

Andrew T. Wonderly

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Education

- M.S. Geology, with distinction, Fresno State, 2012
- B.S. in Geology, Fresno State, 2008

Skills and Qualifications

- Cross sections and maps
- Well correlations and log analysis
- Reservoir modeling
- Operations
- Software: Petrel, MS Office, WellView, Excel and VB programming, ArcGIS, AutoCAD
- SLB Petrel courses taken: Intro to Petrel, Petrel Geology, Property Modeling, Petrel Studio

Work experience

Geologist 1, Linn Energy, Bakersfield, CA (February 2015 – March 2016)

- Lead geologist for New Steam Floods team – Tulare and Potter sandstone reservoirs
- Petrel: reservoir characterization via statistical modeling, well log analysis, picking tops, facies log calculations, volume calculations
- Asset drilling operations such as determining well locations and target depths, calling liner intervals, scheduling, and covering any geologic needs of the drilling department 24/7
- General geologic support such as map and cross-section generation, and data presentation for budgeting, regulatory compliance, etc.

Sr. Geologic Technician, Berry Petroleum/Linn Energy, Bakersfield, CA (October 2012 – February 2015)

- Support for development of Tulare Sandstone, Potter Sandstone, and Diatomite reservoirs
- Petrel duties as described above
- FMI interpretation
- Presentations of reservoir data and analysis for budgeting and planning
- Responsible for all drilling operations as described above

Staff Geologist, BSK Associates, Fresno, CA (March 2011 – December 2011)

- Water, soil, and vapor sampling
- Soil testing (field and laboratory)
- Technical report writing for clients and the government
- Phase I site assessments
- ArcGIS, AutoCAD, and Surfer 8 work

Teaching Assistant, CSU Fresno, Fresno, CA (August 2008 – December 2011)

- Instructor of geology labs

Information Systems Technician, Processes Unlimited, Bakersfield, CA (March 2005 – August 2005)

- Installation, removal, and troubleshooting of workstations

- Installation and removal of software and hardware
- Automation of computer tasks
- Managing databases of projects and software licenses

Administrative Assistant, Shell Oil Product US, Bakersfield, CA (January 2002 – February 2005)

- Office tasks such as filing, mail, courier tasks, miscellaneous office tasks and projects

Academic accomplishments

Master's Thesis: Wonderly, Andrew adv. Dr. Keith Putirka, 2012. *Volcanic-Plutonic Petrogenetic Connections in the Eastern Sierra Nevada, California: Implications on the Tectonic Setting of Mesozoic Arc Volcanism.*

AGU Fall Meeting 2009 presentation and abstract: *Geochemical Investigation of Saddlebag Lake Roof Pendant and Lee Vining Intrusive Suite Origins* (Wonderly, A, Canchola, J, Putirka, KD).

AGU Fall Meeting 2007 presentation and abstract: *Olivine Crystallization and Mantle Potential Temperatures Beneath Yellowstone* (Wonderly, A, Putirka, K D, Atosa, A, Hurwitz, S).

Professional organizations

Geological Society of America
 American Geophysical Union
 American Association of Petroleum Geologists
 Association of Engineering and Environmental Geologists

Volunteer work

Catholic Worker, 2008 – 2011
 Bulldog Pantry, 2008 – present

References available upon request.