

# IBIENE CATHERINE OBUOFORIBO

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## PROFESSIONAL SUMMARY

Hard working, detail-oriented and enthusiastic Petroleum engineering graduate seeking to obtain an entry-level Engineering position with Halliburton. I am excited for this position, as it will enable me to utilize my recently acquired skills to achieve the goals of the company while providing exciting new challenges and learning experiences.

## EDUCATION

**Bachelor of Applied Science (Internship) - Petroleum Systems Engineering Major** 2009-2014  
University of Regina, Regina SK

## Scholarships & Awards

Rivers State Sustainable Development Agency Scholarship 2009 – 2014  
Academic Silver Scholarship 2010

## Certifications

Workplace Hazardous Materials Information System (WHMIS)  
Class 5 Driver's License

*Relevant courses include: Petroleum Production Operations, Drilling Engineering, Petroleum Treating Operations, Heavy Oil Recovery, Enhanced Oil Recovery, Well Testing, Applied Reservoir Engineering, Evaluation of Oil & Gas Properties, Reservoir Modeling, Engineering Law & Professionalism*

## RELATED EXPERIENCE

**Exploitation Engineering Intern**  
**Sinopec Canada, Calgary, AB**

**Sept. 2012 – Aug. 2013**

Worked with both reservoir and asset teams

With the reservoir team,

- Performed decline analyses on over 100 wells in the Carrot Creek area to estimate ultimate recovery, and assign a performance rating
- Analyzed wells to investigate the effect of sand tonnage and other factors on the performance of hydraulically fractured wells
- Final project for the team was determining optimum well spacing per section for tight gas wells. The scope of this project covered reservoir modeling, history matching and forecasting and economic evaluations. It was well received by both team and management

With the asset team,

- Monitored industry activity including well licenses, new drills and pipeline approvals in the Pembina area, and presented information in weekly team meetings

- Monitored performance of company's new wells, in terms of completion fluid recovery
- Mapped company assets, development plans and facilities using Geoscout and Accumap
- Conducted economic analyses and sensitivities for property acquisitions
- Assisted with presentation building and delivery, well licensing, and other applications to the board
- Assessed team wells to ensure zero production from buffer zones

## **RELATED SKILLS**

### **Research & Projects**

- Final year project was to estimate the initial gas-in-place and recovery factor for the Montney 'B' Pool using analytical methods and reservoir simulation, as well as propose infill locations to maximize recovery. Economic analysis was also done to justify the profitability of the proposed infill locations. This project was well received by professors, colleagues and Sinopec Canada
- Research papers on various enhanced and thermal recovery processes such as hydrocarbon injection, hot water flooding, effect of geomechanics on SAGD and CSS, Fast SAGD, Cyclic Steam Stimulation, among others
- Petroleum reserves evaluation case study project for the Heward Frobisher-Alida in Saskatchewan. Scope included analysis of cash flow information to assess a price differential to an appropriate benchmark, assessing fixed and variable operating costs, as well as evaluating the economic and technical merit of any potential upsides
- 2<sup>nd</sup> year team business research project on the relationship between job satisfaction (among teachers) and different variables such as age, job tenure, psychological harassment among others. The result was well received by the professor and colleagues

### **Computer**

- Microsoft Office Suite: Excel, Word, PowerPoint, Outlook
- Industry Economic Analysis Software: MOSAIC, Value Navigator
- Mapping Software: Geoscout, Accumap
- Simulation Software: CMG IMEX, STARS, WINPROP

### **General Transferable Skills**

- Disciplined, self-motivated, enthusiastic and quick learner
- Work effectively within teams demonstrated in excellence in various team projects (at the University) and at the workplace
- Capable of working independently with minimal supervision

- Confident public speaker to groups of 12 and more people
- Created outstanding project reports, research papers, and presentations for both at the academic and industry level
- Excellent project and time management skills. Worked with two teams (and had different duties) during my internship and met every deadline

## **ADDITIONAL EXPERIENCE**

### **Direct Support Worker**

**Clare Parker Homes, Regina, SK**

**Jun. – Aug. 2012**

- Administered medication and meals to residents with special needs
- Performed various household duties
- Maintained a safe and positive environment for residents

### **Resident Assistant**

**University of Regina Residence Services, Regina, SK**

**Sept. 2011 – Apr. 2012**

- Assisted residents with resolving various concerns after office hours. Ex: lock outs
- Collaborated with part of a team in organizing activities for residents
- Enforced residence rules as necessary
- Served on the Volunteer Committee to raise funds for different charities

## **MEMBERSHIPS, VOLUNTEER SERVICE AND INTERESTS**

### **Memberships**

- Society of Petroleum Engineers (SPE) – Student Associate
- African Students' Union (ASU)
- Rivers State Scholars Association (RSSA)

### **Volunteer Service**

- Feed the Hungry (Winter, 2013)
- Canada Day (Summer 2010, 2011)
- Sepak Takraw – Kick Volleyball (Summer 2010, 2011)
- UR Residence Summer Barbeque (Summer 2010)
- Faculty of Engineering Project Day (Winter 2010)
- SK Abilities Center (January 2010)

### **Interests**

Reading, music, history

References available upon request