

### Career Objectives

I have the experience, energy, drive, and curiosity to conduct exploration to find unconventional reservoirs. Once found, I want to be part of a team applying new technologies to exploit the unconventional plays. I am also very interested in rejuvenation of marginal or depleted fields by applying state-of-the-art geophysical logs, horizontal drilling, and frac'ing techniques.

### Experience

**2009-Present**    *Consulting Geologist, Tulsa, Oklahoma*

- Conducted exploration and field studies in central Oklahoma and Kansas
- Field study to determine potential pay zones by reviewing data for 75 wells and conducting log analysis all potential zones from the Jurassic Cotton Valley to the Cretaceous Tuscaloosa Formations
- Exploration Mississippian Lime in Oklahoma/Kansas generating structure, various isopachs, and production maps resulting in purchase of over \$1 MM in minerals for one client and kicked off lease play in Kansas for another client
- Assisting in the sale and marketing of prospects
- Regional exploitation evaluating 200 to 300 wells and associated acreage owned by the client in the Permian Panhandle Field, Texas for further development and work-over.

**2005-2009**    *Senior Exploration Geologist, Unit Petroleum, Tulsa, Oklahoma*

- Assigned lead geologist for all of East Texas and for the Marcellus Shale play in Pennsylvania
- Got the company into the Haynesville Shale play in East Texas
- Successfully supported participation in 35+ Cotton Valley Sand resource play in East Texas
- Exploration in East Texas resulted in the company acquiring (18,000 gross / 12,000 net acres) and two field discoveries in the Haynesville Shale. In addition, the studies identified Haynesville shale potential under three AMIs.
- As the lead geologist I was responsible for recommending participation in 7 deep vertical and one horizontal well to the Bossier Sands in Driscoll Field, north Louisiana
- Calculated and determined reserve estimates for quarterly reporting for all of the company's East Texas production

**1989-2005**    *Department Manager/Environmental Geologist, Dallas, TX and Denver, CO**Various local and national environmental engineering firms*

- Responsible for acquiring and mentoring new hires
- Conducted subsurface hydrogeologic studies and mapping to determine the limits of petroleum contaminate pools in soil, vadose zone gases, and formation waters
- Supervised the drilling and installation of over 100 exploratory wells which included well site geology and sample, core descriptions and groundwater sampling
- Conducted formation testing to determine permeability and drawdown for production capabilities
- Proficient at proposal and report writing averaging 5 to 6 proposals and reports per week
- Responsible for all departmental reports, which required review of all project reports
- Responsible for budgets, cash flow analyses and projections, project costing, project economic analyses, and cost effectiveness of remediation alternatives
- Implement regulatory compliance requirements and working with governmental entities

1986-1989 **Petroleum Consulting Geologist, Denver Colorado, Nippon Oil, Silver State Resources, and Resources Capital Group**

- Senior Geologist Employed to bolster reduced technical staff of domestic and international oil companies.
- Performed all facets of development and regional geology as well as strategic planning. Major projects included the evaluation and basin analysis for Nippon Oil of their West Texas joint venture with Texaco
- Developed regional exploration plays in the Permian Minnelusa Sands, Powder River Basin integrating seismic and gravity geophysics with subsurface geology that resulting in the drilling a wildcat well and leasing 1,000+ acres in a depressed industry

1977-1986 **Petroleum Geologist, Dallas, TX and Denver, CO**

1984-1986 Wintershall Oil and Gas, Denver, Colorado

1982-1984 Superior Oil Co. (bought-out company), Denver, Colorado

1977-1982 Supron Energy Corp (bought-out company), Dallas Texas

- At all three companies, I honed my geological exploration skills obtaining progressively more responsibilities that culminated into a senior level position. In all situations I conducted subsurface mapping studies (structure, isopach, reservoir studies, production studies), cross sections. In all cases, exploration required integration of seismic to regional and prospect geology, as well as conducting well site geology, calling core and DST points and TD, and supervised logging of those wells.
- Wintershall representative for unitization of Buck Draw Field, Powder River Basin, Wyo
- While at Superior Oil attended corporate seismic school
- While at Superior Oil conducted sub-thrust exploration Wind River Basin, Wyo.
- Areas of expertise included exploration in carbonates in the Williston Basin, ND, eolian sands in the Tensleep/Minnelusa of the Powder River Basin, WY, carbonates in the Strawn and Ellenberger of West Texas, as well as other basins in the Rocky Mountain Region
- While at Supron conducted well site geology in the Williston Basin, ND, western Utah, Wyoming, and West Texas

#### Education

1977- M.A. Geology w/thesis, University of North Dakota, Grand Forks, ND. Geologic thesis was the mapping of Quaternary formations of a 3700 km<sup>2</sup> area. Mapping included geomorphic features and stratigraphy to determine the Quaternary geologic history. Participated in Kent State University, field camp in the Black Hills of South Dakota. In addition to thesis summer fieldwork, I was employment for two summers as a well site geologist for a geotechnical engineering project North American Coal and a uranium exploration project for Bendix.

1974- B.A. w/geology major, SUNY at Geneseo, Geneseo, NY.

#### Computer Knowledge and Skills

Petra

Power Tools

Microsoft Office

I am an expert in subsurface mapping and well log interpretation. Proficient at unconventional shale plays. --Designed the laboratory and log analysis required to understand the shale maturity, TOC, Poission's ratio, and other mechanical and chemical attributes of the Haynesville Shale in East Texas. I have completed 4 days of geosteering training.

*Registration  
and Licensure*

Certified Petroleum Geologist, AAPG  
Registered Professional Geologist, State of Texas  
Registered Professional Geologist, State of Wyoming  
Certified Professional Geologist, AIPG  
Member Tulsa Geological Society  
Member Kansas Geological Society

*Personal  
Accomplishments*

Eagle Scout - Boy Scout Explorer Post 251, Wales Hollow, NY

- References are available upon request-