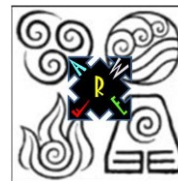




FAWER 4 ELEMENTS



CORPORATE TECHNICAL QUALIFICATIONS & SELECTED INTERNATIONAL PROJECT EXPERIENCE

Integrated Petroleum Asset Studies | Field Development Planning | Reserves Evaluation & Independent Auditing | Mature Field Redevelopment | Complex Wells

Oil & Gas • Energy & Clean Energy • Advanced Engineering & Research

www.fawer4e.org | Corporate Capability Statement — October 2026

1. EXECUTIVE OVERVIEW

FAWER 4 Elements is a multidisciplinary engineering, scientific consulting and professional services organization built around an international network of experienced engineers, scientists and technical specialists. It supports petroleum operators, investors, financial institutions and project stakeholders through integrated asset evaluation, field development, recoverable-reserves assessment and investment-related technical risk analysis.

Its petroleum engineering practice is led by founder Belkis G. F. Andrade, Dr.Sc., a reservoir engineering professional with more than 35 years of international experience. Her principal specializations include integrated reservoir and field studies; Field Development Planning (FDP); reserves and resources evaluation, certification and independent auditing; mature-field rehabilitation and redevelopment; and complex reservoirs and wells, including horizontal, directional and multilateral configurations.

FAWER links subsurface engineering, well and production performance, recovery strategy, uncertainty and commercial considerations. The level of technical evaluation is selected according to asset maturity, available evidence and the decision to be supported.

Established in 2006 and commercially operational since 2009, FAWER 4 Elements is a multidisciplinary engineering and scientific consulting firm providing specialized technical advisory, integrated petroleum asset studies, field development planning, and independent reserves evaluation services through an international network of experienced engineers and technical specialists.

2. CORE TECHNICAL CAPABILITIES

2.1 Integrated Reservoir and Field Studies

Integrated geology, geophysics, petrophysics, PVT/SCAL, well testing, pressure and production analysis, material balance, static and dynamic reservoir modeling, simulation, uncertainty analysis and reservoir-to-production-system integration.

2.2 Field Development Planning (FDP)

Development concepts, depletion and recovery strategies, well count and placement, complex well trajectories, production forecasting, scheduling, facilities interfaces, scenario comparison, uncertainty and implementation roadmaps.

2.3 Reserves & Resources Evaluation, Certification and Independent Auditing

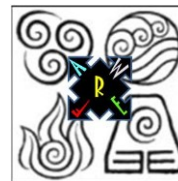
Independent technical assessments using appropriate petroleum engineering methods and applicable PRMS classification principles and SEC reporting requirements where relevant. Services include reserves and resources estimation, developed and undeveloped reserves, forecasts, independent operator-estimate reviews, audit and technical assurance, and due diligence for financing, leasing and asset transactions. Professional sign-off is subject to the agreed scope, evidence and applicable requirements.

2.4 Mature Field Reactivation and Redevelopment

Remaining-potential evaluation, shut-in well screening, workovers, sidetracks, infill drilling, reservoir connectivity, depletion, artificial lift, production bottlenecks, water handling, secondary recovery, EOR and economic-limit considerations.



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2.5 Complex Wells and Reservoir Systems

Horizontal, highly deviated, directional and multilateral wells; fractured and carbonate reservoirs; productivity and interference, pressure-transient interpretation, reservoir connectivity and integrated well–reservoir–network performance.

2.6 IOR/EOR/MEOR and Production Optimization

Waterflooding, gas injection, WAG, CO₂/N₂, miscible, chemical and thermal processes (ASF), Microorganism injections, selected on technical suitability, infrastructure, uncertainty and commercial feasibility.

2.7 Mature Field Revitalization, Well Reactivation & Production Enhancement

Hydraulic fracturing and advanced well stimulation design, workover and recompletion strategies, artificial lift optimization, and integrated well–reservoir–production system performance.

2.8 Investment Due Diligence and Technical Advisory

Independent evaluation of recoverable quantities, forecasts, development assumptions, uncertainty, technical risk and project readiness to support investors, lenders and petroleum asset stakeholders.

3. SELECTED INTERNATIONAL PROJECT EXPERIENCE

Established in 2006 and commercially operational since 2009, FAWER 4 Elements has built an international portfolio of specialized engineering consulting and technical services encompassing integrated reservoir and field studies, advanced geological and dynamic modeling, Field Development Planning (FDP), reserves and resources evaluation, independent technical auditing, Enhanced Oil Recovery (EOR/IOR) strategies, production optimization, and professional technical training.

