



fneese@humble-eng.com

Fariba M. Neese

Partner, Reservoir Engineer Consultant

Summary

Fariba is a Partner and Reservoir Engineer Consultant with over 40 years in petroleum engineering, specializing in reservoir engineering and economic evaluation. Fariba has diverse oil and gas experience throughout the United States in various technical roles of upstream oil and gas exploration, development, acquisition/divestment, reservoir management and planning functions.

Key Attributes

- Business Planning and Portfolio Management
- Qualified Reserves Evaluator
- Reserves Evaluation and Reporting
- Property Evaluation and Economic Analysis
- Reservoir Management
- Production Surveillance
- Steamflood Design and Optimization
- Regulatory Permitting and Compliance

Education

- M.B.A., Price School of Business, University of Oklahoma
- B.S., Petroleum Engineering, West Virginia University

Professional Memberships

- Society of Petroleum Engineer (SPE)



Fariba M Neese | Partner, Reservoir Engineer Consultant

Experience

Humble Engineering Advisors, Inc.

2022 to Present

Partner

Provided oil & gas reserves evaluations, economic analyses, reservoir engineering and regulatory compliance support to HEA clients.

Petroleum Engineering Consultant

2020 to 2022

Reservoir Engineer

Provided reservoir engineering services for oil and gas companies, private-equity, and high net worth individuals. Prepared reserves evaluations and asset valuation services including analyses for bank borrowing base, A&D, technical due diligence, investing and deals, reservoir field studies, regulatory compliance, reservoir development and portfolio management.

E&B Natural Resources Corp.

2017 to 2020

Reservoir Engineer Manager

Managed company asset portfolio +15,000 BOEPD. Prepared annual Capital Forecast, Production Outlook, and Budget. Generated forecast models for business plan and outlook for Corporate and JV assets. Performed A&D economic valuations and analyses to maximize portfolio profitability. Prepared recurring reserves estimations for creditor banks. Worked with Finance to manage debt levels and maximize returns. Served as Team lead for thermal operations group. Worked with Accounting and Finance on standardization, applications, and data integration.

Occidental Petroleum & California Resources Corp

2008 to 2017

Sr. Reservoir Engineer Advisor

Served as lead engineer for technical team. Conducted production surveillance reviews, managed development drilling, prepared annual reserve analyses, capital, and operational budgeting for the light oil reservoirs and heavy oil fields needing thermal enhancement. Prepared production and financial results of operations and capital spending for management. Provided technical support for A&D opportunities to Business Development team.

Reservoir Engineering Manager

Served as lead Reserves evaluator. Performed reserve evaluations and economic modeling of heavy and light oil fields throughout CA for A&D opportunities. Coordinated and completed review of historical production, lease operating expense data, and geologic data to compile economic valuation for Corporate Management analysis and review.

Seneca Resources Corp

1996 to 2008

Manager, New Asset Development

Manager, Operations

Supervising Reservoir Engineer

Held positions of increasing responsibilities within mid-size independent company with operations located in the CA/Ventura and San Joaquin Basins. Responsible of acquisition of +5000 BOPD heavy oil asset in MWSS Field with significant development opportunity. Prepared production and financial reports of operations and capital spending to management. Provided field development planning for steamflood operations including numerous exploration and development opportunities. Conducted field and well surveillance and prepared annual reserves estimations under SEC and PRMS guidelines.

State of CA, Dept. of Conservation

Division of Oil, Gas & Geo. Resources

1992 to 1996

Permitting Engineer/Technical Specialist

Responsible for review and approval of permitting oil and gas operations onshore and offshore CA. Reviewed and prepared technical reports for special projects in several CA oil basins.

Conoco, Incorporated

1983 to 1992

Senior Reservoir Engineer

Reservoir Engineer

Production Engineer

Compiled reservoir simulation data for studies of major fields in Alaska. Prepared reserves and production forecasts for deliverability to pipeline systems in GOM. Prepared development plans and economic feasibility study of new offshore GOM development. Responsible for production optimization remedial plans for several offshore GOM platforms.