

Drilling Engineer Position Specification

Petromanas Energy Inc. is an international junior Oil and Gas company with exciting activities and opportunities. Petromanas is currently drilling a 6000 m exploration well.

Petromanas Energy Inc. is seeking an enthusiastic qualified candidate for the position of Drilling Engineer. Responsibilities are as follows:

Principal Accountabilities:

- Prepares a complete Drilling Program. Works closely with other groups to assure the program is based on all available geological, reservoir and drilling information from nearby wells.
- Ensures that Company HSE policies, procedures, regulations and objectives are effectively implemented.
- Participates as requested in HAZOPS, SIMOPS and Risk Assessments.
- Prepares cost estimates and AFE's for the drilling phase.
- Interacts with other PMI teams during well planning, execution and post-drill review.
- Provides rig site technical assistance to Drilling Supervisors during critical drilling operations.
- Trouble shoots operational and technical drilling problems.
- Conducts follow-up assessments of drilling equipment selection and application.
- Provides annual drilling equipment and materials technical specifications/quantity requirements as requested.
- Maintains close liaison with services companies' engineers, and keeps abreast of recent developments in the area of well drilling technology, equipment, practices, etc. Conducts studies on adaptability of such technology to Petromanas operations and makes appropriate recommendations.
- Analyzes drilling performance and recommends changes in procedures and equipment based on findings.

Minimum Requirements:

- Degree in relevant Engineering discipline such as Petroleum or Mechanical.
- Minimum five years experience and knowledge of drilling engineering functions.
- Computing skills
- Knowledge of Drilling Information Management System
- Safety training
- Drilling Engineering School
- Skills including:
 - Casing Design
 - Basic Drilling Fluids Technology

- Basic Cementing Technology
- Pore Pressure and Fracture Gradient Technology
- Well Control
- Blowout Prevention Equipment and Testing
- Tubular Goods Inspection
- Open hole and Cased Hole Logging
- Directional Drilling
- Bit Design and Hydraulics
- Drill String Design
- Drilling Problem Solving (Lost Returns, Stuck Pipe, Hole Instability)
- Operations and Well Integrity
- Risk Assessment
- Sour Environment Operations
- Fundamental Geology
- Fundamental Reservoir Engineering
- Technical Writing

Resumes and cover letters of qualified candidates can be sent to careers@petromanas.com