

JEFF MELLING

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PROFILE

- Registered Mechanical Engineer-in-Training (EIT) with experience in pipeline design, as-builts, drilling, completions, and field operations
- Registered with APEGA
- Contributes to optimizing the completion of unconventional oil wells in Bakken, Torquay and Viking plays
- Identifies opportunities to reduce cost through data analysis
- Contributes to managing deliverables, timelines, related budgets, testing, and issue resolution to ensure solutions are effectively implemented

SKILLS & TECHNOLOGIES

- AutoCAD, C++, MatLab, Solidworks, Accumap, Generwell, Spotfire, Verdazo, Microsoft Office Word, Excel, PowerPoint, Google Earth
- Excellent oral and written communication skills
- Manages and prioritizes diverse tasks
- Works to meet deadlines and time constraints
- Able to quickly adapt to changes and work in a fast-paced environment
- Collaboration with others to achieve team objectives
- Ability to interpret technical standards and project procedures
- Maintains peer relationships
- Action oriented and problem-solver

EDUCATION

Fall 2017

**Bachelor of Science in Mechanical Engineering
(Specialization in Biomedical Engineering)**
Schulich School of Engineering, University of Calgary

WORK EXPERIENCE

Obsidian Engineering

November 2018-Present

Mechanical Engineer, EIT

- As-Built P&IDs with supporting documentation
- Pipeline engineering design and procurement
- Weekly client meeting to discuss progress and scope changes
- Riser, Camelback and Tie-in design
- Prioritize and work on multiple projects with various teams

And Area Engineering

August 2018-November 2018

Junior Designer Consultant

- Remote work with lead engineer 7 days a week
- Oral and written communication to achieve client deadlines
- Sketch P&IDs in AutoCad Plant 3D
- 3D sketches of plant equipment
- Decipher client requests

Independent

August 2018-November 2018

Respite Worker

- Communication with family regarding respite needs
- Coordination and planning of activities
- Mentoring and positive role model
- Participate in activities with client

Crescent Point Energy Corp.

May 2015-August 2016

Drilling and Completions Engineering Intern

- Field analysis of well performance
- Well recompletion analysis
- Optimization of well completion techniques
- Preparation of stimulation plans, and well shut in documentation
- Optimization of rig moves and shut ins

Northern Blizzard Resources Inc., Cuthbert Field

May-August 2013, 2014

Field Operator

- Record daily production for heavy oil and gas wells
- Optimize field wells to increase production of heavy oil battery
- Troubleshoot broken wells and ensure necessary services scheduled
- Followed company and government regulations to ensure a safe work environment
- Operated and maintained a company vehicle
- Courses taken for safety tickets: H2S Alive, Basic First Aid, Quad Training, Defensive Driving, WHMIS certification, Transportation of Dangerous Goods

VOLUNTEER EXPERIENCE

Autism Asperger's Friendship Society, Calgary, Alberta
Volunteer Climbing Assistant

April 2018 – June 2018

Peter Lougheed Hospital, Calgary, Alberta
Volunteer Resources Assistant

September 2010 – June 2012

HOBBIES

- Bouldering
- Ultimate
- Hiking
- Water Sports
- Fitness / Exercise
- Snowboarding
- Cooking
- Travel

REFERENCES AVAILABLE UPON REQUEST