FAWER's international project experience includes engagements with Senergy, PEMEX, PDVSA, Murphy Oil Corporation, Petrofac, Abu Dhabi National Oil Company (ADNOC), Equinox, Schlumberger, Repsol, Petrobras, Canadian Natural Resources Limited (CNRL), Petroleum Development Oman (PDO), Kuwait Oil Company (KOC), and Kuwait National Petroleum Company (KNPC), among other major energy companies and industry organizations.

These assignments have been executed by FAWER 4 Elements through direct contractual engagements and specialized consulting arrangements, delivering independent technical assessments, comprehensive engineering studies, multidisciplinary project leadership, reservoir development and recovery strategies, technical assurance, and knowledge transfer. Project responsibilities have ranged from independent expert advisory and auditing to the complete technical management and execution of integrated field development studies.

Corporate experience is distinguished from the founder's prior employment history. Her professional appointments with INTEVEP and Schlumberger (1989–2009), and subsequently with Fieldwood–Lukoil (2022–2024), are presented separately and are not represented as FAWER corporate contracts.

3.1 Independent Reserves Evaluation & Certification – Equinox Project: Texas, USA

2026 | FAWER 4 Elements | Independent Third-Party Reserves Auditor & Technical Certification

Independent reserves assessment and technical audit of over 50 horizontal wells in fractured reservoirs, integrating production decline analysis, reservoir performance evaluation, and reserves classification to support reserves certification, asset valuation, and investment decision-making.

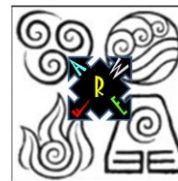
3.2 Independent Technical Audit, Reserves Assurance & Field Development Assessment — Bacab–Lum Fields, Mexico

2026 | FAWER 4 Elements | Client: OPEX | PEMEX-Related Field Development Projects

Principal Technical Advisor & Independent Reservoir Auditor



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Engaged by OPEX to conduct an independent technical assessment of the Bacab–Lum field development projects, including reserves assurance, proposed drilling locations, reservoir performance, and waterflooding feasibility. Performed multidisciplinary technical reviews and developed a phased engineering and technology study program integrating geological characterization, PVT/SCAL, pressure-transient analysis, dynamic reservoir simulation, water injection strategies, and production optimization to support development planning and investment decisions.

3.3 Reserves Evaluation — Texas, USA

2025 | *Texas petroleum assets | Historical reserves-evaluation assignment*

Engineering reserves evaluation involving horizontal and fractured-well production performance and multi-decline-curve analysis. The original supporting records should be consulted to confirm the exact asset or transaction name and number of wells.

3.4 Petroleum Bid Evaluation, Contract Execution & Reserves Technical Assurance — Mexico

2019–2022 | *FAWER 4 Elements | PEMEX / CNH-Related Projects*

Technical Director & Principal Reservoir Engineering Advisor

Provided technical advisory services for petroleum bidding and project execution processes involving PEMEX and CNH regulatory frameworks. Conducted integrated technical reviews of field development proposals, reservoir studies, reserves evaluations and reporting, supporting bid assessments, contractual technical requirements, project execution oversight, and reserves assurance.

3.5 Independent Third-Party Reserves Auditing — Iran and Oman

2018–2019 | *Ghar (Iran / IOOC); Qarn and Amal (Oman / OXY-PDO) | Through Senergy*

Personally designated independent third-party reserves auditor supporting financial-institution due diligence associated with petroleum-field leasing negotiations. The engagement was contracted through Senergy; the auditor individually undertook a declaration of professional integrity, independence and accountability. Scope included independent scrutiny of reserves estimates, reservoir-engineering assumptions and production forecasts provided by negotiating parties. The precise financial institution, contractual structure and permitted disclosure of asset names should be verified before external distribution.

3.6 Advanced EOR Technical Training Program – Ecuador

2016–2017 | *FAWER 4 Elements | ENI & Repsol*

Program Director, Technical Training Developer & Lead Instructor

Designed, developed, and delivered a comprehensive Enhanced Oil Recovery (EOR) technical training program for more than 20 oil and gas professionals from ANY and Repsol in Ecuador. The engagement included three months of specialized curriculum development and technical instruction, focused on EOR studies, recovery process evaluation, reservoir engineering applications, and methodologies for assessing enhanced recovery opportunities

3.7 Integrated Full-Field Reservoir Studies & 3D Dynamic Simulation — Shu'aiba, UAE

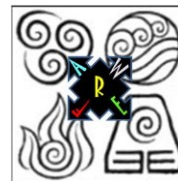
2015-2017 *Senergy / ADCO-associated Technical Consultancy | United Arab Emirates*

Principal Reservoir Engineer & Full-Field Simulation Specialist

Conducted comprehensive, field-scale integrated reservoir studies and developed a full-field 3D dynamic simulation model for one of the Middle East's largest naturally fractured carbonate reservoirs containing medium-gravity oil. The study encompassed a highly heterogeneous reservoir system with more than 200 wells and over 40 years of production history, integrating geological characterization, complex fracture behavior, historical reservoir performance, dynamic modeling, and production forecasting to support reservoir management and field development decisions.



