|  |
| --- |
| Slimane Hamdi  *Total fluids (drilling/cementing) management specialist* |

|  |  |
| --- | --- |
| Mobile / whatsapp +213664636771  Address: Citee 11 Dec 1960 coop millinaire Bt 8/4 Boumerdes 35000 Algeria | Slimane.medh@gmail.com  LinkedIn: [slimane hamdi](mailto:slimanehamdi68@yahoo.fr) |

|  |  |
| --- | --- |
|  | *SLIMANE HAMDI's experience appears to be concentrated in drilling, cementing, completion fluids Operations and drilling waste Management Activities. SLIMANE HAMDI has 19 years of work experience, with 9years of management experience, including a low-level position.* |
| Skills & Abilities | *Drilling, Completion, Cementing fluids ,and drilling Wastes Management Supervisor /superintendent for deep drilling exploration and gas wells (more than 30 wells), High pressure (more than 20ppg), high temperatures (more than 170°C), H2S and Co2 reservoir (hazard level-3) anhydrite, gypsum, carbonate, shale , salt formations experiences. Carried-out design and approval with the contracted service providers. Management and responsibility for the disposal and treatment of all fluids waste(Environmental management&Solid control efficiency).*   * *Computer skills: Microsoft Excel, Words and Power point, wellsite onetrax, wellsite, dims.* |
| Experience | **LR SENERGY WELLS LTD Jan’19 –Dec’19**  **Total Fluid Management superintendent Sonatrach Project**   * *Contributing in engineering & designing, for optimizing the fluids operation.* * *Optimize and formulate the fluids to improve well quality, reduce time and cost. Plans.* * *Evaluation of Waste Management operations, through (Skimming (oil/Water separator System).* * *Selection of chemicals and fluids to ensure fitness-for-purpose.* * *Optimizing the cementing operation with services provider.* * *Planning, programming, and executing different cement operations such as: Stinger jobs(conductor) ,Surface casing, Intermediate casing, Production liners, Squeeze cement jobs, Salt saturated cement slurries jobs, Light & high compressive Strength slurries, gas stop migration cement slurry, squeeze by hesitation job ,isolation plug, failed FIT & SBT remedial jobs.* * *Planning, programming, cement jobs.* * *Reviewed lab testing of cement slurry (thickening time test, compressive strength, fluid loss, rheology, free water, static gel strength, compatibility, etc....)* * *Evaluating drilling fluids, SCE, waste management and cementing service quality, contract and tender.* * *Implements and promotes company HSE policy, procedures, regulations and objectives.* * *Ensure the well integrity and reach targets in best conditions of safety and efficiency without accidents, incidents or environmental damage accordance to SONATRACH standard HSE guidelines and drilling procedures.* * *Be proactive in order to exclude Non Productive Time (NPT = 0 %).* * *Performance evaluation KPI.* * *Planning the TFM package, reporting to SH Project manager & LR Well Manager.* * *Development of Project procedures by developing of best practices and recommend for improvements.* * *Assistance, Motivation and Coach of field personnel to maximize performance & meet desired standards.* * *Deal & Assist contractor DF, WM, SCE & cementing coordinators the day-to-day well site execution of programs.* * *Ensure that Contractor's set commitment, goals, and objectives are fulfilled.*   **MBPS for ARAMCO- SAUDI ARABIA Jul’16-Jul'17**  **Drilling Fluids Operations Superintendent**   * *Responsible for providing technical support to supervisors and Engineers at rig sites, keeping liaise with client, review of daily mud reports and well recaps, modification of mud program of crucial / complicated phases.* * *Maintained HSE procedures and policies,Risk management objectives & Prevention.* * *Perform quality assurance of fluids systems.* * *Optimize the management of Fluids Services&Drilling Waste Management Plans procedures.* * *Perform technical and operational reports.* * *Control logistics and inventory management.* * *Ensure permanent quality of data reporting.* * *Completed fastest and most economic wells.*   **GAZPROM EP INTERNATIONAL Jan’14-Jun’16**  **Total Fluid Management**   * *Supervising & contributing in engineering & designing, for optimizing the fluids operation through applying the most suitable systems.* * *Optimize and formulate the fluids as per well program in order to improve well quality and reduce time and cost. Plans.* * *Supervising, evaluate and inspect, the Solid Control equipment (SCE) & Waste Management (WM) operations, through applying the most suitable systems ( Skimming (oil/Water separator System),Stabilization/solidification ,Thermal Desorption).* * *Submits end of the section / well recap, including “Incident Report” , with observations, recommendations and lessons learnt .