

ALEX MCSHERIDAN

CONTACT

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EDUCATION

UNIVERSITY OF OKLAHOMA

Master of Petroleum Engineering

January 2023-December 2024

GPA: 3.79

WASHINGTON STATE UNIVERSITY

Bachelor of Science, Mechanical Engineering

August 2010-May 2014

GPA: 3.30

BJ ENERGY SERVICES

Tactical Leadership Course

December 2017

Fracturing Technology 1

April 2018

HALLIBURTON

Technical Training Program

March 2015

Cased Hole Engineer Training Course

August-October 2015

SKILLS

→ Microsoft 365

→ JobMaster

→ Orion

→ Python

→ ComboCurve

→ Aries

→ Enverus

CERTIFICATIONS

CDL CLASS A

2019 - Present

CASED HOLE ENGINEER

2016 - Present

WORK EXPERIENCE

RESERVOIR ENGINEER INTERN

May 2024-Aug. 2024

ExxonMobil

- Researched the viability of refracs in the Haynesville and Bossier shales.
- Utilized Enverus to gather data on competitor refrac wells to quantify potential uplift that is possible for refracs on ExxonMobil wells.
- Used ComboCurve to forecast wells to assist in quantifying uplift.
- Composed a list of best wells to refrac based on criteria to achieve highest level of returns.
- Ran economics with Aries to assess economic viability of refrac'ing ExxonMobil wells in Haynesville Basin.
- Collaborated with various teams to develop best recompletion design given legacy well constraints using a modern completion design: liner sizes, max rate, clusters per stage, etc.
- Ultimately influenced lease retention decisions for ExxonMobil in the Haynesville Basin.

ENERGY COORDINATOR

Jan. 2024-Present

Pawnee Nation Housing Authority

- Assist in the coordination and oversight of projects.
- Collaborate to identify and allocate resources required for projects.
- Established & maintain effective communication channels with project partners, including OU, tribal entities, and vendors.
- Work with institutional partners to collect, analyze, and report data throughout project.
- Organize and facilitate educational meetings and workshops within the community.
- Develop and implement job training programs and certification courses for tribal members.
- Oversee deployment of environmental sensors to collect data.

WIRESLINE ENGINEER

Nov. 2022-Aug. 2023

Caliber Completion Services

- Took a crew that had never worked together before and effectively led them on an extremely fast paced job with difficult customers with zero NPT, miss-runs, or complaints.
- Clearly communicated with customers regarding our problems, solutions and what was required to complete the job safely.

COMPLETIONS CONSULTANT

June 2021-Oct. 2022

Mewbourne Oil Company

- Oversaw safety on location, correcting incorrect safety behaviors and enforcing proper safety procedures.
- Ensured tickets were correctly written and had correct charges on them, disputed amounts and saved the client thousands in mischarges.
- Managed/supervised entire well-site on coil tubing/workover drillout using recirculated fluid, pumped comingled fluid through tubing, and occasionally pumped nitrogen down backside using a velocity string.
- Oversaw toe preps utilizing wireline and coil tubing services, TCP, shifting sleeves and a variety of mills and bits.
- Handled well control situations safely and effectively using BOPs, TIW valves, kill fluid, well control plugs, and kill plugs.
- Set tubing spools and frac valves, ensuring proper orientation of valves and pressure tests on seals.
- Coordinated information between location, office staff, and various vendors to ensure the job was safely completed on time and within budget constraints.
- Collaborated with engineers, on site personnel, and co-workers to create a solution to each problem either on location or downhole. Then implemented in a safe manner and proceeded with job schedule.

ALEX MCSHERIDAN

WORK EXPERIENCE

COIL OPERATOR

May 2018-March 2020

C&J Energy Services

- Operated coil, nitrogen pump, fluid pump, and reel in a safe and efficient manner.
- Assisted in rig up and rig down of equipment and tools according to company standards.
- Trained new operators on how to rig up/down, run equipment, and service equipment.
- Familiarized with various calculations and formulas along with fishing, TCP, and drillout toolstrings.

FRAC ENGINEER

April 2017-May 2018

BJ Energy Services

- Mentored engineers, fluid technician and equipment operators to develop them into quality contributors for the team and to strive to out-perform expectations.
- Created and compiled reports and field tickets based on what events happened and which chemicals and proppants were used throughout the job, noting any variations from procedure.
- Communicated clearly with client representative conveying all information about how the hydraulic fracturing job was proceeding i.e. quality of fluid being used and any issues we had.
- Managed logistics chain to maintain proper amount of chemicals to complete job to procedure.

WIRESLINE ENGINEER

Jan. 2015-March 2017

Halliburton

- Sole supervisor for all wiresline operations on location.
- Responsible for preparing equipment and supplies, rig-up, performing jobs according to the design of service, and coordinating with other crews and companies to complete the job safely and efficiently.
- Suggested course of action to client representative based on experience, knowledge, and company policies when unexpected events occurred.
- Performed pumpdowns (plug and perforation) on wells with severe dog-legs, steep inclines, extended laterals, and zipper fracs.

WIRESLINE OPERATOR

July 2014-Dec. 2014

High Plains, Inc.

- Worked off workover rigs, coil units, and drilling rigs using a variety of pressure control systems.
- Created solutions to onsite challenges using available equipment and team members by minimizing cost and meeting job deadlines.
- Gained experience in logging (bond log, flow rate, temperature tools, caliper tools, gamma-ray), perforating (injection wells, tubing punches, TCP), and mechanical services (setting plugs and packers, fishing).