July 2017

Dennis Rohan has been involved in oil, gas and energy projects, both as a petroleum reservoir engineer and as an energy finance professional throughout his career. He has particular strengths in business development in the energy and financial-services sectors of the economy and has helped executives obtain financing, improve success ratios, productivity, ROI and ROR. Below is a summation of his core competencies:

RESERVOIR ENGINEERING EXPERIENCE

* 15+ years engineering experience (ConocoPhillips, BP, Marathon Oil and private oil companies)
* Texas A&M University Bachelor of Science in Petroleum Engineering
* Evaluated operations and corporate reserves of many oil and gas companies I financed on Wall Street
* SEC / SPE-PRMS Reporting of oil and gas reserves and reserve audits with independent reserve auditors
* Conventional and unconventional experience (Permian Basin, Palo Duro, Eagle Ford, Barnett, Niobrara, etc.)
* UK North Sea experience working for a major oil and gas company (now ConocoPhillips), conducting onsite field evaluations and managing personnel. Later worked in New York City for a bank (now HSBC), evaluating fields in the North Sea for financing.
* Provided guidance in legal proceedings (depositions)
* Chief Engineer at Wells-Battelstein and NY Life
* Presented paper on West Texas Permian Basin (Wolfberry, Strawn, Cline, etc.) economics at the Horizontal Drilling U.S Shale & Tight Oil Plays 2013 Conference – researching Cline shale competitors in the Permian Basin
* Led team of 14 Geologists and Geophysicists on identifying shale oil and gas resource plays in the US and Canada
* Performed reservoir engineering evaluations and simulations for EOR (waterflooding) potential in Oklahoma and Kansas
* Field screening and recommendation of acquisitions using economic decision, probabilistic modeling and risk analysis
* Management information systems to establish consistency in evaluation and efficiently coordinate project development
* Volumetric and decline curve analysis in evaluation of M&A properties

FINANCE AND BANKING EXPERIENCE

* 14 years experience on Wall Street (commercial banking, M&A ($2.4 billion in 140+ net underwritings))
* Banker/Engineer with Hong Kong Shanghai Bank (HSBC), Bank of New York, Mizuho Bank and NY Life
* Work closely with CEOs and CFOs of many oil and gas companies, bankers, investment bankers, energy lawyers, private equity investors, reserve auditors
* Acting CFO (SVP) of an unconventional oil and gas, pre IPO company, developing the business plan, financial prospectus as well as presenting to private equity
* Worked directly with the CFO of a $500 MM public oil company on the TSX and NASDAQ on reserves and 10K reporting. Also, VP of Finance and Engineering at a private oil and gas company
* Harvard and JP Morgan Bank financial training, as well as excellent Excel (MS Office) skills
* Developed business plans and financial structures for financing oil and gas projects
* Elected to the Board of Directors of the Houston Energy Finance Group in 2014, a forum identifying current and future trends of oil and gas financing and connecting capital with companies in need of financing

SPECIALTIES:

Business Development ● Business Strategy ● Negotiation and problem solving ● Oil and Gas evaluation, forecasting and economics (PHDwin, ARIES) ● Mergers and Acquisitions (M&A) ● Preparation of business plans and financing proposals and PowerPoint management presentations ● Microsoft Excel (black belt level) ● Employee oil and gas mentoring ● Consensus building ● Oil and gas industry Insight and market analysis ● Shale oil, shale gas ● Extensive report writing ● Domestic (US onshore and Gulf of Mexico) and international experience ● Team leadership and mentoring ● Thrive in deadline driven environments ● Bias for action

Attached is my resume. Finally, I am working toward my professional engineers’ license. I look forward to discussing expert witness opportunities with you. Thank you.

Dennis Rohan

713-360-0209

OIL AND GAS ENGINEER AND EXECUTIVE

FINANCE / ENGINEERING / ECONOMICS

As a Reservoir Engineer / Business Development specialist, I have a very strong background in finance, engineering and economics. Strong engineering ability (15+ years in reservoir evaluation, waterflooding, enhanced recovery, unconventional shale play exploration characterization and evaluation, resource risking and comparative play analysis, simulation, reserves classification and reporting) from a major oil company and an independent oil company combined with economics, finance risk mitigation, site monitoring of field operations of companies being financed and business structuring experience with major Wall Street banks. Determined; ability to take initiative on the operational and financial performance of oil and gas assets and bring the project to a desired result, so the company can achieve its targets and priorities. B.S. Petroleum Engineering from Texas A&M University, JPMorgan Chase financial analysis school and Harvard investment banking schooling.

