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Objective To take a challenging role and make significant contributions in the multiple disciplines of reservoir engineering including well operations and production, reservoir simulations, characterization, and reservoir simulation. Reservoir Engineer with strong desire to learn and grow seeking position with company in which use my skills to their fullest.

Education

Master, Mechanical engineering, 2011
M'sila University
MS in Petroleum Reservoir Engineering, 2017
Algerian petroleum institut

Skills:

- Reservoir Engineering, reservoir management
- OFM (Oil Field Manger) Schlumberger software. **Eclipse** reservoir modelling.
- Pressure transient analysis, fluid property analysis
- **KAPPA** software (RTA rate transient analysis with **TOPAZE**, pressure transient analysis with **SAPHIRE**, production logging **EMERAUDE**)
- Numerical reservoir simulation and reservoir characterization
- Experience in cased hole log (TDT and PLT) and open hole logs (RFT and MDT)
- Strong experience in optimization of mature fields and field development planning
- Well performance forecast and modeling
- Forecast production and reserve estimation

Professional Experience:

- Renewable energy engineering 2013-2014
- CFD modelling engineer, Ansys fluent, COMSOL Multiphysics

- Reservoir Engineer, 2016-present
- SONATRACH, DP/Hassi Messaoud Alegria.

Responsibilities:

Petroleum Reservoir Engineer, 2016-present

- Performed reservoir monitoring and risk analysis.
- Utilized **KAPPA** software for the **DST** interpretation for new drilled Wells.
- Creation **Well /reservoir** models after **DST** interpretations technics
- Managed and supervised reservoir simulation for **RUBIS KAPPA SOFTWARE** and **ECLIPSE**.
- Determined coning conditions of gas and water.
- Performed pressure transient analysis, multiple porosity reservoirs, reservoir simulations and unitization.
- Utilized ECLIPSE (Geoquest Reservoir Simulator) in forecast modeling.
- Immense ability to recognize problems, design tests or collect data and solve the problem.
- Extensive knowledge and experience with multiphase pump and down hole separation technology.
- Solid experience in field development planning, optimization of mature fields, forecast production and reserve estimation and well performance forecast. Deep knowledge and experience in fluid property analysis, reservoir characterization, pressure transient analysis, numerical reservoir simulation and reservoir management.
- Involved in reservoir operations and well test analysis.
- Estimated the potential of a reservoir in order to determine its value.
- Conducted reservoir simulations to predict reservoir performance.
- Conducted reservoir engineering evaluations on selected properties to evaluate their potential, predict reservoir performance, and optimize future depletion and development plans.

Certifications and Affiliations

Certificate in Principal energy engineering

Association Mechanical Engineers

Wellcat Advanced Haliburton

Highlights Of Qualifications:

- Remarkable experience in Petroleum and Reservoir Engineering functions
- Good understanding of reservoir engineering concepts
- Skilled in reservoir flow simulation and basic engineering tools
- Amazing ability to create simulations and formulate analytical calculations
- Proficient with Prosper, WELLCAT, OFM, Eclipse, PETREL.
- Outstanding ability to handle multiple projects, work independently and within timelines
- Superior problem solving skills
- Strong communication skills