

Ross Michael Apodaca

Geologist

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720-298-4508 • Thornton, CO

Qualifications Summary

Skilled geologist with proven experience helping companies optimize their drilling operations. Adept at analyzing data, modeling, and exploration in the discovery and efficient extraction of natural resources. Experienced in interpreting geophysical information in project reports, conducting field studies, recommending drilling strategies, and creating post-project reports. Up to date on current developments in constructing, calibrating, and evaluating basin model results. An enthusiast of advanced technology with great attention to detail, tremendous determination, an upbeat and friendly attitude, and a proven team player with outstanding leadership qualities.

Career Experience

Earth Science Agency, Frederick, CO

03/2017 to 04/2020

Operations Geologist (11/2018 to 04/2020)

Responsible for planning horizontal wells based on geological spatial mapping data, including managing numerous field geologists during drilling operations. Maximize client in zone percentage by monitoring live drilling operations, reporting evaluations, and making adjustments to the drill path. Write predrilling and final reports for numerous clients. Ensure accuracy of live field reports for several drilling operations.

- Created a geological basin map using past data from wells drilled across Colorado.
- Tested samples from the field using X-Ray Fluorescence Spectroscopy and interpreted the chemical data produced.

Wellsite Geologist (03/2017 to 11/2018)

Adjusted well paths based on samples collected, observations of live gamma data, and drilling properties. Inspected, analyzed, and recorded samples by using microscopes, ultraviolet light, and other laboratory equipment and field tests, to define the nature of the formations encountered and determine the presence of oil or gas. Installed and maintained gas chromatographs, pump-stroke counters, and other measurement devices to ensure safe operation on site. Trained new hires.

- Awarded Employee of the Month on four separate occasions.

Pat-Cin Enterprises Inc., Denver, CO

02/2015 to 03/2017

Quality Control Manager

Inspected computer board products for defects or deviations from the computer board quality control standards.

Continued...

- Programmed an Automated Observation Inspection machine for use with hundreds of computer board designs. Trained other employees and new hires on how to use the automated observation machine. Recommended efficient solutions for all computer board errors or defects detected.

Horizon Well Logging LLC, Tulsa, OK

09/2013 to 02/2015

Geosteering Geologist (10/2014 to 02/2015)

Guided steering for multiple oil and gas clients across numerous U.S. basins. Gathered and recorded gas, gamma, and other drilling data for final total depth reports customized per customer requests.

Logging Geologist II (09/2013 to 10/2014)

Adjusted the drilling path based on samples that have been circulated through oil well boreholes during drilling operations. Collected, described and recorded samples into an official mud log report.

RPM Consulting Inc., Denver, CO

05/2012 to 08/2012

Wellsite Geologist

Summer internship as a field petroleum geologist located in North Dakota and Montana.

Education

B.A. of Geology

University of Colorado, Boulder, CO. 2013

Certifications

Microsoft Excel: Advanced Formulas & Functions, 05/2020

Microsoft Excel: Data Visualization with Excel Charts & Graphs, 05/2020

Microsoft Excel: Data Analysis with Excel Pivot Tables, 05/2020

Technical Skills

StarSteer, Petra, SES, Petrel, Wellsite, XTALDRAW, XPOW, ArcGIS, Microsoft Office

Volunteerism & Activities

The Denver Homeless Shelter, 2006 – Present

Initiated the Brown Paper Bag Movement, Denver Chapter, 2016 – Present

Chosen for *Who's Who of High School Students* Award, 2007 and 2008

Participated in the Civil Air Patrol, 2001 – 2007