**MUHAMMAD JALAL**

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**Saudi Arabia**

# RUSUME

# Profile Summary

* A highly motivated professional with more than 15 years' multiple experiences **(Operations/Project Management, Wellsite/Drilling Activities, Geoscience Data Management, Geoscience Micro CT Rock** **Core laboratories)** of Oil and Gas Companies in Saudi Arabia, Sudan, Syria and Pakistan.
* Currently working as Operations Manager of General Inspection Services Division with Gulf Engineering House on Aramco GIS Project, KSA.
* Previously worked as Geoscience Rock Core Lab Engineer, Geoscience Data Management Specialist in Aramco (Contractor), Data Engineer/Mudlogger in Schlumberger and China National Logging Corporation (CNLC).
* Professionally trained and experienced in several Geophysical and geological applications such as Gravitas/Winlog, Neuralog (NDS) Terrastation, XS Control, ncveiwer, Pmecterm, Qrumba and Qmango (Micro CT), ArcGIS.
* Sensitive to the dynamics of cross-cultural workspaces; Open to worldwide relocation
* An enterprising leader with proven dexterity in leading and directing personnel towards the accomplishment of a common goal.

# Core Competencies

1). Project Management 2). General Inspection Services Operations 3). Wellsite/Rig Activities 4). Exploration Data Management 5). Rock Core Sample 2D and 3D image processing and Acquisition.

6). Geoscience Rock Core Lab

# Education

* Diploma in Project Management from skill Development Council Lahore, Pakistan.
* Master. (Petroleum Geology) from University of Peshawar, Pakistan.
* BSc (Hons). (Geology) from University of Peshawar, Pakistan

# Certifications and Professional Courses

* QMS certified Lead Auditor **ISO 9001:2015.**
* Lean Six Sigma white belt course from Smart Interaz.
* Project management course from Master of project academy.
* Integrated Management system awareness Training course from GEH.
* Rock Core Sample Handling, 2D and 3D image Processing and Acquisition from Lithicon and ANU, Australia in (2013).
* Rock Core Sample Handling, 2D and 3D image Processing and Acquisition including safe usage of the Micro CT Machine from Lithicon and ANU in (2014).
* Data Engineer course from Schlumberger training center UAE.
* Reserval (Gas system) Course from Schlumberger training center KSA.
* Advance Mudlogging and well site operations course from Schlumberger training center UAE.
* Basic Mudlogging course from Schlumberger training center UAE.
* Basic Mudlogging course from China National Logging corporation training center Khartoum, Sudan.

# Safety Courses

* OSHA 30 Hours Training Course in Occupational Safety and Health Standards for General Industry
* H.U.E.T and Sea Survival. (KSA)
* H2S and Breathing Apparatus (KSA)
* Fire Fighting and First Aid. (UAE)

# Work Experience

**Since Dec’2016 with Gulf Engineering House KSA, as Operations Manager of General Inspection Services Division on Aramco GIS Project.**

**RESPONSIBILITIES:**

* Supervising daily General Inspection Services (GIS) Operations.
* Manage all aspects of daily operations, use of resources and materials, and all administrative aspects.
* Ensuring the accurate operation of the database for retrieving and updating GIS employee data information in the database and submitting to Aramco on a weekly basis.
* Attending meetings in Aramco as per Aramco Requirement as a company representative.
* Selecting candidates review their CVs and submit to Aramco for interview.
* Preparing and submitting Mobilization and Vacation plans of GIS inspectors to Aramco
* Preparing and submitting weekly and Monthly Mobilization and other reports to Aramco.
* Preparing and submitting GIS weekly report to GEH account division.
* Managing and administering Vehicles and Accommodations for GIS Inspectors.
* Following up with Vehicles and Accommodation maintenance as per Aramco standard.
* Following up with GEH GIS supervisors for monthly timesheets of GIS inspectors.
* Receiving and submitting Aramco approved Timesheets of GIS inspectors to Account division.
* Following up with Aramco for vacation reliever as per requirement.
* Verifying the subcontractor’s invoices.
* Communicating with subcontractors for new GIS requirements.

