

Anna Fischer

Reservoir Geologist – Petro Geo Consult

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PROFESSIONAL SUMMARY

Reservoir geologist with 9 years of reservoir characterisation, static model building, and production geology experience. Integrates core data, petrophysical logs, and 3D seismic into geomodel frameworks using Petrel, providing a robust subsurface picture that underpins well spacing, completion design, and reserve estimation. Previously with an IOC's North American unconventionals team. M.S. Petroleum Engineering, Colorado School of Mines.

PROFESSIONAL EXPERIENCE

Reservoir Geologist 2020 – Present

Petro Geo Consult · Englewood, CO

- Build static geomodels in Petrel integrating core, petrophysics, and 3D seismic for Permian Basin and DJ Basin clients.
- Conduct facies modelling, property population, and upscaling to feed reservoir simulation models.
- Support completion design optimisation by providing reservoir quality maps and net pay volumes to completion engineers.
- Deliver reserve estimation products (1P/2P/3P) compliant with SEC and SPE-PRMS standards.

Reservoir Geologist 2015 – 2020

BP America (Unconventionals) · Houston, TX

- Managed reservoir characterisation activities for Lower 48 unconventional assets (Eagle Ford, Haynesville, Niobrara).
- Built multiple-realisation static models in Petrel for well spacing studies and infill drilling optimisation.
- Led core description and core-to-log integration programmes; calibrated petrophysical models to thin-section and MICP data.
- Co-authored Eagle Ford reservoir quality study that informed 3-year drilling programme capital allocation.

Junior Geologist 2015 – 2016

Resolute Energy · Denver, CO

- Provided formation evaluation and geological support for Delaware Basin (Aneth Field) horizontal well programme.

EDUCATION

M.S. Petroleum Engineering 2013 – 2015

Colorado School of Mines · Golden, CO

Thesis: Integrated reservoir characterisation and static model building for unconventional carbonate reservoirs, Permian Basin.

B.S. Geological Engineering 2009 – 2013

Colorado School of Mines · Golden, CO

Graduated Cum Laude.

TECHNICAL SKILLS

Geomodelling:	Petrel (Geological Modelling, SGSIM, SIS, co-simulation), RMS (Roxar)
Petrophysics:	Techlog, Interactive Petrophysics, core-to-log integration
Seismic:	Petrel seismic interpretation, well tie, attribute analysis
Reserve Estimation:	Monte Carlo volumetrics, SEC/SPE-PRMS reporting, DCA
Basin Experience:	Permian Basin (Eagle Ford, Midland/Delaware), DJ Basin, Haynesville

PROFESSIONAL AFFILIATIONS

- American Association of Petroleum Geologists (AAPG) – Member

- Society of Petroleum Engineers (SPE) – Member
- Society for Sedimentary Geology (SEPM) – Member