

## WENDY GRANT

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### ENGINEER

Highly motivated and organized professional who demonstrates a high level of technical skill along with an understanding of field level challenges and motivations. Consistently strive to find an efficient and repeatable solution to challenging tasks. Quick to learn new systems and can be relied upon to train and supervise people from various backgrounds. Skills Include:

- Full-stack web development
- Engineering
- Strategic planning
- Project Management
- Client relations
- Strategic planning

### EXPERIENCE

**M-I SWACO, A SCHLUMBERGER COMPANY**, Gulf of Mexico

January 2019 - June 2020

#### MPD Field Engineer II

Delivered Managed Pressure Drilling operations and support for Shell Offshore Inc., including project design, planning equipment placement and functional P&ID, collaborated on tender preparation, job mobilization, rig up/down, equipment testing, running MPD and RCD equipment packages, troubleshooting chokes and manifolds, training drilling crew, and project execution using a solution-based approach to ensure wells are completed safely, on time, and on budget.

- Designed onsite MPD equipment placement, accumulator and manifold setup, appropriate surface systems, and evolution planning for the most efficient, time effective operations.
- Acted as intermediary between customers, rig contractors, service providers, sales, and onshore operations to meet well design requirements in order to maximize well production.
- Ensured the most efficient, and time effective drilling operations by performing calculations to determine optimal drilling fluids, applied pressure requirements, MPD equipment placement, drilling parameters, accumulator and manifold setup, surface system needs, and evolution planning.
- Assesed complex offshore drilling conditions and provided unique strategies for mitigating the specific challenges of high-risk geozones using hydraulic simulations and data analysis.
- Consistently generated and delivered post drilling analysis within complex wells/projects and Lessons Learned reports ahead of schedule.
- Analyzed drilling reports to recognize and address obstacles in order to optimize future MPD projects.

**Schlumberger**, Houston, TX

June 2016 — September 2018

#### Drilling and Measurements – High Volume MWD Field Engineer

Provided high-quality real time and recorded survey data to clients and directional drillers to ensure drill plan is safely executed with maximum efficiency; highly focused on problem resolution and strategic mitigation of unforeseen deviations from the drill plan, which resulted in breaking 6 of ConocoPhillips's drilling records in the Williston Basin.

- Lead MWD on multiple pulser tools, managing on-site rigging up/down, programming, operating and demodulation troubleshooting, resulting in 258 single tool runs since December 2016.

- Real time data processing and analysis for formation evaluation, directional steering, anti-collision regulations and lost revenue to the client and Schlumberger.
- Maintained effective and efficient communication with on-site and off-site client representatives, directional drillers and internal project managers at all times to provide the highest service quality.
- Decreased NPT by 45% by streamlining on site logistics coordination for MWD and DD tools
- Delivered detailed End of Run and End of Well client deliverables 73% faster than the district average.
- Promoted to Lead MWD in first 6 months, 50% faster than the typical breakout period; drilled 7 basins in 8 states in first 12 months, with zero HSE incidents.

**TRACERCO, Pasadena, TX**

June 2014 – August 2014

### **Reservoir Technologist Intern**

Developed and implemented a standardized process for model-based interpretation of tracer concentration. The quantitative results were used to generate flow profiles and interwell communication reports for oil and natural gas exploration and production companies, such as Marathon, Shell, ConocoPhillips, British Petroleum and Occidental. The new procedure expedited report delivery time by 75% and ~20% increase in revenue.

- Processed and analyzed data to detect the concentration and interpret the behavior of unique tracers in order to generate a detailed flow profile for single and multi-well projects.
- Created and reviewed diagnostic reports including comparative stage production, tracer and oil production rates, and interwell communication for single and multi-well projects.
- Facilitated and led the training of reservoir technologists on the new procedures and flow profile analysis.

### **EDUCATION**

<b>Bachelor of Science, Petroleum Engineering,</b>	University of Houston, Houston, TX	2016
<b>Coding Boot Camp Certification,</b>	University of Texas, Austin, TX	Present

### **APPLICATIONS**

- |                      |                               |
|----------------------|-------------------------------|
| • Visual Studio Code | • Drill Bench Blowout Control |
| • AutoCAD            | • Rigsite Kick                |
| • GIS                | • WellSketch                  |
| • Virtual Hydraulics | • GIS                         |

### **CERTIFICATIONS**

- Well Control – Supervisor, Surface/Subsea
- Well Control – Supervisor, Workover Completions
- THUET
- Specialized Wellbore Cleanup Tools
- Advanced Hydraulic Simulation
- Managed Pressure Virtual Hydraulics
- MPD and PMCD Deepwater Operations
- MPD Flow Loop Operations
- Advanced Single Phase MPD