

22653 - HESS – PRODUCTION ENGINEERS

B) PRODUCTION ENGINEER – NORTH DAKOTA, USA

Location: Williston, North Dakota, USA
Business Unit: Williston Basin

Summary

As an integral member of the North Dakota based technical team, position provides direct production engineering support for field activities involving well completions, workover operations, artificial lift maintenance and surface facility maintenance/upgrade projects.

Responsibilities

Assignment fields are located in the North Dakota portion of the Williston Basin and consist of carbonate and sandstone completion horizons extending to 14,000 ft. Sucker rod, gas lift and electric submersible pump artificial lift techniques are current utilised. Reserve recovery mechanisms include pressure depletion and secondary waterflood pressure maintenance and future opportunities for CO₂ flooding. Both vertical and horizontal drilling technology is being employed to increase the reserve base of the business unit.

- Work in conjunction with Houston technical team and field operations personnel to set and achieve HSE, production, Opex and reserve replacement targets identified by management.
- Monitor performance of wells within assigned area of responsibility.
- Provide technical support to field operations personnel within assigned area of responsibility.
- Analyse and design sucker rod installations using THETA software.

Candidate

- Broad based and developed subsurface production engineering knowledge.
- Basic understanding of production facility equipment.
- Good understanding of related disciplines including geology, geophysics, reservoir engineering, drilling and economics.
- Relevant experience in Exploration and Production environment.
- Bachelors degree in Petroleum, Mechanical or Chemical Engineering.
- Training can be provided for THETA software but applicant should have a good understanding of the fundamentals of sucker rod, ESP, and gas lift operations.