

22645 - HESS – GEOLOGISTS

A) GEOLOGICAL ADVISOR SAWA

Location: Houston, Texas, USA
Business Unit: South America/West Africa Exploration
Reporting to: Exploration Manager

Summary

The advisor has responsibility for the complex tasks and work flows aimed at understanding the subsurface with guidance on direction of work. They are accountable for delivery of projects within the business unit.

Responsibilities

- Using the basic Geoscience tool kit and workflows consistently for the business unit, adapting Geoscience tool kit and workflows to complex problems in the local regime.
- Leading groups to develop multifunctional models to explain observations and make predictions, characterising the complex elements of a field/prospect/play and basin.
- Working with economics for characterisation of opportunities for the business.

Candidate

- Ability to use the basic Geoscience interpretation tool kit and workflows to perform core interpretation:
 - Well log analysis
 - Pre-stack interpretation
 - Attribute analysis
 - 2D and 3D interpretation
- Interact with specialist toolkit while developing a deeper understanding:
 - Seismic acquisition/processing
 - Potential fields
 - Petroleum Systems
- Lead projects to build complex geological/geophysical models.
- Subsurface description and characterisation.
- Economic analysis.
- Related geosciences experience in the upstream oil and gas industry.
- Bachelors degree in Geology or Geophysics is required. Masters is preferred.