* * *Participates in selection of chemicals and fluids to ensure fitness-for-purpose.* * *Optimizing the cementing operation through applying the most suitable systems with services provider.* * *Planning, programming, and executing different cement operations such as: Stinger jobs(conductor) ,Surface casing, Intermediate casing, Production liners, Squeeze cement jobs( Bridge plug ,cement bailer & cement retainer),Salt saturated cement slurries jobs, Light & high compressive Strength slurries, gas stop migration cement slurries.* * *Planning, programming, and supervise, cement jobs using, casing with expandable casing packer ,Perforated liners, Tie back, P&A cement plugs, Losses circulation plugs, Kick off plugs, with One & Two stages.* * *Ordered and reviewed lab testing of cement slurry (thickening time test, compressive strength, fluid loss, rheology, free water, static gel strength, compatibility, etc....)* * *Supervise the corrosion inhibition operations.* * *Issuing & evaluating drilling fluids, SCE, waste management and cementing service quality, contract and tender.* * *Implements and promotes company HSE policy, procedures, regulations and objectives.*   **MBPS for PDO- OMAN Sep’12-Dec’13**  **Senior Drilling and Completion Fluids Engineer**   * *Exploration and deep gas wells, more than 5000m ,(Fahud area), High pressure (more than 20ppg), high temperatures (more than 180°C), H2S experience.* * *Fluids, Cement and Waste Treatment management practices in the field operations.* * *Management and responsibility for the disposal and treatment of all fluids waste (Environmental management & Solid control efficiency).* * *Review, adhered and understood, Fluids, Cement and Drilling Waste programs and procedures.*   **MBPS for ARAMCO- SAUDI ARABIA Mar’11-Aug’12**  **Fluids Filtration Supervisor**  *Used DIATOMACEOUS EARTH FILTERS & CARTRIDGE FILTERS, with fastest and most economic procedure for.*   * Debris removal. * Controlling formation pressures during completion and intervention operations. * Enabling repair operations as a circulating or kill fluid medium. * Packer fluids. * In some stimulations as base fluids. * Mud displacement prior to cementing. * Enable cleanup of the zone prior to running screens. * Reduce friction while running screens & equipment.   **MBPS for ARAMCO- SAUDI ARABIA Dec’07-Mar’11**  **Field Supervisor**   * *Responsible for providing technical support to Engineers at rigs, keeping liaise with client, review of daily mud reports and well recaps, modification of mud program of crucial / complicated phases, field support and provide the complication reports of different fields.* * *Maintained HSE procedures and policies.* * *Fluids and Cement management practices.* * *Work with all aspects of Drilling and Completion Fluids, Cementing and Waste Treatment in the field operations* * *Risk management objectives & Prevention.* * *Perform quality assurance of fluids systems, stock inventory , consumption and reporting.* * *Management Plan and Waste Management Plan procedures.* * *Ensure that Fluids, Cement and Drilling Waste programs and procedures are available, understood and adhered by the PERSONNEL involved.* * *Write technical and operational reports.* * *Optimize the management of Fluids, and Waste Services in the field.* * *Review onsite cementing programs* * *Follow up all field operations Assist specific operations on rig sites when required.* * *Control logistics and inventory management.* * *Generate order of chemicals.* * *Review and report analyses of any equipment failure or non-conformance services.* * *Ensure permanent quality of data reporting.* * *Review and report solids control equipment efficiency and Lab analyses* * *Responsible at gas and exploration wells completed fastest and most economic wells. (Received letters for best performance).* * *Deep drilling gas wells in south area (Ghawar project) with 20+PPG, KCL, Hydroguard&formate (12+PPG) muds.* * *Drilling exploratory wells with complicated situations (kick/losses) successfully, in highly pressurized middle Triassic (Jilh) formation with 20+PPG. (Received appreciation letters from operators for excellent mud performance).* * *Hawtah and Nuyym field, highly unstable shales for horizontal reservoir. “Oil base mud system was used to stabilize that unstable shale in deviated hole and completed wells successfully.* * *Attached with deep drilling rig 30000ft deep wells (Manifa project) with CO2 hazard, conducted to carbonate contamination solved successfully, and Offshore gas exploration Project, HPHT deep water drilling in Safaniya, Karan & ZULF field , Challenge was the adaptation and specific design of the drilling mud, must keep its properties, because of temperature and pressure Ranges, the formation of gas hydrates , matter to use of thermodynamic inhibitor additives (mainly salt and glycol additives, oil-based mud was option with more care regarding emulsion (wetting agent) , and gelation (gel strength)).