Open Position

Wellsite Geologist

Summary of Position
Company is seeking a Wellsite Geologist for rotational work in support of coil and rotary drilling operations on Alaska’s North Slope. Work will involve onsite operational support during drilling with some pre-drill technical package review and preparation to insure successful well delivery. Drilling operations include grassroots rotary wells, rotary rig sidetracks (RST), and sidetracks with coil tubing units (CST). Well types include vertical to extended reach wells, high-angle slants, and horizontal wells (single and multi-lateral) to various North Slope reservoirs in field. The position requires close interaction with wellsite team leaders and other onsite rig personnel, as well as close interaction with subsurface asset teams in Anchorage.

RESPONSIBILITIES:
The duties and responsibilities for this role are as follows:
Pre Drilling
- Attend Pre-Spud and review technical package (SOR) objectives and drilling program;
- Collect and review required well site reference data, technical package, correlation / offset logs, maps, prognosis;
- Coordinate securing onsite equipment, logistical support and transportation;
- Establish operational contact links with Anchorage and the North Slope.

General Onsite Drilling
- Sample evaluation and description;
- Lithology (by percentage);
- Reservoir analysis: consolidation; grain size; roundness; porosity; cementation;
- Description of constituents;
- Hydrocarbons show analysis and description: stain; visual cut; surface florescence; cut florescence; percentage of HOT occluding porosity;
- Sample quality control and documentation;
- Pick casing point: isopachs; changes in drilling parameters; samples;
- Pick core point: isopachs; changes in drilling parameters; samples;
- Log correlation/Interpretation;
- Formation and fluid marker picks;
- Revise marker and target projections;
- Casing point and TD determination;
- Advise town personnel on changes needed in well plan;
- Log Quality Control;
- Depth control and tie in on sidetracks, conventional wells, and CTU;
- Onsite Quality Control, MWD / Wireline-DPC.
- Provide service company with oil normalization zone for MCNL;
- Observe acquisition and quality control of a full logging suite;
- Communication;
- Rig Supervisor: Geologic risks, morning meeting, and casing point / casing tallies;
- Directional driller: Target objective coordination, geosteering requirements;
- Advise logging company of program revisions, timing;
- Advise MWD and mud logging personnel of program requirements and revisions.
- Forward daily reports, files and interpreted data to Operators representative and partners;
- Regular interface with town geologist as needed and when TD is reached;

Additional Horizontal / HA Drilling Procedures
- Wellbore landings and target adjustments to drill data;
- Geo-Steering;
- Forward projections and apparent thickness corrections;
- Fault recognition;
- Daily File / Documentation and Final Documentation Maintenance;
- Daily Report, Interpreted Geosurvey, Lithology;
- Interpreted Daily Log with Target Projections;
- Final Perforation Recommendations;
- Final Operations Report and Interpreted Log and File(s):
- Maintain North Slope Geology and Engineering Files and Expedite Final logs and Data to Anchorage Office.

EXPERIENCE & KNOWLEDGE:
To be considered for this role, applicants must have the following qualifications:
- Minimum of a bachelor’s degree in Geology;
- Approximately 6-8 years relevant industry experience in operations and production geology;
  previous North Slope experience with CTD and horizontal drilling strongly preferred;
- Ability to focus effort and prioritize work to deliver business value while drilling; must work well under pressure and adapt efficiently to fast-paced operations;
- Strong technical grounding in petroleum operations, operations and production geology, drilling and completions, and field development;
- Excellent communication skills, strong team player, open and transparent communicator across diverse multidiscipline teams on the North Slope and Anchorage.
- English Fluency Required.