

AurumH2 Principals Have Significant Experience in Energy and Finance

Combined **85+ years** of experience in energy and finance focusing on running, financing, developing and auditing energy companies from Fortune **500** to startups



John Loeffelbein

- ✓ Mr. Loeffelbein started his oil & gas career in **1998** at Orion Oil and Gas, Inc., Amarillo, Texas.
- ✓ Managed lease acquisitions for Anadarko Petroleum, K&N Energy, and others.
- ✓ **Since 1998**, involved in buying and selling millions in oil & gas projects nationwide.
- ✓ Founded Coal Creek Energy, **LLC in 2004**, focusing on low-risk, high-reward Kansas leases.
- ✓ **Overseen 1,000** wells in Kansas; assisted Viking Energy Group, **Inc. in 2014**.
- ✓ Co-founded Vulcan Labs, **LLC in 2017**, supplying coated pipe to top oil & gas firms, reducing maintenance costs.



Milan Simic

- ✓ Senior operations executive with **18 years'** experience in finance and operations management.
- ✓ **Led 19 acquisitions**, expanding operations and increasing revenue for Houston families.
- ✓ Achieved top **300 operator** ranking in Texas within 3 years, doubling production through acquisitions and workovers.
- ✓ Managed end-to-end processes to optimize proven reserves and maximize cash flow.
- ✓ Holds a BBA in Accounting and Finance from Stephen F. Austin University; CPA licensed in Texas.

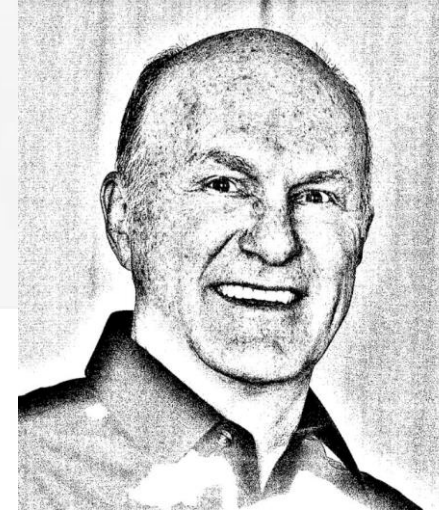
Technical Team



Doug Wight

Senior Exploration Geologist

- ✓ **Experience:** 38 years in the energy space
- ✓ **Expertise:** Conventional and unconventional reservoir evaluation, geophysical interpretation,
- ✓ **Positions:** VP of Exploration at FIML, Division Manager at Murchison Oil and Gas, VP of Business
- ✓ **Education:** US Naval Academy (ocean engineering), University of Oklahoma (BS in Geology)
- ✓ **Memberships:** IPAA, AAPG, WTGS, RMAG, Western Energy Alliance, TIPRO
- ✓ **Accomplishments:** Managed exploration budgets exceeding \$300MM annually, negotiated over 30,000,000 acres of exploration contracts and leases



William Pearson

Geophysical Engineer and Oceanographer

- ✓ **Experience:** Extensive in exploration, seismic-reflection, seismic-refraction, heat-flow probes, coding for seismic, gravity, magnetic, and heat-flow data Led 19 acquisitions, expanding operations and increasing revenue for Houston families.
- ✓ **Positions:** Field geologist, mining engineer, geophysicist, consultant, SEG Scholarship Committee member, Technical Committee member at SEG conventions
- ✓ **Education:** BS in Geophysical Engineering (Colorado School of Mines), PhD in Oceanography (University of Washington)
- ✓ **Accomplishments:** Instrumental in organizing the annual Denver Geophysical Society and Rocky Mountain Association of Geologists 3D Symposium

Technical Team



Dr. Reza Barati Ghahfarokhi

Associate Professor of Petroleum Engineering

- ✓ **Experience:** 7 years academic, 5 years industry
- ✓ **Expertise:** Reservoir engineering, simulation, improved oil recovery (IOR), reservoir stimulation
- ✓ **Positions:** Associate Professor at University of Kansas, Director of Tertiary Oil Recovery Program (TORP)
- ✓ **Education:** PhD and Bachelor's in Petroleum Engineering (University of Kansas), Chemical Engineering-Petroleum Engineering Minor (University of Petroleum Technology, Iran)
- ✓ **Accomplishments:** Authored/co-authored over 50 technical papers, edited two technical books, awarded SPE Faculty Innovative Teaching Award and Regional Distinguished Achievement Award for Petroleum Engineering Faculty



Monte M. Swan

Mineral and Petroleum Geologist and Engineer

- ✓ **Experience:** Over 37 years
- ✓ **Expertise:** Geologic and engineering research, basement geology, kinematic analysis, fluid flow, mineral and petroleum exploration
- ✓ **Positions:** Co-founder and Senior Geologist at MagmaChem Research Institute, Science Advisor for Enercat Technology
- ✓ **Education:** Master's in Geology (University of Arizona), Bachelor's in Geological Engineering (Michigan Technological University)
- ✓ **Accomplishments:** Developed Magma-Metal Series Classification, led to 20 discoveries worth \$102 billion, compiled extensive exploration databases, published numerous papers and presentations