



Senior Reservoir Engineer

Company	Criterium Energy
Department	Subsurface, Development & Exploration
Location	Jakarta, Indonesia
Reporting	Subsurface Team Lead

About Us

Criterium Energy Ltd. is a publicly traded upstream energy company focused on the acquisition and sustainable development of assets in SE Asia that are capable of scalable growth and cash generation. The Corporation focuses on maximizing total shareholder return by executing on three strategic pillars, namely (1) successful and sustainable reputation, (2) innovation and technology arbitrage, and (3) operational and safety excellence.

Criterium's Indonesian portfolio is currently comprised of a 42.5% non-operated interest in the long-life Bulu PSC and 100% operated interests in the producing Tungkal and West Salawati PSCs. The Corporation intends to deliver a balanced portfolio through high cash flow production assets, near term growth assets and longer life development assets to maximize shareholder returns while managing its balance sheet.

Why work with us?

Want to make an Impact? At Criterium our people are our most valuable resource. We're a diverse team of passionate individuals, guided by our values, who are excited to shape the future of energy. We strive to be a global operator whose strength is exemplified in our diversity of geography and people.

As a new member of our team, you should be committed to life-long learning and are encouraged to bring fresh new ideas to solve complex problems. We recognize that innovation and success are a result of providing our people with the right tools. At Criterium, our corporate and employee values are aligned to foster an environment of respect and growth. We believe in providing equal opportunities across all offices and jurisdictions.

The world is rapidly changing. Join us in our goal of providing sustainable energy to the worlds growing economies. Be a part of the solution.

Job Description

Purpose

The Senior Reservoir Engineer role will report directly to Subsurface Team Lead and lead/conduct reservoir development and production operations including field development planning, reservoir performance analyses and reservoir estimation of production / injection capacities. Lead reservoir onshore studies, performance review and optimization using appropriate engineering techniques.

Responsibilities

- Carry out all aspects of reservoir engineering activities including field development (SE Mengoepeh, PLT Secondary Recovery, Balladewa Greater Field appraisal and development), wells & reservoir performance evaluation, reservoir & asset evaluation, well prognosis, and supervises the integration between fields.
- Identify, justify, develop the implementation of workflow to evaluate and manage the field in line with industry best practices. Uses advanced reservoir-engineering techniques and integrate dynamic & static data to identify field movement and implement optimization plans to maximize profitable recovery.
- Monitor field's production capacities according to Criterium guidelines along with drilling workover schedules and identify mitigations in case of shortfalls.
- Data Integration and Analysis: Collaborate with geophysicists, petrophysics, reservoir and petroleum engineers, to integrate geological data with other subsurface data. Conduct quantitative and qualitative analysis of geological data to support decision-making.
- Provide expertise to identify and support reservoir-engineering studies using fit for purpose techniques, which may include reservoir simulation, material balance, decline curve analysis.
- Undertake the most appropriate studies to define the optimum development schemes with associated reserves and production profiles.
- Work with reservoir engineering technical assurer to provide technical robustness of the choices made for the recovery processes envisaged and the most reliable reservoir descriptions.
- Utilize reservoir management standards and guidelines to enhance both NPV and hydrocarbon recovery.
- Lead, design and participate in integrated field reviews and field development plans.

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- Lead and participate in reservoir engineering studies that include reservoir stimulation modelling of various IOR processes for improvement of ultimate recovery.
 - Take ownership in production optimization and generate novel ideas to enhance field performance.
 - Complete subsurface and regulatory work for exploration/appraisal and development programs.
 - Support SKKMIGAS relevant activities and constantly identify and implement the most efficient and effective engagement strategy while complying with regulatory requirements.
 - Evaluate new ventures opportunities, participate in data reviews and provide guidance to management
 - Attend commercial/technical meetings with Criterium partners, government bodies, and auditors

Qualifications

- B.Sc. Degree or higher in Petroleum Engineering or related discipline.
- 10+ years of E&P relevant experience as a reservoir engineer including oil and gas fields' development onshore and offshore and full field simulation studies (use of hardware & software models).
- High proficiency in English.
- Ability to communicate fluently in Bahasa Indonesia highly desirable
- International experience is considered a strong asset.
- High proficiency in standard reservoir engineering software (MBAL, Prosper, Saphir, Topaze, OFM, PVTsim Nova or equivalent). Familiarity with other modeling software is an asset.
- Familiar with reserves reporting in accordance with international standards and SKKMIGAS.
- Prior experience in the redevelopment of brownfield through in-fill drilling.

Personality Traits

At Criterium we're looking for an individual who has an entrepreneurial spirit, someone whose creative and willing to think outside of the box to drive innovation. We desire team members to be adaptable, curious, who can pivot quickly and thrive in a fast-paced culture. As we grow, we need individuals who can step up to be leaders. We operate in multiple jurisdictions; therefore, we value the power of strong communication. Above all we're seeking someone who is passionate about energy. We need doers who can be hands-on on multiple priorities with a strong focus on delivery and outcome/results oriented.

Ready to make an impact?

Submit your current CV to the following address: hr.jkt@criteriumenergy.com with the job title in the subject line. Thank you in advance for your application, only those candidates selected for an interview will be contacted for this position.