Laboratory Technician Resume

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NAME: **Marin**

BIRTH DATE:December, 1968, **47 years, Male**

NATIONALITY: Romanian

LANGUAGE ABILITIES: English, Romanian

HOME AIRPORT: Bucharest

# EDUCATION

1990 Industrial High School – Mechanical

1987 Technical School for petrochemical operation - Petrochemical Operator

# WORK EXPERIENCE

***2014- Present*Weatherford International - ROMANIA – CHEMIST**

Supervising the chemicals treatments for water shutoff, sand control, in situ-acidizing operation by acid precursor and enzyme products. Ensure that all treatments fluids are pumped under fracturing pressure. Performing Lab test for polymer to find the best concentration used for water shutoff on well condition (under pressure, temperature,) using Anton Paar MCR 102 Rheometer instrument [High temperature and high pressure- pressurized cell], Perform basic Lab test for water by Hach DR 2800, for crude oil -kinematic viscosity by Herzog instrument, BS&W, pour point, Oil in Water.

***July 2013-Dec2013*VividResourcing, Ethiopia, Chemist**

Performing waste water lab test on drilling dewatering: pH, Chloride, spectrophotometer test by Hach DR 2800 instrument: manganese, cooper, iron and sulfate.

***Feb 2013-June 2013*Dietsmann Technologies,contractor for DPOC South Sudan, Laboratory Technician**

Train the Lab Technicians of Dar Petroleum Operating Company in South Sudan.

Perform practical tests for crude oil and water spectrophotometer testsby Hach 4000 spectrophotometer, safety and good laboratory practice for oil gas. Example of ASTM tests: pH, density by hydrometer and by digital instrument, BS&W, pour point, sulfur by x-Ray, water cut by distillation, kinematic viscosity, dynamic viscosity by Anton Paar instrument and Broockfield DV III Ultra instrument, chlorides in water, Oil in water, total iron.

***2012-Jan2013*Waha Oil – Libya, Crude oil Terminal,LABORATORY TECHNICIAN**

Performing ASTM tests for crude oil, NGL, lubricants oil and some spectrophotometer water tests: API gravity, salt in crude oil, sulfur in crude oil by X-ray,BS&W, kinematic viscosity by Herzog instrument,pour point, flash point, color, automatic distillations, GC for gases, pH, conductivity, TDS, iron by Hach 2000 spectrophotometer, sulphate, chloride. Record the results and prepare the Lab Reports.

***2011- 2012* GASCO–Habshan gas plant, Abu Dhabi–LABORATORY TECHNICIAN**

Performing ASTM for LNG, (NGL, sour, sweet and sale gases),hydrocarbon condensate, water boiler, lubricants oil, glycol and amine:GC (TCD, FYD), Density, RVP, flash point, kinematic viscosity by ISL instrument,automatic distillations by ISL instrument,water cut by Karl Fisher, pH, conductivity, iron by Hach 2000 spectrophotometer, sulfate, sulfite, chloride, chlorine, dissolved oxygen, H2S and mercaptan content in amine& hydrocarbon condensate, concentration and degradation of amine, recording the results in laboratory information management system LIMS.

***2007-2011*Weatherford International - ROMANIA - CHEMIST**

Evaluation of chemical performance, prepare detailed reports for internal or external client.

Supervising the operations for sand control using Sand-Aid product, water shutoff following company procedure, supervising the trials, chemicals treatments, corrosion, paraffin, foamer agents, demulsifiers, adjust the dosage of chemical if is necessary, record the data and prepare reports.Performing lab test for, crude oil, formation water, emulsion, sludge and surfactants: Density,kinematic and dynamic viscosity, water cut by distillation method, BS&W, chloride, Total iron by Hach 2800 spectrophotometer, pH, paraffin cut, Wax Deposition - Cold Finger, sand content, flask test, bottle test,foam test for a proper recommendation of gas well,blend the surfactants foamers, glycol, and deionised water following the previous lab tests.

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***2005-2007*Rompetrol Quality Control- Vega Refinery, Ploiesti, Romania-LAB CHEMIST**

Supervising the activity of lab technicians, elaborate lab reports, check and validate the lab results of lab technicians.

Performing ASTM testsunder ISO 17025 for crude oil, lubricants, light solvents, hexane, naphtha, kerosene, diesel, bitumen: density, coulour, viscozity, flash-point, distillations, ductility, ring and ball,Fraas, freezing point, pour point, water content by distillation, BS&W.Recording the analyses results in LIMS.

***1989-2004*AstraRomana Refinery- Ploiesti, Romania- LAB TECHNICIAN**

Responsible with quality of crude oil, perform compositional analyses for crude oil using atmospheric and vacuum distillation.

Prepare and elaborate lab test reports, check and validate the lab results.

Performing ASTM tests under ISO 9001 for crude oil, kerosene, diesel, light and heavy fuels, engine and gearbox oil, hydraulic oil, transformer oil, turbine oil and bitumen: Density, color, kinematic viscozity, flash-point, distillations, vacuum distillations, pour point, water content by distillation, BS&W, Caloric power,ductility,Fraas, ring and ball, dielectric rigidity, dielectric dissipation factory.

# SKILLS AND ACTIVITIES

Microsoft Word, Excel, Power Point – Delos Consulting, Ploiesti, Romania 2003

Autoclave elastomer testing for Progressing Cavity Pumps HTHP - Weatherford, Romania

Waste water treatment and Waste oil demulsification training- Weatherford, Newburg, Indiana,USA

Foam and corrosion training – Weatherford, Elmendorf, Texas, USA

Gas wells dewatering training – Longview, Texas, USA.

Defensive car driving training – Bucharest, Romania.