SPECIALTIES

Business Development ● Business Strategy ● Negotiation and problem solving ● Oil and Gas evaluation, Petroleum economics (volumetric and production forecasting / decline curve analysis) (PHDwin, ARIES) ● Acquisitions and Divestitures (A&D) ● Preparation of business plans and financing proposals and PowerPoint presentations ● Microsoft Excel (black belt level) ● Employee oil and gas mentoring ● Consensus building ● Oil and gas industry Insight and market analysis ● Shale oil, shale gas ● Extensive report writing ● Domestic (US onshore and Gulf of Mexico) and international experience ● Thrive in deadline driven environments ● Bias for action

SELECTED ACHIEVEMENTS

– Reservoir and business development engineer in a $100,000,000 enhanced recovery project in Oklahoma, providing reservoir analysis, analog field evaluation, simulation, economics, financial structure and presentations to investors. Results of the evaluation identified a 16 million barrel reserves project and ways to most efficiently recover the reserves

– Chief engineer of a large independent energy company, with over 500 wells located in Kansas, Louisiana, Texas and Oklahoma. Also, identified an oil prospect which developed into an oil field; developed several enhanced recovery projects; monitored drilling, reservoir performance, production, lease expirations and cost control

– Evaluated the reservoir and production aspects of geological exploration prospects West Texas, Oklahoma and in the Gulf of Mexico, reviewing analogs to prospects, performing probability modeling, risk mitigation, economics, analysis of facilities agreements and cash flows of prospects. Presented paper at a recent drilling conference

– Proactively in charge of a technical team consisting of geologists, geoscientists, engineers and PhD’s, providing direction in developing unconventional resource plays

– Director of Finance reporting to the CFO of a $500 MM energy company, handling the economic, production forecast evaluation and SEC reporting of oil and gas reserves, monitoring JOA performance, project costs and also performed an engineering evaluation of a GTL project in the Middle East

– Coordinated development of $250 million in private placement memoranda with company management for development of resource plays, which included working with outside legal team, investment bank and investors

– Vice President and Petroleum Engineer at several major Wall Street banks, with fourteen years Wall Street experience in evaluating the technical risks of oil and gas projects and providing economic analysis, cash flow and probability risk modeling and forecasting, managing a total portfolio over $2,000,000,000 in 140+ underwritings, supported by exhaustive reports mitigating risk for credit compliance, while monitoring financial performance

PROFESSIONAL EXPERIENCE

**DENNIS ROHAN, Independent Consultant, Missouri City, Texas**

[**Reservoir Engineer / Business Development**](https://www.linkedin.com/search?search=&title=Senior+Reservoir+Engineer+%2F+Business+Development&sortCriteria=R&keepFacets=true&currentTitle=CP&trk=prof-exp-title) **–** DOMESTIC AND INTERNATIONAL VALUATIONS *2017 – Present*

[**RALPH E. DAVIS**](https://www.linkedin.com/company/934602?trk=prof-exp-company-name) **ASSOCIATES, INC., Houston, Texas**

[**Reservoir Engineer / Business Development**](https://www.linkedin.com/search?search=&title=Senior+Reservoir+Engineer+%2F+Business+Development&sortCriteria=R&keepFacets=true&currentTitle=CP&trk=prof-exp-title) **–** DOMESTIC AND INTERNATIONAL VALUATIONS *2014 – 2017*

**[NAUTILUS ENERGY Ltd.](https://www.linkedin.com/company/934602?trk=prof-exp-company-name)**

**[Reservoir Engineer / Business Development](https://www.linkedin.com/search?search=&title=Senior+Reservoir+Engineer+%2F+Business+Development&sortCriteria=R&keepFacets=true&currentTitle=CP&trk=prof-exp-title" \o "Find others with this title) –** OKLAHOMA WATERFLOOD PROJECT*2008 – 2013*

**FOCUS EXPLORATION, Houston, Texas** *2010 – 2012*

**VP Engineering / VP Finance -** GULF OF MEXICO OIL AND GAS PROSPECT GENERATION COMPANY

**PETRON RESOURCES, L.P., Frisco (Dallas), Texas** *2007 – 2010*

**Senior Vice President – Finance; Reported to CEO**

COMPANY DEVELOPED TO IDENTIFY UNCONVENTIONAL RESOURCES (SHALE OIL, SHALE GAS, CBM)

