

40000385

Deputy Chief Engineer- **Drilling**



Summary

Drilling Engineer professional with **over 10-years of diversified experience** in different regions, environments and organizations.

Author of many technical bulletins/ Flashes/ special procedures and including Three SPE papers (SPE-132694, SPE/IADC-131971 & SPE-183102-MS) on innovative drilling technology applications.

Experience

Deputy Chief Engineer- Drilling at Pakistan Petroleum Limited

July 2016 - Present (8 months)

Working with organisation in the role & leading the team responsible for **planning & execution of Drilling and workover wells.**

Senior Drilling Engineer at Pakistan Petroleum Limited

July 2015 - July 2016 (1 year 1 month)

Working with organization in the role of SDE leading the team responsible for **planning & execution of Drilling and workover wells.**

Sr. Drilling Engineer- LukOil ME at Baker Hughes

April 2014 - July 2015 (1 year 4 months)

Ensure compliance of safety standards by designing and planning technically sound drilling plans and in compliance to HSE standards.

Responsible for review of drilling plans, lead for the execution of the plans from all aspects to achieve bench- marking performance. Conduct DWOPs, Pre-spuds and After Action review sessions as per drilling program prior, during and after execution phases. Ensure recording lessons learnt and best practices to optimize on drilling performance.

Closely monitor the Key Performance Indicators and drive the team to meet the targets. Evaluate the variances and track the trends on regular basis and challenge the patterns.

Drilling Engineer/ Drilling Advisor- ZFOD at Baker Hughes

April 2013 - April 2014 (1 year 1 month)

Equipment Engineer at National Drilling Company

April 2013 - May 2013 (2 months)

Drilling Engineer at National Drilling Company, Abu Dhabi

July 2011 - April 2013 (1 year 10 months)

Managing activities which include managing Engineering Data Base and carrying-out Engineering Analysis for Onshore & Island Operations Division. Conduct & Lead Studies for different projects in order to improve the performance of Operations.

- Focal point for the fleet of Land Rigs in managing Drill String, Managing Operational Data of Critical Wells and Situations as Stuck Pipe and Well control etc
- Managing "Well Delivery Limit" and Custodian of the WDL data.
- Looking Well control, drill string & BHA management of Onshore/ Island division and prepare Technical Bulletin circular letters for optimization of the performance.
- Evaluate critical wells on weekly basis & prepare action points for management.

- Recording of Repair & Event NPT & providing solutions on reducing the same below targets. Responsible for managing Drilling Data base which includes well data such as footage, Horizontal data, Aerated drilling data, time breakdown, repair & maintenance, NPT, Drill String failure, Pipe Stuck, Well Kicks, drilling problems, Rig Moves & WDL performance.

Sr. Drilling & Ops Engineer at Dewan Petroleum Pvt Ltd

January 2007 - July 2011 (4 years 7 months)

Drilling Operations:

- Drilling planning, Plan / prepare Well Cost Estimates, Technical & Engineering; and Monitor Well drilling performance, Prepare Drilling Rig schedule for the planned wells & Drill Bits selection and optimization.
- Plan & prepare procedures & programs for the special tools & equipment /cement slurry designs /mud systems /BHA /directional planning /casing seats /casing design /directional drilling /performance drilling / side track plan /Drill bits selection & optimize parameters to enhance ROP & drilling hydraulics
- Plan for upcoming prospects in company's concession areas and forecast materials & services requirement.
- Maintain effective communications throughout the department and with "Clients" ensuring efficient coordination within & outside the company.
- Responsible for Contracts & Materials Management required by the Drilling & Operations Department including preparation of Tender Documents & Services Contracts, Techno-commercial Evaluations for services and tangibles & coordination between vendors & Procurement to ensure Work order Compliance.
- Compliance of all Operations with Company's HSE Policy. Workover Operations:
- Supervise workover operations (Rig/ Rigless), including Running/ Pulling Well Completion, Wireline/ Slickline Jobs, Wellhead Installation & remedial work.
- Supervise CT jobs including Acid Stimulation, Kick-off jobs, Tubing clean-up jobs and Pumping Water shut-off gels.
- Independently set Whipstock, Bridge Plugs, Cement retainers and Liner Hangers.
- Prepare/ Supervise Well Testing & Completion programs/Operations. Financial Responsibilities:
- Preparation of well AFE Documents & Budgets.
- Monitoring daily progress and update AFE cost and compare with expenses.
- Verification of technical invoices.

Astt Drilling Engineer at Mari Gas Company Limited

January 2005 - January 2007 (2 years 1 month)

- Worked as Field Drilling Engineer and mainly involved in drilling operations.
- Preparation of Daily Wellsite Reports including Daily activity & Cost Reports
- Running-in Casing/ Liner, Verification of Cement calculations. Evaluating drill bit dulls and preparing recommendations.
- Participated in Acid Wash of Perforations, BHP Survey Campaign of Wells with Company's in-house team using Slick Line.

