

BABAR AFTAB BAIG

PETROLEUM ENGINEER

Having more than 8 Years of GCC experience

Pakistan + Gulf Driving License

Language: English, Arabic, Urdu, Hindi
Residency status: Abu Dhabi (UAE)
Contract Status: Permanent Employee
Mobile: +971-543014705/+92-3361812653
Email: babar.baig.102@gmail.com



CAREER SUMMARY

Petroleum Engineer having more than Eight (08) years of experience in Oil & Gas industry and Construction, experience in Drilling services, HSE Techniques, Strong interpersonal and analytical skills topped up with the knowledge of engineering and management principles.

OBJECTIVE AND SKILLS

Objective is to work with an advanced and innovative professional environment with the culture of personal development and growth and keen to achieve organizational goal through professional ethics, sincere commitment, team work and personal responsibility.

Key Skills: Directional Surveying, MWD, gMWD, Down-hole tools, Calibration & Maintenance, Hazard identification, Drilling, H2S, T-BOSIET, NEBOSH, IOSH MS, Accident investigation, Trouble shooting.

WORK EXPERIENCE

Scientific Drilling International (SDI UAE)

July 2017 to Present

Joined **Scientific Drilling International** as a Directional Survey Engineer in a multidisciplinary team in which my areas of specialization are Directional Drilling and MWD Directional Surveying plus Gyro while drilling.

- During Directional Drilling Run Gyro sensors together with MWD Survey tool in one tool string using Scientific Drilling's state of the art technology to provide wellbore navigation services.
- Provide Real Time/Recorded mode formation evaluation solutions to the clients by running Scientific Drilling's Technology with Measurements while drilling tools in standalone mode together in one tool string.
- Responsible for verifying and ensuring data quality during the job and interprets MWD surveys.
- Responsible for MWD equipment inventory check and maintenance before and after each job.
- Conduct Gyroscope surveying for overcoming the limitations imposed by magnetic interference on magnetic surveying instruments.
- Install MWD/LWD system into drill string, set tool face offset or orienting sub, surface test tools, and survey while running in the hole. This also includes recording downhole measurements related to drilling with tools, sliding, rotating, calculating battery usage and surveying at the end of a Kelly, filling out run reports and survey sheets, and troubleshooting the tool in the hole.
- Complete rig out and prepare tools for shipping to operations, including the cleaning and packing of tools into kit boxes, preparing necessary run reports and end of well reports, and forwarding any reports to the Directional Driller for job folder.
- Participate in the servicing of tools in the shop by informing the shop staff of any concerns or problems, turning in run reports, and entering information into the MWD databases.
- Conduct Whip-stock and Motor orientations using Gyroscope conveyed with Scientific and different company's wire line units.
- Perform Memory Drop Gyro Multi shot survey and Electronic Multi shot surveys on vertical wells.
- Perform all-attitude Drop Keeper (ADK™) Multi-shot survey for deviated and horizontal wells.
- Run Advanced Logging Combination (ALC) with Gyro sensor, corrosion tools, SCBT, CBL, VDL tools in OneAssembly of Multiple Clients like SLB, Halliburton, Weatherford, Baker Hughes and Al-Mansoori oil and gas services.
- Currently working with clients ADNOC Offshore, ADNOC Onshore, Dubai Petroleum.

Premier Tubular Inspection Services (PTIS)

Nov 2015 to Oct 2016

Joined as an Inspection Engineer at Premier Tubular Inspection Services Pakistan. I was working in a multidisciplinary team and execute daily tasks including Tubing/Casing (Inspection & Maintenance) Services, Drill String and Bottom Hole Assemblies Maintenance Services, BHA Inspection during Tripping, Rig Mast Inspection, and Inspection of Lifting Gear.

- Field Inspection of various used drilling equipment and tools (Visual, Dimensional and NDE of Drilling String/ Drill Pipes, Drill Collars, Stabilizers, Drilling Tools, Fishing Tools)
- Field Inspection of Casing and Tubing - Visual Thread Inspection (Acc. to API-RP 5A5) - API & Special Drifting / Completion of Tubing and Production String Run-in-Hole Supervision.
- Field Inspection of Drilling Equipment (BHA and Drilling String) to various standards (API- RP 7G and DS-1)
- Inspection services according to API Specification 5B, Drill stem Inspection DS-1 for the following equipment and tools: Tubing, Casing, BHA equipment, Down-Hole tools, Hoisting and handling tools.
- Preparation and submission of daily site inspection/activities reports.
- Carrying out Internal MPI on upset Areas (with Video Monitoring).
- Accomplish Magnetic Particle Inspection full body.
- Carrying out inspection of incoming material, verifying vendor's material certificates in order to confirm as per International standards and client requirements.
- AC yoke Inspection (wet MPI by Black Magnetic Ink and White Paint Contrast).
- Thread Visual Inspection and Dimensional Inspection (By visual and using Profile Gauge).
- Inspection and examination of Hoisting and Handling equipment (Visual, Dimensional and by Magnetic Particle) including Elevators, Rotary Slips, Hook, Bails, Crown Block Sheaves.
- Practice and use of the related applicable standards and specs (Acc. to API-Spec. 5CT, API- Spec. 5B and API-RP 5B1 for API Connections and Manufacturer's Specs for Premium Connections) and related ASTM Codes.

