

Job Description

Job Title:	Senior Wellsite Geologist
Job Location:	Kurdistan Locations

Report to:	Operations Geologist
Direct report from:	None
Key interactions:	Office: Operations Geologists at Dubai Rig site: Drilling Supervisor, Drilling Engineer, Mud Engineer. Services Companies at the rig site: Mudlogging, MWD/LWD, Wireline, Coring personnel's

Key Accountabilities:

- Ensure effective communication between all parties involved in the execution of Geological Operations programs at the well site.
- Ensure Company Drilling representative is informed of all geological information pertinent to optimize and safe execution of the drilling program.
- Ensure company procedures and contractual terms are complied with onsite.
- Ensure reliability, accuracy, completeness, and confidentiality of the data acquired
- Ensure the accuracy of the reporting of all matters related to the operations supervised
- Evaluate and report service companies' personnel's capability and equipment's compatibility as per contract by performing audit at the beginning of the job.

Key Responsibilities:

OPERATIONS

- Participates actively, through the monitoring and interpretation of all available data (i.e. Drilling-ML-LWD-WL), in the identification and evaluation of drilling hazards (losses, gains, overpressure, H2S, swelling clays / caving's, etc.) and reports to town. In case of immediate danger directly to DSV.
- Communicates well progress and required reporting in a timely manner as per operational set standards and timeline.
- Write up and keep updated all the documents and reports (Daily Geological Report) regarding well monitoring and geological operations
- Executes data acquisition program, and coordinate workforce of contracted services on site (essentially but not exclusively: mud logging, M/LWD and wireline crews) in conjunction with operations geologist in town.
- Supervises geological operations personnel and ensure that all equipment provided by contractors are in line with the program and contracts, assist in quality control and audits of equipment and services provided by contractors

- Ensures and supervises the regular testing and sensors calibration of Mud Logging equipment
- Supervise geological operations and various well data acquisitions (Mudlogging, M/LWD, WL logging, Coring), control quality and validate the data assisting the operations geologist.
- Monitors on-site progress and advise to initiate coring, intermediate logging, to continue or halt drilling at casing points, etc. to operation geologist/ petrophysicist.
- Integrates all available data for optimized well steering and adjusts accordingly drilling targets while drilling with guidance from town.
- Supervises the conditioning, labeling, packing and transportation of all geological cuttings samples, Gas samples, Cores/core plugs and fluid samples collected during the course of drilling/coring or logging.
- Ensures the proper communication between the Mud logging, MWD/LWD, DDs, Mud Engineers and the drilling crews/DSV, particularly drilling hazards drilling/LWD parameters mud pit level monitoring.
- Contributes to the training of junior geologist.

HSE

- Knowledge of and adherence to company HSE policy, rules and procedures
- Promotes HSE standards in all wellsite formation evaluation acquisition activities
- Flagging of area of concern/ change to expectations wrt drilling, geology, for example pressure spikes indications of pressure changes, increased mud gas beyond normal in type of well
- Participation to HSE activities and reporting systems (e.g. stop cards, audits, HSE action plans)
- Contributes to company Asset Integrity initiative by reporting any anomaly, defect, bad practice, lack of equipment, lack of competence that could result in a major HSE incident or loss of production

Required Qualifications & Experience:

- B.Sc. in Earth Sciences.
- Minimum 8 years varied experience in wellsite geology operations, with a proven background in Mudlogging, or M/LWD, or experience with an Operator
- Wellsite Geology experience of at least 5 wells within Kurdistan.
- Wellsite Geology experience of drilling and evaluation of Cretaceous, Jurassic and Triassic sequence with specific focus on fractured carbonates, and drilling operations.
- Seniority level of Well Site Geology position dependent on experience and performance.

Key Competencies:

- Excellent English verbal, written communication and presentation skills
- Excellent knowledge of Operations Geology, Drilling, Mud Logging, M/LWD and Wireline Log acquisition,
- Basic well log analysis and borehole interpretation
- Proven mentoring/training skills