Organizations Energy Institute Professional Member

Projects

Setting-up Standard for Tubular Quality & Management Manual for NDC

January 2012 to March 2013 Members:Ghulam N. Agha Dewan-3ST

April 2010 to August 2010

Members:Ghulam N. Agha, SALMOON ILYAS [L.I.O.N], Abdul Rahmaan, Adnan Javed

Well Name: Dewan-3ST

Project Classification: Re-Entry/Deepening of Dewan-3 Well.

Dewan-5A

December 2009 to January 2010

Members:Ghulam N. Agha, SALMOON ILYAS [L.I.O.N]

Well Name: Dewan-5A

Project Classification : Workover.

Dewan-3ST

April 2010 to August 2010

Members: Ghulam N. Agha, SALMOON ILYAS [L.I.O.N], Abdul Rahmaan, Adnan Javed

Well Name: Dewan-3ST

Project Classification: Re-Entry/Deepening of Dewan-3 Well.

Publications

SPE Paper 132694: Designing of Ultralight Slurry for Liner Cementation

SPE : Trinidad and Tobago Energy Resources Conference, 27-30 June 2010, Port of Spain, Trinidad June 27, 2010

Authors: Ghulam N. Agha

Designing of Ultra Light Cement Slurry for Liner Cementation

SPE Paper 131971: Successful Re-entry in a Challenging Drilling Environment SPE/IADC Asia Pacific Conference in Ho Chi Minh, Vietnam November 1, 2010 Authors: Ghulam N. Agha

Drill-Line Wear & Tear Analysis & Revision of Ton-Mile Program

NDC

Authors: Ghulam N. Agha

Handling Drill Collar for Operational Life Optimization

NDC September 2012 Authors: Ghulam N. Agha

Guidelines for LCM Placement Technique to reduce Directional BHA plugging incidents

December 28, 2014 Authors: Ghulam N. Agha

SPE-183102-MS: First Application in Sui Field of Near-balanced Nitrified Foam Drilling resulted in Record Drilling time to reach TD; in Pakistan – A Case History

SPE-ADIIPEC November 10, 2016

Authors: Ghulam N. Agha

Courses

Drilling Engineer

National Drilling Company, Abu Dhabi Introduction to Project Management Sea Survival & HUET

Decision Making & Leadership Skills H2S Safety Training

Advanced Well Control

Leadership & Problem Solving Skills

Equipment Engineer

National Drilling Company Introduction to ERD & MRC Wells Fire Fighting for Offshore Operations

Drilling Engineer/ Drilling Advisor- ZFOO

Baker Hughes

IWCF

83944/AD249/1876

Stuck Pipe Prevention SAP System Utilities

Independent Coursework

Stuck Pipe Prevention

Languages Arabic (Basic) English

Urdu Sindhi Punjabi

Skills & Expertise

Oil & Gas Drilling Project Management

(Advanced, 2 years experience)

Well Supervision

(Advanced, 4 years experience)

Well Planning

(Advanced, 3 years experience)

Drilling Completion

Drilling Operations & Engineering Engineering
Supervision
Project Management Planning Directional Drilling Onshore
Energy Industry Stimulation Completions Drilling Engineering Wireline
Hydraulics Tubing
Product Optimization Well Control Workover
Rig
Offshore Drilling Casing
Inspection Petroleum Cement Gas Oil/Gas Logging Pressure QHSE
Field Development Reservoir Engineering Pumps
Upstream
Reservoir Simulation Reservoir Management Formation Evaluation Fluids
Petrophysics Competitive Intelligence Deepwater
Offshore Operations Production Engineering Reserves
Subsea Engineering Well Intervention Drilling Fluids

Education

Robert Gordon University

Introduction to Subsea Operations, Offshore Engineering, 2014 - 2014

Mehran University of Engineering and Technology Jamshoro

BE, Petroleum & Natural Gas Engg., 2001 - 2004

Activities and Societies: I was active member of SPE Chapter and Chaired different committees besides working as an Executive officer (Treasurer) of the Chapter. I was selected as "Best Student of the Year for Year -2003" on winning position of Inter-departmental Presentation Contest held by SPE.

Interests

Occasional Hiking.

Reading Novels (Specially of Paulo Coelho)/ Writing Blogs, Reading Poetry Playing Cricket, & most importantly

Driving

Honors and Awards

Applause under "Baker Hughes Energize Recognition Program"

Baker Hughes Project Manager January 2015

On support to Financial Planning & Accountability team