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3.8 Integrated Field Evaluation, Reserves Assessment & Development Studies — Mexico

2014-2015 FAWER 4 Elements | Petrofac Projects – Santuario, El Golpe and Other Mexican Assets

Project Manager & Technical Director | FAWER Multidisciplinary Engineering Team (6 Professionals)

Successfully led FAWER's competitive bidding process and subsequent project execution, managing a dedicated six-member team of FAWER engineering professionals. Directed and integrated the complete technical scope, from geological and petrophysical characterization through static and dynamic reservoir simulation, well performance, artificial lift, and production system modeling. Delivered comprehensive field evaluations, reserves assessments, and development strategies supporting asset valuation and commercial negotiations.

3.8 Integrated Reservoir Studies, Gas Injection EOR & Field Development Optimization — Eocene C, Venezuela

2013 FAWER 4 Elements | Independent Technical Consultancy

Project Lead & Principal Reservoir Engineering Specialist

Conducted comprehensive integrated reservoir studies encompassing reservoir characterization, review and redevelopment of dynamic simulation models, well performance analysis, and field development optimization. Updated and calibrated the reservoir models, designed and evaluated gas injection EOR scenarios, and generated production forecasts and recovery factor predictions to assess incremental reserves potential and support optimized Field Development Plans (FDP).

3.9 Integrated Gas Reservoir Fluid Characterization, PVT Modeling & Reserves Assessment — Venezuela

2012 | FAWER 4 Elements | PDVSA GAS – Contracted through Schlumberger

Project Director & Lead Reservoir Engineering Consultant

Directed a comprehensive, multi-field gas reservoir evaluation program encompassing more than eight PDVSA GAS fields, including Rosario and Carito. The technical scope integrated advanced thermodynamic and compositional PVT fluid characterization, equation-of-state (EOS) modeling, fluid-in-place estimation, reservoir performance assessment, and recoverable gas volume evaluations. Provided integrated fluid and reservoir engineering studies to support gas resource quantification, recovery assessment, and field development planning for PDVSA GAS

3.10 Integrated Offshore Reservoir Studies, Dynamic Simulation & Field Development — Azurite Field, Republic of Congo

2011-2012 FAWER 4 Elements | Client: Murphy Oil Corporation | Offshore Deepwater Development

Principal Reservoir Engineering Consultant & Integrated Field Modeling Specialist

Contracted through FAWER to conduct comprehensive integrated reservoir studies for the Azurite offshore development, encompassing geological and reservoir characterization, dynamic reservoir modeling and simulation, well-test interpretation, production performance analysis, and reserves and recovery forecasting.

Developed and evaluated integrated reservoir models, including new well locations, drilling and development scenarios, production forecasts, and recovery optimization strategies to support field development planning and reserves assessment.

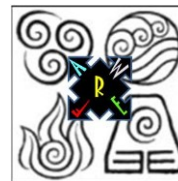
The project was associated with the pioneering Azurite FDP (Floating Drilling, Production, Storage and Offloading) development, which integrated deepwater drilling, oil production, processing, and storage capabilities within a single floating facility.

3.12 Integrated Reservoir Studies, Heavy Oil Field Development & Subsurface Technical Leadership — Middle East

2010-2011 FAWER 4 Elements | Contracted by Schlumberger | End Clients: PDO, OXY, KOC, KNPC and Other Operators | Oman and Kuwait



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Project Director, Principal Reservoir Consultant & Subsurface Technical Leader

Through FAWER 4 Elements, provided specialized consulting and technical leadership services under contract with Schlumberger for major Middle Eastern operators. Directed multidisciplinary subsurface teams in integrated heavy-oil reservoir evaluations, EOR process assessment, advanced reservoir simulation, horizontal and multilateral well development, and the review and formulation of Field Development Plans (FDP).

In Oman, developed and delivered two intensive, two-week technical training programs covering integrated heavy-oil field studies, recovery processes, reservoir engineering, drilling, and production systems.

In Kuwait, conducted specialized heavy-oil reservoir studies and EOR evaluations, including multilateral well development strategies, reservoir performance assessment, and integrated field development planning.

