

Katherine Walden Schmid

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Pittsburgh, PA 15214
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Objective: Exploration position that uses my geological mapping, lab work, and Marcellus research experience.

Education:

University of Pittsburgh, Pittsburgh PA 05/05
Degree: **MASTER OF SCIENCE in GEOLOGY AND PLANETARY SCIENCES**
Major: Geology with concentration in isotope geochemistry

The Ohio State University, Columbus OH 09/99
Degree: **BACHELOR OF SCIENCE IN GEOLOGICAL SCIENCES**
Major: Geological sciences Minor: Mathematics

Work Experience:

EQT Production, Pittsburgh PA

GEOLOGIST 8/06-9/09

- Develop geological prognosis for gas wells
- Create completion recommendations for horizontal and vertical Devonian wells
- Use seismic and well data to map Onondaga Limestone
- Map Devonian sand horizons using well data in West Virginia and Pennsylvania
- Image log processing and interpretation
- Study horizons to look for good water disposal target

Power Gas Marketing and Transmission, Pittsburgh PA

EXPLORATION GEOLOGIST 12/04 – 8/06

- Correlate geophysical logs to create field cross-sections
- Determine potential drilling locations and depths to oil-bearing formations
- Create databases of geologic data and lease data
- Calculate recoverable gas reserves on company acreage

DLZ Corp, Columbus OH

DRILLING GEOLOGIST 9/99 – 12/01

- Create a field log classifying rock and soil samples
- Determine grain size distributions and test Atterberg limits in the lab
- Perform compaction tests of rock cores and concrete samples
- Describe rock cores
- Install monitoring wells and inclinometers
- Perform packer tests on bedrock

The Ohio State University, Columbus OH

LAB ASSISTANT 9/97 - 8/99

- Separate minerals from hand samples
- Prepare samples for processing in a mass spectrometer using a cation-exchange resin
- Analyze isotopic data

Environmental Restoration Project, The Ohio State University, Columbus OH

SUPERVISOR

6/96 - 8/96

- Instruct disadvantaged high school students in biology and geology
- Supervise the collection and testing of water and soil samples
- Advise students in analyzing the results and writing reports

Professional Affiliations:

- Secretary and membership chairman of Pittsburgh Association of Petroleum Geologists (present)
- Vice-Chairman Loyalhanna grotto (present)
- Member National Speleological Society (present)

Software: Geographix, Terrastation, Microsoft Office Suite, Open Office

Honors:

- 4/04 Presented graduate poster at Abscon 2004 at the NASA Ames research facility
- 9/03 Won a fellowship from the Pennsylvania Space Grant Consortium
- 7/99 Presented my undergraduate Honor's Thesis at the convention of the National Speleological Society

Continuing Education:

- Applied Petroleum Geology and Geochemistry for Thermogenic Shale-Gas Evaluation – A Primer Focused on Marcellus Exploration and Development in the Appalachian Basin (PTTC)
12/9/09
- Appalachia – Unconventional since 1859: Take Two – Newer and Lighter
19/3/09
- Structural Geology of the Marcellus and other Devonian gas shale field trip at eastern American Association of Petroleum Geologists meeting
10/11/08-10/12/08
- Borehole Imaging Training (Terrastation)
7/28/08-7/29/08
- Appraising and Developing Coalbed and Shale Gas Reservoirs (PTTC)
6/21/08
- Carbonate Reservoirs workshop (PTTC)
5/25/08
- Stratigraphy and Fracture History of the Middle and Upper Devonian Succession, Western New York – Significance to Basin Evolution and Hydrocarbon Exploration field trip
5/30/2008-5/31/2008
- Interpretive Mapping in GESXplorer class (Haliburton)
4/10/08
- The Role of Fractures in the Devonian Black Shale Gas Play (PTTC)
1/8/08-1/9/08
- Basic Open hole log interpretation (PTTC)
3/1/07-3/2/07
- Geologic Hazards impacting Transportation Systems in the Appalachian Region (Ohio Department of Transportation)
8/4/04-8/5/04

* PTTC is the Petroleum Technology Transfer Council