# Previous Assignments

**Oct’14-Dec’16 with Aramco (Contractor) in Aramco Exploration Core Lab on 3D Rock Core digital imaging and Analysis Project as Geoscience Rock Core Lab Engineer in KSA.**

**RESPONSIBILITIES** **WERE:**

* Preparing Rock Core Samples for 3-D Imaging to produce high resolution 3D tomograms.
* 3-D Imaging of Rock Core, Plug and Sub Plug by Long and Quick Scan.
* Acquired 3D Tomogram by Using Qrumba software.
* Quality checking of the Acquired Tomogram.
* Reconstruction of the Image by using Mango software.
* Preparing Quick scan report.
* Selection of region for cutting rock core sub plug for high resolution image.
* Saturation of Rock Core Plugs and Sub plugs.
* Cleaning of Saturated Rock Core Plugs and Sub plugs.
* Plasma Treatment of Rock Core Plugs and Sub plugs.
* Sample imbibition.
* Maintenance of MCT, Milling, plasma and saturation machines.
* Preparing Daily 3-D Imaging report.

**June’11-Oct’14 with Aramco (Contractor) as Geoscience Data Management Specialist in KSA.**

**RESPONSIBILITIES WERE:**

* Duties were to Dealing with all sorts of Well logs, field data & different Formats by using NEURA LOG AND TERRASTATION, GRAVITAS/WINLOG Software’s on Editing, Scanning, Digitizing, Processing and Well data loading.
* Managing all Wells logs data, database handling.
* Preparing weekly, monthly data reports, indexing the details of Wells Logs and Quality Control (QC) of Loaded Wells Logs and Images.
* Contributes to team effort by accomplishing related results as needed.

**April’07-June’11 with Schlumberger as Data Engineer/Logging Geologist in KSA.**

**RESPONSIBILITIES WERE:**

* As a Data Engineer supervised the daily operation in mud logging unit besides conducting the online monitoring of drilling, gas and mud parameters and report any well emergencies for immediate action. Check the daily geological reports prepared by mud logger and submit to well site Geologist/Company man
* As a logging Geologist monitored exploratory, development, vertical, horizontal and deviated wells, providing on time information about well emergencies and keeping good relation and contacts with drilling crew and client. Preparing all the Geological reports, Master Log, Gas Logs, and Drilling Log. Marking Formation tops, Casing point’s selection, describing cutting samples, describing oil shows, Core handling and full core description, Study of MWD/LWD logs for correlation, interpretation of the logs, mark the zone of interest (HC), wire line quick look analysis, well correlation, Gas analysis and shows evaluation for gas ratio, Advice on bit selection, formation pore pressure and drilling hazards, Follow up rig operations. Quality control of all geological reports and mud logging data so as to provide up-to-date information about the well to the client’s full satisfaction.

**Jan’06-April’07 with China National Logging Corporation (CNLC) as Logging Geologist in Syria and Sudan.**

**RESPONSIBILITIES WERE:**

* As a logging Geologist monitored exploratory, development, vertical, horizontal and deviated wells, providing on time information about well emergencies and keeping good relation and contacts with drilling crew and client. Preparing all the Geological reports, Master Log, Gas Logs, and Drilling Log. Marking Formation tops, Casing point’s selection, describing cutting samples, describing oil shows, Core handling and full core description, Study of MWD/LWD logs for correlation, interpretation of the logs, mark the zone of interest (HC), wire line quick look analysis, well correlation, Gas analysis and shows evaluation for gas ratio, Advice on bit selection, formation pore pressure and drilling hazards, Follow up rig operations. Quality control of all geological reports and mud logging data so as to provide up-to-date information about the well to the client’s full satisfaction.

# Technical Seminars and Conferences attended

* ATC 2005 (Annual Technical Conference) of Hydrocarbons Islamabad by PAPG (Pakistan Association of Petroleum Geoscientists).
* Earth Quick Conference 2006 Islamabad Pakistan.
* Middle East Oil and Gas Show Conference Bahrain 2011.
* Middle East Oil and Gas Show Conference Bahrain 2012.
* Middle East Oil and Gas Show Conference Bahrain 2013.

# Languages

# English, Pashto, Urdu, Hindi, understand Arabic

# Personal Details

* Date of Birth 09 April 1982.
* Passport NO AC8708853
* Religion Islam
* Nationality Pakistani
* Material Status Married
* Driving License Saudi Driving License
* Iqama Transferable

**References**

To be furnished on demand.