

Responsible for the collection and interpretation of geological data for the exploration and development of gas and oil prospects.

- Collects, compiles, analyzes and interprets geological and geophysical data to identify and evaluate undeveloped hydrocarbon reserves for possible economic development. Completes field studies to identify development opportunities and work toward the optimum development of hydrocarbon resources and reserves.
- Screens, evaluates and makes recommendations on farm-in/farm-out and other outside party opportunities. Identifies and evaluates potential acquisitions of undeveloped acreage for future drilling prospects.
- Identifies and selects viable drilling locations. Assists in the staking, permitting, and construction of drilling sites.
- Creates drilling prognoses for wells in cooperation with drilling engineering staff. Assists in the creation of vertical and horizontal well plans, casing programs, field development plans and other project works.
- Observes and assists in the oversight of drilling operations. Examines samples and other information to help improve well drilling efficiency and success. Identifies potential drilling hazards and recommends adjustments necessary to conduct safe, successful and economically sound drilling operations.
- Geosteers or supervises the geosteering of lateral wells.
- Arranges and supervises mudlogging and open-hole wireline logging operations. Conducts a timely evaluation of the logs and other well information to assess the potential of drilled wells, making recommendations for their completion. Conducts or assists in coring, drillstem testing, and other special evaluation operations on wells.
- Provides technical support to completions and production operations staffs as pertains to geological aspects of reservoirs and overburden.
- Assists in and participates as an expert witness in pooling, spacing, and other regulatory hearings or legal actions.
- Assists in the preparation of period-end production and reserves reporting.
- Approves and processes invoices for payment. Completes required any paperwork according to company procedures and regulatory requirements.
- Maintains technical knowledge by reviewing professional publications, attending workshops and seminars.
- Participates and collaborates constructively in multi-disciplinary teams. Must have the ability to balance potentially conflicting priorities to best accomplish company goals.
- Supports recommendations through maps, cross-sections, figures, calculations, and other supporting information in oral presentations and/or written reports.
- Maintains professional and technical knowledge by attending educational workshops, reviewing professional publications, and establishing personal networks.
- Assume additional responsibilities and perform special projects as needed or directed.

#### Experience Required

A minimum of 3 years related work experience. Tight gas and/or unconventional gas experience preferred. GXX experience preferred. Previous mapping experience.

Bachelor's degree in Geology or closely-related field with demonstrated strong technical ability or a Master's degree in Geology.

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