



"If you think hiring a professional is expensive, wait until you hire an amateur." - Red Adair

ID# VA0012GF

Petroleum Engineer

Summary

Petroleum Engineer, 28 years of experience. Expertise includes coast and jungle operations for Occidental, Pluspetrol and Kuwait Oil Company, service company in Houston with Baker Hughes. Currently with Oxy USA in Carlsbad, NM.

Worked in completion, workover, well service, artificial lift, production and waterflooding projects. Experienced in oilfield crude processing, ESP, gas lift designs and troubleshooting and production logging analysis. Performed field technical reviews, economical and risk analysis for developing drilling and production optimization projects. **Supervised field data quality control and screening** as a basis for future development studies in Tbilisi, Georgia. Team member for different tenders and Field Optimization Solutions proposals.

Fluent in English and Spanish. US citizen.

Education

National Engineering University - Lima- Perú – 1982. **Petroleum Engineer**

November 18, 2008 - Petroleum Geomechanics (Baker Atlas) - Houston, USA

October 22, 2008 - Miller Heiman Strategic Selling (Baker Hughes) – Houston, USA

October 7, 2008 - CLEAR Commercial (Baker Hughes Incorporated) - Houston, USA

October 3, 2008 - Practical Interpretation of Open Hole Logs (Baker Atlas) - Houston, USA

August 20-24, 2007 - Petroleum Experts Softwares (GAP, MBal and Prosper) - Houston, USA

February 21-23, 2007 - Project Management Course (Baker Petrolite) - Houston, USA

Professional Experience

April 2010- Present

Artificial Lift Specialist- Well Analyst – ABC, Inc. – Carlsbad, New Mexico

- Daily production reports elaboration, updating and analysis.
- Gas wells deliquification.
- Gas well productivity issues analysis, cost analysis and recommendations.
- Proficiency in LOWIS, eVIN, SROD
- Workover rigs and swabbing units job scheduling and cost analysis.
- Supervise the activities of ten production technicians.
- The project comprises of about 800 wells (ESP's, beam pumping, plunger lift, flowing)

January 2010 – March 2010

Specialist Petroleum Engineer –Field Development NorthKuwait - Kuwait Oil Company – Kuwait

- Recommendations to perform workover jobs efficiently improving production of the wells.
- Provide advice to young engineers for optimum field operations execution.

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- Recommendations to reduce water production by means of water shutoff programs.

November 2006- February 2009

Project Manager- Oilfield Development Evaluations- Baker Hughes Inc - Houston, USA

Optimization Solutions

- Performed technical and economical oil field interventions (Ecopetrol – Colombia)
- Performed Risk and Sensitivity Analysis for required projects (Montecarlo simulation with Crystal Ball software).
- Evaluated all wells production data and behavior.
- Detected oil field problems and provided technical recommendations.
- Data gathering and screening (Georgian British Oil Services Company in Tbilisi, Republic of Georgia).
- Field optimization study proposals (Pacific Rubiales Energy in Colombia).

Integrated Operations

- Analyzed, prepared and submitted integrated services tenders (Petrobras, USA)

September 2000- November 2006

Production Area Supervisor- Pluspetrol Norte S.A.-Perú

Production Facilities Operations

- **Supervised the activities of 25 people distributed in three production areas. These included:**

Field Processing of crude oil

-Phase separation, gas, oil and water

-Dehydration and desalting of crude oil

-Measurement of crude oil (LACT units)

-Transportation of crude oil by blending heavy (10 API) with light oil (30 API)

-Custody Transfer.

Downhole and Surface Production Operations

Restored flow assurance in plugged flowlines and productivity in ESP and Gas Lift wells.

- Implemented intermittent Gas Lift in the field.

December 1993- September 2000

Operations Engineer Sr Supervisor- Occidental Petroleum Co.-Perú

Completion and Workover Engineering

- Elaborated and planned completion, workover and well service operations.
- Prepared budgets, AFE's, completion, workover and well service programs.
- Prepared downhole well completion designs and surface flowline optimization.
- Provided logistics support to achieve preset goals in a timely manner.
- Performed post mortem assessment and took corrective actions in order to improve job efficiency and oil production.

Production Engineering including Artificial Lift

- Implemented appropriate technologies to optimize production and reduce expenses, including ESP, gas lift, flowing wells (implemented stop cocking production system).

Supervision Abilities

- Performed "Performance Appraisals" of the personnel under supervision every three months.
- Supervised the activities of ten Operations Engineers in items related to completion and production practices.
- Supervision of the activities of six "Electrical Submersible Pumps" people.
- Supervised the activities of subcontractors, Halliburton, Reda and Centrilift, SPI (Servicios Petroleros Iquitos).
- Environmental, health and safety guidance to the personnel.

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May 1983 - December 1993

Operations Engineer in Peruvian jungle block 1AB- Occidental Petroleum Co.-Perú

Completion and Workover Engineering

- Prepared budgets, AFE's, completion, workover and well service programs.
- Prepared downhole well completion designs and surface flowline network optimization.
- Provided logistics support to achieve preset goals in a timely manner.
- Performed post mortem assessment and took corrective action in order to improve job efficiency and oil production.
- Cement bond logging supervision and analysis.
- Casing evaluation logging supervision (Casing Inspection tool and Multiarm Caliper Log).

Production Engineering including Artificial Lift

- Implemented appropriate technologies to optimize production and reduce expenses.
- Economical parameters (pay out time calculations).
- Artificial lift designs (ESP and gas lift completions, Y tool when required) and monitoring.
- Production logging programming and supervision.
- ESP start-ups monitoring and teardown inspection in Reda and Centrilift shops.
- Gas lift survey analysis and troubleshooting.

Well Testing

- Formation testing planning, supervision and analysis (productivity index determination in flowing and not flowing wells).

Perforating Jobs

- Perforating jobs supervision, overbalance (wireline) and under balance (tubing conveyed perforating).

Stimulation Treatments

- Stimulation treatments, solvent and acidizing jobs, planning and supervision (restored productivity in damaged wells).
- Mechanical and Chemical Zones Isolation, bridge plugs, polymer and silicate treatments planning and supervision.
- The project comprehended vertical and deviated deep wells, about 12000' deep and 280 F. as well as horizontal wells.

January 1983- May 1983

Reservoir Engineering practices in Talara field-Occidental Petroleum Co.-Perú

- Mainly related to *waterflooding* - optimize water injection, oil production profiles and primary recovery items.

February 1982 -January 1983

Operations Engineer in Talara field, waterflooding operations. Occidental Petroleum Co.-Perú

- Artificial lift designs and monitoring, troubleshooting (sucker rod pumping and dynamometer charts analysis).
- Selective perforating jobs with wireline.
- Production logging programming and analysis (radioactive tracer and temperature logging evaluation).
- Mechanical zone isolation, bridge plugs.
- Water injection profiles improvement.
- The project comprehended mostly shallow wells, about 4000' deep.

Safety was a major concern in the above-mentioned jobs.

Studies Performed

- Squeeze Cementing
- Evaluation of Acidizing Jobs in the Northern Peruvian Jungle
- ESP Design Optimization in Block 1AB (>100 wells)

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- ESP Performance Improvement by Downhole Light Oil Injection
- Formation Damage Manual
- Drill Stem Test Manual
- Perforating Manual
- ESP Optimum Setting Depth
- Statistical Analysis of Broken Shafts in ESP's