**IVANHOE ENERGY, Houston, Texas** *2001 – 2003*

**Director of Finance and Project Finance Expert: Reported to CFO**

$500 MILLION MARKET CAPITAL PUBLIC ENERGY COMPANY

**ENTERPRISE, Houston, Texas** *1999 – 2013*

**Chief Financial/Technical Advisor – oil, gas, power & technology**

CONSULTING AND ADVISORY SERVICES DEVELOPED TO IDENTIFY ENERGY PROJECTS AND SOURCE CAPITAL

**RELIANT ENERGY, Houston, Texas**  *1997 – 1999*

**Manager, Finance; Reported to SVP of the commodity hedging division**

#147 IN FORTUNE’S 500 RANKING WITH $12 BILLION IN REVENUES

**THE FUJI BANK, LIMITED, New York City** *1994 – 1997*

**Vice President - Project Finance (Regional Manager); Reported to Joint General Manager**

$600 BILLION IN ASSETS, THE WORLD’S LARGEST BANK AT THAT TIME; NOW CALLED MIZUHO

**THE BANK OF NEW YORK, New York City** *1991 – 1994*

**Vice President & Petroleum Engineer (Head of Technical Services); Reported to Division SVP**

$41 BILLION IN ASSETS, #17 IN FORTUNE’S 100 LARGEST COMMERCIAL BANKS AT THAT TIME

**In addition to my experience in the last 15 years, my earlier career was technical, laying the groundwork for understanding energy projects. I was Vice President and Chief Petroleum Engineer at New York Life Insurance Co. in New York** ($47 BILLION IN ASSETS)**, Vice President & Petroleum Engineer at Marine Midland Bank in New York** ($17 BILLION IN ASSETS)**, Chief Engineer at Wells-Battelstein Oil & Gas, Inc. in Houston reporting to the Chairman and CEO ($20 MILLION IN ASSETS), and Reservoir Engineer at Phillips Petroleum in Oklahoma City and Great Yarmouth, England** ($15 BILLION IN ASSETS)**.**

**EDUCATION**

**B.S. in Petroleum Engineering, Texas A&M University, College Station, TX**

**Postgraduate education:**

|  |  |
| --- | --- |
| * Engineering training program with Phillips Pet. * Chase Manhattan Bank Credit Analysis School * Harvard Investment Banking School * Structuring Oil and Gas Deals School * SPE and PTTC Reservoir Engineering Schools * Structuring Exploration Deals | * Financing Exploration and Production * Latin America Project Finance * NASD Series 7 Training * Marketing of Energy Derivatives – Advanced Structures |

**SELECTED CORE COMPETENCIES (Keywords)**

Highly skilled reservoir engineer, business development, raising capital, mergers and acquisitions, M&A, strategic planning and analysis, project screening and investment assessment, economic evaluation, economic modeling, production type curve analysis and forecasting, decline curve analysis, cash flow evaluation, SEC reporting, financial modeling in securing equity and debt financing, PHDwin, ARIES, ECON, Microsoft Office, Microsoft Excel (black belt level), Probabilistic Modeling, Decision Modeling, Programming, Simulation, Ability to gel technical engineering and financial teams into a focused effort, confident team builder, superior reporting skills, market research and analysis, exceptionally strong work ethic, Keen understanding of engineering, financial and risk aspects of oil and gas projects and prospects, Petroleum geology, Resource risking, PowerPoint Presentations for senior management, drilling, completion, simulation, material balance, employee training, shale oil, shale gas, unconventional play characterization, resource risking and estimation, McKelvey Box, productivity improvement, investor information packages and private placement memoranda, US passport

**PROFESSIONAL ACTIVITIES:**

* Previous Chairman of the Society of Petroleum Engineers, New York Section
* Member, Houston Producers Forum
* Elected to the Board of Directors in 2014, Houston Energy Finance Group
* Attend IPAA, NAPE conventions, SPE events and conventions, Baker Institute, IAEE, TIPRO, OTC, Rice University – Jones School of Business lectures, SPER

**OTHER:**

* Katrina/Rita hurricane volunteer
* Volunteered in helping individuals find jobs
* Volunteered in various community activities
* Tutored MBA students
* Advised hedge fund manager
* Mentored industry personnel