3.12 Integrated Reservoir Model Auditing, EOR Studies & Field Development Advisory & Engineering Coaching — PEMEX, Mexico

2009–2013 | FAWER 4 Elements | Client: PEMEX

Principal Reservoir Engineering & EOR Consultant | Technical Auditor & Advisor

Through FAWER 4 Elements, provided specialized reservoir engineering and Enhanced Oil Recovery (EOR) consulting services to PEMEX across multiple Mexican oil fields, including Samaria and other producing assets.

Engaged as a senior technical specialist to independently review and assess existing geological and dynamic reservoir models, evaluate reservoir performance and recovery potential, and recommend improvements to integrated reservoir studies and simulation methodologies.

Developed technical recommendations for the selection, design, and evaluation of EOR technologies and field-specific recovery strategies, supporting reservoir management, production enhancement, and Field Development Planning.

Provided technical guidance, engineering coaching, and knowledge transfer to PEMEX subsurface teams, with direct participation in selected reservoir modeling, simulation, and recovery-process evaluation activities as required.

4. INTERNATIONAL LEADERSHIP & TECHNICAL BACKGROUND

The founder's international career includes senior technical, consulting and leadership assignments associated with Schlumberger, Senergy, Petrofac, Fieldwood–Lukoil, OXY, PDO, PEMEX and other operators and engineering organizations. Experience spans Latin America, North America, Europe, the Middle East, Africa and Asia, with particular emphasis on reservoir engineering, integrated development studies, reserves evaluation, complex wells, recovery optimization and multidisciplinary technical leadership.

5. INTEGRATED PROJECT DELIVERY APPROACH

5.1 Asset screening and technical diagnosis

Establish objectives, data reliability, asset maturity, constraints and critical uncertainties.

5.2 Integrated reservoir and production evaluation

Connect geological, petrophysical, fluid, pressure, well, production and facilities evidence.

5.3 Reserves and recoverable-potential assessment

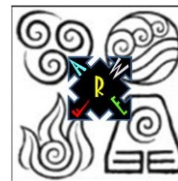
Select fit-for-purpose volumetrics, material balance, decline analysis, well testing and/or simulation; address uncertainty and commerciality.

5.4 Development and redevelopment alternatives

Screen new wells, horizontal/multilateral concepts, workovers, reactivation, production optimization and improved recovery.



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5.5 FDP, technical assurance and decision support

Compare scenarios, document risks, technical assumptions, development priorities and recommendations.

6. ENGINEERING TOOLS, TRAINING & ADJACENT CAPABILITIES

Technical platforms include Petrel, Eclipse, CMG IMEX/GEM/STARS, INTERSECT, tNavigator, PROSPER, GAP, MBAL, Resolve, PIPESIM, KAPPA, ANSYS Fluent, Python and Fortran. FAWER also provides specialized engineering training, coaching, mentoring and knowledge transfer.

Additional FAWER practice areas include geothermal and clean-energy engineering, thermofluidic and numerical modeling, and biomedical engineering and research. These capabilities complement the core oil-and-gas offering but are not substitutes for its specialized petroleum engineering experience.

7. FOUNDER & PRINCIPAL TECHNICAL LEADERSHIP

Belkis G. F. Andrade, Dr.Sc.

Founder & Principal Technical Director | Integrated Reservoir Engineering | FDP | Reserves & Resources | Independent Auditing | Mature Field Redevelopment

Dr.Sc. Andrade is a mechanical and reservoir engineering professional with more than 35 years of international petroleum industry experience. Her technical leadership encompasses integrated subsurface studies, reserves evaluation, personally designated independent third-party auditing, offshore and mature field development, complex wells, simulation, advanced recovery and production optimization. She combines practical reservoir engineering, advanced numerical methods and multidisciplinary leadership to support technically defensible decisions.

8. PROPOSED AREAS OF COLLABORATION

- Independent reserves and resources evaluation and technical auditing
- Integrated petroleum asset studies and Field Development Plans
- Investment due diligence, field transactions and technical assurance
- Mature-field rehabilitation, well reactivation and redevelopment
- Complex reservoirs, horizontal and multilateral well evaluation
- Production optimization, IOR/EOR and specialized technical training
- End-to-end integrated Geological Modeling and Dynamic Reservoir Simulation
- Seismic-to-Simulation: Full-Spectrum Integrated Field Development Modeling, from Subsurface Characterization to Surface Production Networks.

9. CORPORATE CONTACT

FAWER 4 Elements | www.fawer4e.org

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FAWER 4 Elements — Deep Expertise. Shared Knowledge. Stronger Decisions.