

**Mr. Scott P. Cooper**  
**Certified Petroleum Geologist (CPG #6123)**

Scott first started working on naturally-fractured reservoir issues in 1993. In 2008, he partnered with Dr. John Lorenz forming FractureStudies LLC, a consulting company focusing on naturally fractured reservoir-characterization issues in sandstones, carbonates and shales around the world from Alaska throughout the continental USA to Brazil, North Africa and Iraq. Data from this work provided Scott and John the opportunity to co-author the “Atlas of Natural and Induced Fractures in Core” which is designed to help geologists log, characterize and recognize the relative importance of each fracture type on reservoir production.

Earlier in his career as a Senior Member of the Technical Staff at Sandia National Laboratories (a U.S. Department of Energy facility) Scott worked on numerous government and industry-supported energy-related research projects. Scott received a B.S. in geology from the South Dakota School of Mines and a M.S. in geology from the New Mexico Institute of Mining and Technology. His thesis work involved characterization and modeling of natural fractures in strata at Teapot Dome, a basement-cored anticline in central Wyoming. The database developed from that work continues to be used as a teaching tool in various industry fracture-modeling programs. Detailed descriptions and links to Scott and John’s numerous projects, published papers, open-file reports, short courses, core workshops, fieldtrips, webinars and the new Atlas are available at [www.fracturestudies.com](http://www.fracturestudies.com).

Education

- 2000, M.S., Geology, New Mexico Institute of Mining and Technology, Socorro, NM,  
Advisor: Dr. Laurel Goodwin, Thesis: Deformation within a Basement-Cored  
Anticline: Teapot Dome, Wyoming
- 1997, B.S., Geology with highest honors, South Dakota School of Mines and Technology,  
Rapid City, SD, Advisor: Dr. Alvis Lisenbee, Senior Thesis: Gas/Fluid Evolution and  
the Formation of Rhyolite Dike associated Breccia Margins at the Homestake Gold  
Mine, Lead, South Dakota

Experience

- 2008-present, Partner: FractureStudies LLC, Edgewood, NM
- 2008-present, Consultant: Cooper Geological Consulting LLC, Tijeras, NM
- 1999-2008, Senior Member of Technical Staff: Sandia National Laboratories, Albuquerque,  
New Mexico
- 1997-2000, Research Assistant: Fractured Reservoirs, New Mexico Institute of Mining and  
Technology, Dr. Teufel
- 1995, Teaching Assistant: Mining Surveying, South Dakota School of Mines and  
Technology, Dr. Ashworth
- 1993, Research Assistant: Hydrologic fluid flow modeling of fractured carbonates, Dr. Islam  
and Dr. Cheema
- 1979-1992, Manager, assistant manager and all around ranch hand: Trout Haven, Trout  
Haven Ranch and Crystal Cave Park Inc., Black Hills, SD

### Memberships

American Association of Petroleum Geologists  
Society of Petroleum Engineers  
Rocky Mountain Association of Geologists  
Albuquerque Geological Society  
Roswell Geological Society  
Wyoming Geological Association

### Publications

Numerous publications, including the book “The Atlas of Natural and Induced Fractures in Core”, on natural fractures and reservoir characterization, see accompanying publications list.

### Associations

FracGeo LLC, The Woodlands, TX  
Nautilus World, RPS Group, Houston, TX  
Subsurface Consultants & Associates LLC, Houston, TX  
Enhanced Oil Recovery Institute, University of Wyoming, Laramie and Casper, WY  
Petroleum field camp instructor, South Dakota School of Mines and Technology

### Other Interests

American Association of Petroleum Geologists Delegate, 2017-present  
Boy Scouts of America  
Trout wrangling

### Contact

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