

22651 - HESS – RESERVOIR ENGINEERS

C) RESERVOIR ENGINEER

Location: Kuala Lumpur, Malaysia
Business Unit: SE Asia Subsurface
Reporting to: SEA Subsurface Team Leader

Summary

As a key member of the SEA subsurface team, this team member will provide classical reservoir engineering expertise support to optimise the value of the assets. The successful candidate will be primarily responsible for co-ordinating reserves activities for SEA, conducting economic analyses and preparing annual budgets. In addition, he/she will be assigned to a production asset to assist in the field development optimisation and planning activities.

Responsibilities

- Work closely with other disciplines to ensure that reserves are accurately documented and reported per Hess Reserves Manual standards.
- Establish work processes to improve reserves reporting and documentation.
- Assist in evaluating resources/reserves and the commercial potential of new business development opportunities. Assist in managing the maturation of resources to reserves.
- Evaluate reserves in producing assets by applying material balance, decline curve analysis, volumetric analysis and simulation based reserves evaluation.
- Prepare annual budget, including economic runs and asset valuation plans.
- Assist the integrated team in developing and executing Field Development Plans.
- Assist and document Reserve Audits.

Candidate

- Excellent understanding of classical reservoir engineering techniques (material balance, nodal, pressure transient etc).
- Strong knowledge of reserves booking methods, including SEC and SPE guidelines.
- Strong background in economics, including the application of PEEP.
- Understanding of PSCs and how they relate to reserves.
- Excellent written and verbal communication skills in order to build relationships with staff in KL, Jakarta and Houston.
- Relevant experience preferred.
- Bachelors Degree in Engineering from an accredited university