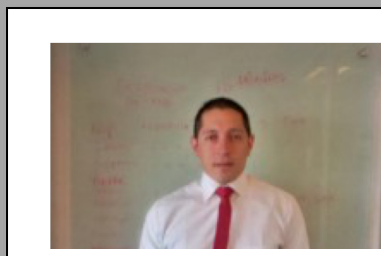


# Jorge Andres Salazar

Petroleum Engineer with 16 years in the O&G industry, international expertise in onshore & offshore operations as Drilling\Optimisation Engineer, DD Field Specialist & Operations Manager. Well versed in short radius, ERD, Minimum Stress Direction (trans-slip regime), multilateral wells (quad and penta).



## Contact Information

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## Skills & Achievements

- On Site Supervision
- Workflow Well Planning
- Drilling Programs
- Downhole Motors & RSS Operations
- Anti-Collision Analysis
- Torque & Drag Analysis
- Vibrations & Hydraulics Modelling
- Drill String Designs
- Drilling Software: Open Wells, JAM,5D, OS, WinServe, DEPRO, QV, CORE, K1.
- 36 months with Zero NPT in Geosteered sections drilled with RSS. 2016 - 2018.
- Sustained growth of the DS EBITDA in Bahrain during Q1 & Q2 2017 - Bahrain.
- First successful well drilled by WFT in Minimum Horizontal Stress Direction – KSA.
- Head and forerunner of the first Weatherford's Real Time Optimization Center in the Eastern Hemisphere.
- First Motorized RSS+Quad Combo – KSA.
- EBIT and FOPD increase over the last 6 years in Bahrain.
- Excellence Award – ENI – Best Contractor's Performance in M'Boundi Field, Congo.
- First successful well drilled by Weatherford in Congo, saving the client 5 days of actual rig time.
- First successful well drilled by Weatherford with Rotary Steerable System in Congo.
- First successful Gyro While Drilling implementation with Weatherford in SSA for a high-risk anti-collision scenario.
- First horizontal well drilled by WFT in Perú.
- First off-shore well drilled by Weatherford in Perú.
- First successful well drilled by Weatherford with Rotary Steerable System in Perú.
- Drilling optimization program in Cubiro and Arrendajo Fields in Colombia, saving up to 3 days against the best benchmark.
- Directional drilling coordinator for "La Hocha" Project, High challenging Geosteering project in Colombia.

## Experience

### Weatherford International

Bahrain

Saudi Arabia

Colombia

2013 - Present

#### ● Country Manager

Plan, Design and Monitor the drilling performance. Reduce drilling time & costs, design and promote better understanding of BHA behavior and characteristics. Analyze NPT and provide solution for improvements. Monitoring the daily progress of well operations. Undertaking engineering design and the planning of wells. Design and follow up KPIs. Manage lessons learned from different operation teams. Develop and implement plan to have all relevant wells with a high quality and complete data. Extract data for benchmarking. Actively participate and contribute to monthly drilling performance reviews. Evaluate rig operations against targets and performance database management and optimize accordingly.

### Weatherford International

Congo

Gabon

Argentina

Mexico

Brazil

Peru

Ecuador

Venezuela

Colombia

2005 – 2013

#### ● Directional Drilling Coordinator - Directional Driller Field Specialist.

Monitor the drilling process to ensure that the operation is carried out in the right direction and that the objectives and targets set by the client are met. Participate in well paths, BHA and drill strings designs for horizontal and deviated wells. Manage personnel and assets. Monitor hole conditions and downhole equipment. Prepare tools and equipment prior to pick up BHA. Performed calculations to ensure the optimal equilibrium between ROP and directional control. Prepare detailed strap and fishing diagram for downhole tools. Grade bit and confirm grading with Bit-Man. Discuss work permit, JHA and potential hazards with crew members and client. Training and on location instruction to local engineers in the correct running procedures of rotary steerable tools. Liaise with the customer to ensure that all of the requirements are met with cost-effective balance.

### Ecopetrol S.A

Colombia

2003 - 2005

#### ● Company Man Assistant.

Elaborate and QC of Open well/DIMS reports on completeness and quality; feedback to rig site. Actively support full implementation of Open Well. Provide realistic cost estimates (AFE), forecasts (proposals). Perform KPI evaluation for contractors and renewal of old contracts for different drilling services provider. Liaise with contractors and coordinate logistics and operations. Discuss HSE matters during morning calls with assigned rigs.

## Education

### Universidad Nacional de

Colombia

Medellin – Colombia

B.Sc. Petroleum Engineering

5 Years Program

## Training

Drilling Hazards Mitigation (DHM) - KSA

BOSIET (HUET) - KSA

H2S Operations - KSA

Extended Reach Drilling (ERD) - UK

Well Control - Colombia

Drillstring Design – Colombia

Stuckpipe – Colombia

M7 (H2S) - Congo

BOSIET (HUET & EBS) - United Kingdom

HDD State of Art - United Kingdom

Drilling Geomechanics - Colombia

Well Design - Colombia

New Scopes in ERD - United Kingdom

Drill Bit Foundation - Colombia,

Revolution Rotary Steerable System - USA

Drilling Mechanics & Advanced Technology - Colombia

Advanced Directional Drilling - USA

Drill String – Colombia

Well Control - Colombia