

22651 - HESS – RESERVOIR ENGINEERS

E) SENIOR RESERVOIR ENGINEER/RESERVOIR ENGINEERING ADVISOR

Location: London
Business Unit: Production
Reporting to: Subsurface Team Leader, Russia and Azerbaijan

Summary

The position of Senior Reservoir Engineer/Reservoir Engineering Advisor is London based and reports to the: Sub-Surface Team Leader, Russia and Azerbaijan. The incumbent will provide specialist Reservoir Engineering support across a range of technically challenging assets in Russia.

Responsibilities

This role offers high visibility, breadth and variety, and the opportunity to work in a small team with very strong subsurface technical capabilities and on projects involving shortened decision making timescales.

Providing Reservoir Engineering support for the Russian assets, the successful candidate will optimise development options to maximise value, while working closely with other team members, a Geologist, Geophysicist and Petrophysicist. The position has arisen due to the internal career development of the current incumbent.

Responsibilities include, but are not limited to:

- Develop a Hess view of reserves and resources for Russian assets that are compliant with Hess guidelines.
- Develop Hess Field Development Plans working closely with other members of subsurface team as well as Russian-based staff.
- Develop the future drilling program (20 wells per year) and incorporate results into reservoir models and Field Development Plans
- Work with Russian-based staff to maintain asset value plan including development of economic models.
- Review and evaluate available engineering data to enable the selection and use of the most representative data.
- Obtain historic engineering data to build Hess knowledge of the assets and maintain database.
- Interpretation of well test data and analysis of fluid samples.
- Construct/update well and material balance models to predict production rates and ultimate recoveries.
- Identify and quantify dynamic risk parameters in volumetric reserve and resource estimates.
- Identify reservoir surveillance requirements for effective reservoir management and development planning; assist Russian staff with planning cost effective implementation of recommendations as necessary.
- As required, construct simulation models to evaluate development well locations and assist Russian staff with preparation of technical support material for Hess AFEs.
- Coach Samara-based engineers as necessary.

Candidate

- Extensive experience in reservoir engineering, preferably in an operated environment.
- Strong understanding of reservoir evaluation techniques, reservoir modelling and simulation.
- Experience in filed development planning and economic evaluation.
- Knowledge and experience of core analyses, fluid properties, well test interpretation and the importance of integration of engineering and geoscience data in describing the reservoir.
- Experience with simulation modelling, well testing, nodal analysis and economic software and an awareness of Petrel or other geological modelling software.
- Capable of problem solving and always looking for efficient operational solutions.
- Able to work independently and to collaborate as part of a multi-disciplined team. Able to work to tight deadlines and effective at multi-tasking.
- Culturally sensitive and able to work effectively outside own cultural background.
- Positive attitude, self motivating and proactive team worker.
- Good presenter with strong communication skills.
- MSc in Petroleum Engineering or related discipline with formal training courses in other subsurface functional areas.
- Good understanding of reservoir and production engineering, with awareness of petroleum geology, geophysics, and petrophysics.