* * *High pressure and H2S in reservoir (hazard level-3) in Quatif field.*   **MBPS for ARAMCO- SAUDI ARABIA Mar’07- Dec’07**  **Field Engineer**   * Joined MB Petroleum, KSA, assigned to work for Aramco as a mud engineer. * Worked in Shay bah area, pressurized shallow wells with deviated hole with more than 8000ft horizontal 90deg open hole bi and trilateral, completed with smart completion successfully. * Next assignment was in Nuyyam field used OBM with NaCl Salt Saturation.. * Ghawar (Shadgum, Uthmania, Udhailia, Harad), oil shallow wells, using different types of low solids non damaging mud.   **MISWACO Algeria Mar’05 - Dec’07**  **Lead Mud Engineer**   * Worked with “MISWACO Algeria'' as a Lead Mud Engineer attached with deep drilling rig (~5000m deep wells), engaged in drilling exploratory wells with high pressure reservoir (hazard level-3) using up to 18+ PPG mud, drilling in massive salt beds lithologies, used OBM with NaCl Salt Saturation. * Worked as technical lead engineer using trial tests of new systems, Aphronics, Sildrill, improved salt saturated mud….. * Supervising treated and recycled drilling fluids by online waste management equipments.   **MISWACO Algeria Jan’04 - Mar’05**  **Mud Engineer**   * Worked in the position of mud engineer, drilled HPHT wells in the areas of HassiMessaoud, HassiR'Mel Gas, HassiBerkine, TFT, In Salah Gas, used LT OBM,OBM,KCL (to reduce dispersion and hydration of shales and clays) , Aphronics.   **MISWACO Algeria Apr’03 - Jan’04**  **Trainee mud chemist**   * Joined “MISWACO Algeria'' as a trainee mud chemist and attached with a technical and management department.   **Baker Hughes Algeria Aug’01 - Jan’03**   * Joined Baker Hughes HassiMessaoud, Algeria, as a subsequently promoted as Mud logging analyze. |
| D.FSYSTEM experiences | Polymer/ starch/ barite system ,Salt saturated mud (while drilling massive salt beds, also to reduce dispersion and hydration of shales and clays),Bentonite mud ,Glydril shale stabilizer system, Silicate shale and carbonate stabilizer system , Polyplus PHPA, shale stabilizer system.KCl polymer mud, Aphonics polymer system , Dispersed Bentonite mud , Low lime and Bentonite non-dispersed mud, Gypsum mud.Drill-In Fluid systems: clear HEC fluids, Flopro system, synthetic reservoir drill in, VERSADRILT/VERSACLEANT/Rheologically Enhanced VERSA Systems.Different types of brines as Cacl2, Nacl, Ca2Br3, Na formate, K formate, and Na/k formate.Invert emulsions (calcium chloride brine emulsified in oil), these fluids are minimally damaging to certain formations, Inhibited oil, Water-Base, “Bland” Coring Fluid,Mineral-Oil Coring Fluid.Viscosified water-based fluids, Nonviscosified water-based fluids, Gelled oil-based fluids,Acid-based fluids, Foam fluids. |
| Oil base mud systems experiences | * Low toxicity OBM, OBM Saturated with NaCl Salt and CaCl2 salt while drilling massive salt beds also to reduce dispersion and hydration of shales and clays,Oil – emulsion polymer mud, All oil mud unweighted by nitrogen for underbalance drilling. * *Oil-based fluids (OBFs) formulated with diesel, mineral oil, or low-toxicity linear olefins and paraffin, Shale inhibition is one of the key benefits of using OBM system with high-salinity water phase formulated with CaCl2 and NaCl brine.* * *oil/water ratio in the range from 65/35 ,70/30 , 90/10,95/5.* * *synthetic-based fluids (SBFs) provided new options to offshore operators who depend on the drilling performance of OBM systems to help hold down overall drilling costs &require more environmentally-friendly fluids (formulated with linear alpha olefins (LAO) and isomerized olefins (IO) ,biodegradability and low toxicity, esters .* * *Specific HP HT Wells drilled with OBM / SBM , Algeria, 18PPG & 19PPG,13000ft, 300 & 200°F.* * *Attached with Offshore gas exploration Project, Challenge was the adaptation and specific design of the drilling mud, because of temperature and pressure Ranges, the formation of gas hydrates , matter to use of thermodynamic inhibitor additives oil-based mud was option with more care regarding emulsion (wetting agent) , and gelation (gel strength).* |
| CementingSYSTEM USED | * *Portland cement slurries, Cement slurries blended with additives ,Salt saturated cement slurries .* * *Surface casing cement slurries,Intermediate casing cement slurries , Production liners cement slurries.* * *Remedial and Squeeze cement slurries ( Bridge plug ,cement bailer & cement retainer) , Sealing off lost-circulating zones and other potentially troublesome formations cement slurries.* * *Light*slurries , High compressive Strength slurries , Gas stop migration cement slurries. |
