Alamos Project Temblor 1-19 Well - Oversee the workover and frac job
2011	Marubeni Oil & Gas (USA) Inc.	USA, Bakken, Three Forks	Validation of Play Analysis and Future Investments in the Bakken and Three Forks Formations
2011	Statoil US E&P	USA	Develop Emerging Play Concepts in the Onshore North American Basins
2011	Murphy	USA, Eagle Ford	Reservoir Engineering and Operational Support for Murphy's Eagle Ford Shale Assets
2011	Maersk Oil	Denmark, North Sea	DUC Shale Evaluation - Determine what, if any, additional data and/or analysis are required to adequately assess the DUC shale's potential for commercial development.
2011	Petrohawk	USA, Eagle Ford	Assess Well Performance in the Eagle Ford Shale - Develop technical explanations for why some wells in a five-well area in the Eagle Ford Shale have performed poorly compared to others; present recommendations on completion and stimulation techniques to avoid poor performance in future wells
2011	Marubeni Oil & Gas (USA) Inc.	USA, Bakken	Reservoir Engineering Services for a Bakken Data Room Review
2011	Energy Prospecting Technology, Inc.	USA, Bakken	Western Montana Bakken Prospect Review - Determine the viability for investment of a Western Montana Bakken Project
2011	Petronas	Global Shale, Heavy Oil, CBM and Tight Gas plays	Development and Deployment of Unconventional Resource Workflows and Their capture in a Work Flow Process Tool (WFPT)
2011-2014	Petronas	Global Shale and CBM plays	3-year call-out agreement for petrotechnical support to Petronas in the assessment of unconventional shale and CBM plays

understanding