

Holds a B. Sc. in Chemistry and has about 17 years experience working as Chemist.

PERSONAL DATA

Nationality : Egyptian
Birth Date : 01/01/1985
Gender : Male
Marital Status : Married
Residence : Cairo

EDUCATION

: B. Sc. in Chemistry, Zagazig University, 2006

LANGUAGES

Arabic : Native Language
English : Fluent

COMPUTER SKILLS

: Windows, MS Office, Internet

TRAINING COURSES AND CERTIFICATIONS

: Acid Frac School.
: Chandler instruments Training course.
: Hydrogen Sulphide – OPTIO Certificate.
: Code of Business Course.
: Conformance Fluid Course.
: HMS PROCESS.
: RADIO FREQUENCY EMISSION AND WELL SITE SAFETY AWARENESS FOR NON-USERS.
: SHELL - HALLIBURTON LIFE SAVING RULES.
: ENVIRONMENTAL AWARENESS.
: QUALIFIED RIGGER.
: HAND AND FINGER SAFETY.
: CONFINED SPACE ENTRY.
: LOCKOUT / TAGOUT.
: DISCHARGE MANIFOLD EQUIPMENT.
: DEFENSIVE DRIVING.

- : BACK SAFETY TRAINING.
- : INTRODUCTION TO THE CODE OF BUSINESS CONDUCT.
- : HEARING PROTECTION.
- : HAND AND POWER TOOL SAFETY.
- : ELECTRICAL SAFETY.
- : PERSONAL PROTECTIVE EQUIPMENT.
- : 5S OVERVIEW.
- : CRITICAL FOCUS AREAS.
- : STOP WORK AUTHORITY.
- : FIELD OPERATIONS GENERAL JOB EXPECTATIONS.
- : Stimulation (I, II).
- : Trainings at:
 - North Bahariya Petroleum Company "Norpetco" (Jul. 2006).
 - Petrogulf Egypt Company (Jul. 2006).
 - Khalda Petroleum Company "Apache" (Jul./Aug. 2006).
 - General Petroleum Company "GBC" (Aug. 2006).
 - Dara Petroleum Company "Petro Dara" (Aug. 2006).

CHRONOLOGICAL EXPERIENCE RECORD

Dates : From Jun. 2011 till now
Employer : Halliburton Overseas Limited Co. – EGYPT
Job title : S. Lab Engineer

Dates : From Apr. 2006 till Jun. 2011
Employer : Halliburton Overseas Limited Co. – EGYPT
Job title : G. Lab Tech. Chem. Assoc.

Field of experience :

- About 17 years' experience in oil and gas industry working as Fluid Engineer in Halliburton, with adequate operational, technical skills and extensive knowledge regarding operations in the Middle East.
- On Laboratory:
 - Experience holding all quality assurance and quality control related to fluid Frac/Acid jobs to stimulate oil and gas wells.
 - Selection, design and application of successful hydraulic fracturing fluids and acidizing treatments in all types of formations.
 - Field studies involving review of well histories, lithology and log interpretation for the selection of well stimulation fluids, recommendations for improvement and post-treatment evaluation.
 - Selection, design and on-site application of hydraulic fracturing fluids for critical high and low temperature permeability wells.
 - Development of modified fluids and procedures for effective well stimulation (with propped fracturing, acid fracturing and matrix acidizing).
- On Field Location:
 - On-site laboratory testing of fracturing fluid (pilot testing) with new techniques.
 - Water analysis such as bacteria, iron sulfate, hardness (total),

- alkanity, chlorine present in water.
- Application of various remedial treatments (removal of water blocks and residual spent stimulation fluids and clean-up of scale and salt deposit removal).
- Hydraulic fracturing treatments using slick gel (low viscosity fluid) in clay with sand rock (Early Cretaceous formation age).
- Troubleshooter with on-site problems such as gel degradation, foaming, etc...
- Design Thermally stable frac fluid system with CMHPG and delayed zirconium cross-linker by using high temperature stabilizer for high temperature wells.
- Calculate time for reaching fluid to the bottom and used this data to design accelerated delayed cross-linker schedules.
- Breaker Optimization.
- Design acidizing treatment for sandstone with HF and HCl.
- Experienced with acid treatment and old well casing with organic acid (acetic and citric).
- Expert to do pilot testing of stimulation fluids such as salinity, rheological properties, pH, thermal stability, crosslinking time, hanging time, proppant holding capacity, vortex closure test, acid concentration.
- Supervise waste management operation.
- Technical Experience:
 - Managing the quality control process in accordance with company procedures.
 - I have an extensive experience inside Halliburton exceeding 13+ years in the QA/QC field.
 - In charge of field operation fluid management for more than 120 annually, in the scope of Reservoir Stimulation.
 - In charge of fluid optimization based on the stimulation technique.
 - High level for communication with colleagues, client and line management.
 - High commitment with HSE and safe work environments.
 - Perform all cement, PE, PPS, PS Lab testing procedures and recipe.
 - Real time quality control quality assurance onsite.
 - Coordinate Frac job (mixing unit, blender, quality control job progress, chemical inventory).
 - Maintain the delivery of well-site instructions and Job Orders as per Client requirements.
 - High skills with the lab standard and working pipeline standard.