

I have 15 years of petroleum industry experience with a broad base of practical knowledge ranging from regional exploration mapping to development planning and operations to petrophysics. I love finding functional and elegant solutions to complicated problems and am an efficient member of any team.

Experience and expertise includes:

- Petrophysical interpretation (single, multi-well)
- Logging program planning and execution
- Exploration, development & ops experience
- Wellsite experience (geological & logging)
- Geosteering horizontal wells (CTD & rotary)
- Geolog, Techlog, ArcGIS & drafting programs
- Geological, petrophysical database management
- Sequence stratigraphy/deepwater sedimentology

PROFESSIONAL DEVELOPMENT COURSES:

- Coring & Core Analysis, Petroskills, Calgary, AB 2011
- Wireline Formation Testing, Petroskills, Calgary, AB 2011
- Capillarity in Rocks, Petroskills, Denver, CO 2012
- Integration of Rocks, Logs and Test Data, Petroskills, Anchorage, AK 2014

## PROFESSIONAL EXPERIENCE

### **FRIENDS OF THE CHUGACH AVALANCHE CENTER, Anchorage, AK**

#### **Executive Director Oct 2020-present**

Responsible to day-to-day operations and promoting the mission and strategic goals of the 501(c)(3) nonprofit which is dedicated to enhancing avalanche awareness in Southcentral Alaska through information, outreach and partnerships and works to bridge the gap between limited federal funding and the actual expenses of operating the Chugach National Forest Avalanche Information Center.

### **WATERS PETROLEUM ADVISORS, Anchorage, AK**

#### **Operations Geologist Aug 2017-March 2020**

Coordinated planning phase of exploration wells for ConocoPhillips 2018 Winter Exploration Season and planning and execution phases of their 2019 & 2020 Winter Exploration season, 3 of ConocoPhillips biggest-ever exploration campaigns.

### **CONOCOPHILLIPS ALASKA, INC., Anchorage, AK**

#### **Petroleum Geoscientist Sept 2005-Sept 2016**

#### **Petrophysicist, Exploration and Operations, Alaska June 2011-Sept 2016**

Developed and implemented log models for development, appraisal and wildcat exploration wells in the North Slope and Cook Inlet Basins, Alaska. Planned logging programs and oversaw logging operations for routine and exotic LWD and wireline tools and interpreted results in real-time

- Was the sole petrophysicist in the AK Business Unit from June 2011-Jan 2014
- Planned and supervised wellsite wireline logging operations for 8 wells, including 6 with exotic logs and extensive wireline formation tester programs
- Developed a new, thin-bed model for the Tarn Field
- Took a lead role in facilitation the switch from Geolog to Techlog software

#### **Development Geologist, Kuparuk Field, Alaska Sept 2008-June 2011**

Worked with an integrated team to plan and geosteer grassroots rotary wells, rotary sidetracks and coil tubing (CTD) sidetrack laterals

- Planned and drilled 22 laterals out of 9 separate motherbores
- Took a lead role in developing and implementing an A Sand CTD log model in Geolog
- Received 2 Special Recognition Awards for exceptional effort, teamwork and mentoring

#### **Petrophysicist, Technical Excellence Group, Calgary, AB Sept 2007-Sept 2008**

Responsible for completing log analysis on a variety of plays

- Worked with variety of Western Canadian Basin teams using Geolog on multi-well log analysis projects to
- advance understanding of exploration and development plays
- Assisted asset teams with evaluations for completions of current-drills
- Exploration Geologist, Onshore, Alaska Aug 2006-Sept 2007
- Conducted a regional study of the Brookian Formation, North Slope, Alaska
- Developed erosion estimate/uplift and Dmax map for NPR-A based on Brookian section using 2D and 3D grids and well data

- Compiled and interpreted sequence stratigraphy, reservoir properties, trap type, etc. for all Brookian Topset leads, prospects, discoveries and producing fields and created database with ArcGIS interface to catalog in these properties

**Operations Geologist, West Sak Field, Alaska Sept 2005-Aug 2006**

Responsible for planning horizontal wells, working with well site geologists to geosteer laterals in real-time, and communicating with directional drillers, drilling engineers, project geologist and in-town management.

- Planned 6 wells
- Assisted in execution/geosteering of 13 wells including 10 dual- and tri-lateral horizontals
- Responsible for simultaneous operations of two rigs

**Geoscience Summer Intern, Alaska May 2003-Aug 2003**

Responsible for regional, seismic-scale sequence stratigraphic interpretation of the Brookian Formation west of Kuparuk Field.

- Interpreted North Slope Brookian sequence stratigraphy from regional 2D seismic
- Characterized individual shelf-edges with respect to sequence stratigraphic setting and prospectively
- Prepared and presented a talk on project for presentation in Anchorage and Houston

**HONORS AND AWARDS**

- United States President's Volunteer Service Award, Board of Directors Friends of Chugach National Forest
- Avalanche Information Center (CNFAIC)
- Mark of Excellence Award, ConocoPhillips, Permafrost Coring Project
- Best Poster, ConocoPhillips Subsurface Symposium
- Mark of Excellence Award, ConocoPhillips, CTD Development Team
- Best Student Talk, AAPG Annual Meeting
- Rocky Mountain Association of Women Geoscientists Award 2X awardee
- Ronald J. Gould Scholarship in Geology recipient