

## **Derek J. Zander**

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Keitu Engineers & Consultants, Inc.

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### **WORK**

#### ***Engineering Intern***

*May 2008 – present*

**EXPERIENCE:** Keitu Engineers & Consultants, Inc., Mandan, ND

Provide mechanical and environmental engineering technical support for commercial and industrial clients. Conduct research on ground penetrating radar units for use in finding buried utility lines. Use underground utilities locator to locate underground pipes and electrical wiring. Responsible for field support duties for oil pipeline markings of 32 oil production facilities in western North Dakota and eastern Montana. Assist in evaluating alternative pipe routing for crude pipelines. Conduct site visits and prepare oil spill prevention control and countermeasure (SPCC) plans for review by engineering staff. Provide GPS/GIS technical support including field data collecting and mapping. Assist in deployment of absorbent booms for spill containment at a spill site. Sample oil production mud pit. Use SCBA while obtaining hydrogen sulfide concentrations on top of tanks with Dragger tubes and a combined 4 gas analyzer and prepare reports for clients. Install various warning and notice signs at oil production facilities as well as windsocks. Prepare soil samples from manual and direct push equipment for transport to and analysis by contract laboratory. Develop data for corporate asset records including photo documentation. Review National Fire Protection Association codes for compliance activities at client sites. Evaluate air emissions using API and EPA developed models and prepare oil field well registration forms for client use. Provide support services to field survey teams. Use of ATV and UTV for field studies and pipeline markings. Prepare facility diagrams for commercial, industrial, and retail facilities. Conduct gap analysis on OSHA required signage at oil production facilities. Perform tank shell thickness testing using an ultrasonic thickness meter and prepare reports for clients. Perform due diligence studies for client purchase of multiple well sites.

#### ***Store Person In Charge***

*August 2008 – August 2009*

Dan's Supermarket – Mandan, ND

Responsible for all store operations, employees, and customers. Assign duties and examine work for exactness, neatness, and conformance to policies and procedures. Assure store is safe and secure. Respond to telephone calls including inquiries and complaints. Know all emergency procedures for safety of the store. Ensure customers are happy and satisfied when they leave the store.

#### ***Customer Service Leader***

*August 2005 – May 2008*

Dan's Supermarket – Mandan, ND

Responsible for front-end operations and promoting a high degree of customer service and satisfaction through knowledge of products and cashier procedures and programs. Record the sale of each item and process voids and refunds through the use of a scanning system in an accurate and timely manner. Maintain control of cash drawer at all times. Answer telephone calls, respond to complaints, process merchandise returns, and correct errors. Assign duties and examine work for exactness, neatness, and conformance to policies and procedures. Assist with store cleaning functions. Register and insure mail and compute mailing costs of letters and parcels. Answer questions pertaining to mail regulations and procedures. Fill and stock product to shelves in many departments.

#### ***Intern***

*June 2005 – July 2005*

Sundog Interactive – Fargo, ND

Provide assistance where needed, perform fault testing on software programs developed and maintained by the company, put together office desks, and research specific items by request.

***Dishwasher/Host***

*March 2004 – May 2005*

Fried's Family Restaurant – Mandan, ND

Wash dishes, bus tables, operate the cash register, clean dishwashing station to health code standards, and help where needed.

**EDUCATION:** *Bachelor of Geological Engineering*  
University of North Dakota; Grand Forks, ND Expected December 2011

*Associate of Science – Emphasis Engineering*  
Bismarck State College; Bismarck, ND May 2009

*High School Diploma*  
Mandan Sr. High School; Mandan, ND May 2007

**ADDITIONAL TRAINING:**

**MSHA/OSHA Hydrogen Sulfide Awareness Training**  
• Keitu Engineers & Consultants, Inc.

**Respiratory Protection Training including SCBA use**  
• Keitu Engineers & Consultants, Inc.

**Hazardous Material Transportation - Cylinders**  
• Keitu Engineers & Consultants, Inc.

**Hazardous Materials Transportation – Materials of Trade**  
• Keitu Engineers & Consultants, Inc.

**SPCC Plan Development for Oil Production Facilities**  
• Keitu Engineers & Consultants, Inc.

**SPCC Plan Development for Oil Distribution Facilities**  
• Keitu Engineers & Consultants, Inc.

**RAE MiniRAE2000 PID User and Calibration Training**  
• Keitu Engineers & Consultants, Inc.

**Proper Fire Extinguisher use**  
• Keitu Engineers & Consultants, Inc.

**First Aid**  
• Burleigh-Morton Red Cross

**Infant, Child, and Adult CPR**  
• Burleigh-Morton Red Cross

**Retail Robbery and Gun Recognition Training**  
• Dan's Supermarket/Bismarck Police Department

**Retail Regulatory Laws and Employees Protection Laws**  
• Dan's Supermarket/Consultant

**INTEREST AND ACTIVITIES:**

Camping, Hiking, Traveling,  
Bowling, Photography, Electrical Wiring