| DRILLING-WASTE MANAGEMENT | * *Minimize net waste and overall fluid costs,Plan and execute in order to reduce operating expenses and minimize environmental risk (recycling ,recovery, treatment and responsible disposal).* * *Identify the optimal disposal solution by analyzing fluid type, environmental restrictions, and waste streams.* * *Used the online treatment system , shaker and centrifugal-dryer systems, to reduce fluids retained on cuttings (OOC).* * *Applied the offline treatment system ,Skimming System (oil/Water separator), Stabilization/solidification ,Thermal Desorption, toComply with disposal and zero-discharge regulations.* |
| Education / Training | Academic:BadjiMokhtar University – Annaba Algeria – B.Sc. - Biology/ Biochemistry, 1992. **HSE:**HSE procedures, First aid, Health risks & hygiene, emergency response, lifting and handling equipment, Fire fighting, Chemical hazards, Environmental awareness (spillage containment etc) and emergency response ,H2S SCBA, BA escape set, Huet safety training , HSE leadership  **Technical:**Basic mud school Dubai March 2004 , IWCF,2004&2006, “TWIN FILTER” filter press and diapode Filtration equipments,2011, BASIC SOLIDS CONTROL, Drilling waste management equipment, Thermal desorption drilling fluids treatment equipments.  **Management:**Project management, Human recourses and development, ISO certification standards, principles and foundations of public relations, Strategic management, Microapplications, Riskmanagement, NLP....  **Other Skills:** assessing, coaching, training of other.... |
| Additional Information | ***Contract and Tenderingmanagement experiences:***   * *Prepared and Executed Tendering Process for “Onshore Fluids Services” drilling fluids, SCE, waste management and cementing service quality, with significant savings for Company( Gazprom EP):* * *+/- 5 MUSD/3-years on drilling/completion fluids activities* * *>3 MUSD/3-years on cementing and pumping activities* * *>1MUSD/3-years on Cuttings stabilization.* * *Development and Strengthening of Engineering/Audits and Services* * *Technical Support to commercial teams* * *Evaluation of relevant drilling and geological data from offset wells and the preparation of a drilling*   *fluids program.*   * *Preparation of wellbore stability analysis for use in defining required mud and cement properties.* * *Supply of all required drilling and completion fluid materials.* * *Reporting end of well inventories;* * *Supply, operation and maintenance of the required barite, bentonite...etc,and cement storage .* * *Supply and maintenance of the Drilling mud laboratory and cement equipment and supplies as required for thesuccessful execution of the drilling program.* * *Provision of qualified engineers responsible for the overall program.* * *Preparation of end of well drilling fluids and cementing reports as prescribed.* * *Implements and promotes company HSE policy, procedures, regulations and objectives.*   ***Logistics Coordination:***   * *Plan and prepare logistics for DF&cement, Programs&Quality Plans for individual Operations.* * *Forecast material requirements for specific operations and liaise with concerned responsible to ensure timely sufficient stock, and required equipment.* * *Ensure approval for mixing and/or SCE operating of drilling fluids is obtained and initiate these processes within a reasonable timeframe in accordance with operational requirements.* * *Ensure the implementation of the Quality Plan by liaison with all relevant.* * *Ensure correct and appropriate use of company product, assets, services and resources.* * *Request support as necessary from management and/or other departments to ensure sufficient back-up during operations where appropriate.* * *keepingliaison with other parties in case of trouble-shooting at the rig-site, for mud/equipments.* * *Assist and advise for the development and implementation of a strategically logistic marketing and support process.* |
| Languages | *Arabic - Fluent, English - Fluent, French - Fluent* |
| References | Johnston Kris LR Senergy wells Ltd. Algeria & MENA manager [Kris.Johnstone@lr.org](mailto:Kris.Johnstone@lr.org)Igor Popov Gazprom Algeria operation manager  [i.popov@gazprom-international.com](mailto:i.popov@gazprom-international.com) Ahmed Al Khodory DFE solutions operation manager  [khodhouri@yahoo.com](mailto:khodhouri@yahoo.com) VadymKotenko Gazprom Drilling Superintendent / Project Manager  [vadim.kotenko@gmail.com](mailto:vadim.kotenko@gmail.com) Kasi Raj MBPS Project manager  [kasirajg@yahoo.com](mailto:kasirajg@yahoo.com) |