

## ***Scott P. Cooper***

I was raised in the Black Hills of South Dakota and had an early career in tourism, aquaculture (specifically raising rainbow trout) and ranching. I obtained a B.Sc. in geology from the South Dakota School of Mines and Technology in 1997 with an undergraduate thesis/study of rhyolite dikes within the Homestake Gold Mine in Lead, South Dakota. Obtained a M.S. in geology from the New Mexico Institute of Mining and Technology (New Mexico Tech) with a thesis topic of “Deformation within a Basement-Cored Anticline: Teapot Dome, Wyoming”. My thesis advisor was Dr. Laurel Goodwin. Dr. John Lorenz at Sandia National Laboratories provided invaluable support throughout my graduate work and provided an opportunity to start at Sandia Labs as a student intern. I advanced to be a Senior Member of the Technical Staff and worked on a variety of projects related to outcrop and subsurface fracture studies, CO<sub>2</sub> sequestration, geothermal energy, and other resource and national security related issues.

In the summer of 2008, I took a leap of faith and left the relative safety of Sandia to start my own consulting company. Since then I have had fun working with Dr. Lorenz and industry personnel on naturally fractured reservoir systems. I have two sons, Sean and Ryan. Like most - if not all husbands, I have a wife who is significantly smarter than I am; Karen has a Ph.D. in biomedical science and toxicology and works at the University of New Mexico. I am a volunteer with the Boy Scouts of America and currently live in the mountains east of Albuquerque, New Mexico.

## ***Scott P. Cooper: Resume***

### Education

2000, M.Sc., Geology, New Mexico Institute of Mining and Technology, Advisor: Dr. Laurel Goodwin; Thesis: Deformation within a Basement-Cored Anticline: Teapot Dome, Wyoming

1997, B.Sc., Geology, 1997, South Dakota School of Mines and Technology, Graduated with Highest Honors, Advisors: Dr. Alvis Lisenbee and Dr. James Fox; Senior Thesis: Gas/Fluid Evolution and the Formation of Rhyolite Dike Associated Breccia Margins at the Homestake Gold Mine, Lead, SD

### Experience

2008-present, Cooper Geological Consulting LLC, geologic studies of fractured reservoirs

1999-2008, Senior Member of Technical Staff: Sandia National Laboratories, Geophysical Technology Department,

1997-2000, Research Assistant: New Mexico Institute of Mining and Technology,

1995, Teaching Assistant: South Dakota School of Mines and Technology, Dr. Ashworth

1993, Research Assistant: South Dakota School of Mines and Technology, Dr. Islam & Dr. Cheema, Hydrologic fluid-flow modeling of fractured carbonates

1979-1992, Manager, assistant manager and all around ranch hand, Crystal Cave Park Inc., Trout Haven and Trout Haven Ranch

### Memberships

American Association of Petroleum Geologists, Rocky Mountain Association of Geologists,  
Wyoming Geological Association

Publications

Numerous publications, natural fractures, deformation bands and reservoir characterization.

Associations

Associate with the Enhanced Oil Recovery Institute at the University of Wyoming  
(<http://eori.gg.uwyo.edu/>).

Other Interests

Boy Scouts of America, trout wrangling, long-distance trucking (CDL), ranching

Contact

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