Saudi Bin Laden Group (Saudi Arabia).

June 2013 to Aug 2015

I start working as Calibration Engineer with Saudi Bin Laden Group KSA on the extension of King Abdul Aziz International Airport Jeddah). I was working as a team member and perform routine Calibration services of material testing laboratory equipment, Concrete and Asphalt Plants, Compression Machines, and Industrial Weight Balances.

- Prepare work calibration instruction / procedure using original equipment manufacturer specification, standard operating procedure, endorsement procedure so that equipment & instrument identified, calibration procedure established & comply with process requirement.
- Supervision of Lab operations and interaction with customers.
- Making excellent relation with customers and handling their technical queries.
- Supervising lab operations for any delay in jobs or errors in execution ensure proper receiving of instruments from clients and to Maintaining record of customers and job performed for client.
- Perform calibration at site as per client requirement.
- Provide front line support to customer, preventive maintenance and on site troubleshooting.
- Certification, proper traceable achieving of documents for Quick retrieval Review of existing procedures and suggesting any Improvement of Procedure.
- Calculation of uncertainty of measurements for calibration and testing. Calibration of Master equipment's for different industries.
- Assure the compliance of calibration process with specifications, Quality Management System (QMS) and ISO Standards.
- Coordinate and execute activities to ensure instruments, gauges and testing devices calibration is carried out in accordance to in-house procedures and requirements.
- Identify and implement corrective actions on non-conforming gauges and equipment.
- Review and maintain all documentation or certifications for calibration equipment.
- Carry out risk assessment for on-site calibration by external calibration vendors.
- Involve in Quality Management System Audits and other third party audit activities.
- Initiate and implement continuous improvement activities.

Xian Senshe Electronic Technology (Sinopec Pakistan)

Dec 2011 to May 2012

I start my Career as an Assistant HSE Advisor with SENSHE (joint venture with Sinopec Pakistan) on the project of 3D seismic survey of Kohat Block in Pakistan with the client OGDCL Pakistan.

- Implementation and Monitoring of OSH policy, Programs, and Procedures.
- Participate in the Review of new/updated HSE Procedure.
- Roll out of new/updated HSE Procedures.
- Carry out PTW Audits, Record Findings, and Communicate and discuss findings of PTW Audits with the audited parties.

- Prepare and present trend analysis for PTW audits at the area HSE monthly meetings. Audit covers all stakeholders in different departments.
- Review method of statements and risk assessments related to PTW. Participate in Task Risk Assessment which involve site visit and discussions.
- Monitor; coordinate with IT for proper functioning of PTW plasma to ensure all daily activities are stipulated clearly on plasma for use by management, HSE and other concerned parties.
- Participate in the panel assessments for AA/IA/JP as per PTW procedure.
- To assist in preparation and implementation of Facility response plan.
- Participate in accident investigation teams as permanent member, which include preparation of detailed investigation report as per procedure.
- Sending reports on a weekly basis and in digital format all of the Supervising results, including; a small descriptive memory of the situation and evaluation of the various manners.
- Execute the Inspection of workplace for potential hazards.
- Carry out Risk assessment and its controls before performing any job.
- Conduct the emergency drills, to ensure equipment is properly functioning and staffs are aware of what to do in an emergency.
- Implementation of HSE Policies. Compliance of all necessary measures regarding client's HSE policies.
- Also compliance with all local and national protocols, agreements and conventions.
- Shall verify & monitor that acceptable level of housekeeping is maintained at all times both at the camp & at the work location.

INTERNSHIP

Sui Southern Gas Company Limited (SSGCL).

June 2010 to July 2010

Distribution system of natural gas to towns and the equipment's that used in; like TBS, SMS, and PRS and also about the maintenance of the distribution lines.

QUALIFICATION

B.E -Petroleum and Natural Gas Engineering

2007-2011

Mehran University of Engineering and Technology Jamshoro, Pakistan

CERTIFICATIONS AND TRAININGS

- Directional Drilling
- gMWD, GWD, Memory Logging, Memory Surveying, Real Time Gyro Surveying.
- MT/PT (ASNT L-II).
- NEBOSH IGC (PRACTICAL APPLICATION).
- IOSH (MS).
- One day short course on “**Under Balanced Drilling**” by Weatherford Pakistan.
- One day short course on “**Well Testing, Completion and Well Fluid Processing**” by OGDCL Pakistan.
- One day short course on “**Fundamental of Vertical Drilling, Well Control & Monitoring**” by British Petroleum Pakistan.
- One day short course on “**Concepts of Directional Drilling**” by Weatherford Pakistan.

PROFESSIONAL STRENGTH

- Excellent planner and executioner with an eye on the minutest details.
- Proactive management style with plan B always in place.
- Motivational Team Leader and Resource Investigator.
- Immaculate and thorough professional communication style.
- Willing worker with an aptitude of going an extra mile.

Reference will be furnished on demand