

22647 -HESS – GEOPHYSICISTS

A) GEOPHYSICAL ADVISOR

Location: Houston, Texas, USA
Business Unit: Gulf of Mexico Exploration
Reporting to: Exploration Manager

Summary

This position is a lead contributor in the Gulf of Mexico exploration team, responsible for the complex tasks and work flows aimed at understanding the subsurface with guidance on direction of work. Accountable for delivery of projects within the business unit.

Responsibilities

- Lead project teams to develop complex, multifunctional models for risk and uncertainty in the subsurface and works with the output of economic models.
- Using the basic geosciences tool kit and workflows consistently for the business unit, adapting geosciences toolkit 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 and working with economics for characterisation of opportunities for the business.

Candidate

- Ability to use and adapt geosciences 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.
- Related geosciences experience in the upstream oil and gas industry.
- Bachelors Degree in Geology or Geophysics is required. Masters degree is preferred.