M.S. Masters of Science, Geology, Southern Illinois University, Carbondale, Illinois, 1978 B.A. Bachelor of Arts, Geology, State University of New York, Geneseo, New York, 1975 A.A.S. Associates in Applied Science, Forestry, Paul Smith's College, Paul Smiths, New York, 1971

PROFESSIONAL EXPERIENCE

2001 - present Petrotechnical Resources of Alaska, Anchorage, Alaska, Consulting Geologist.

- Drilled wildcat well for Great Bear Petroleum, LLC. and evaluated Cretaceous objectives including West Sak and Schrader Bluff intervals (2015).
- Geosteering development wells for British Petroleum and Conoco-Philips in Greater Prudhoe Bay, Kuparuk, and satellite fields.
- Well log interpretations, real time geosteering utilizing MWD logs, sample description.
- Additional duties include travel arrangements and coordination of wellsite geologists in lieu of supervisor presence.

1996 - 2001 U. S. Geological Survey, Denver, Colorado, Consulting Geologist/ Database Manager.

- Responsible for stratigraphic correlation, data file management for the National Coal Resource Assessment, Rocky Mountains and Northern Great Plains.
- Joint BLM and USGS Coal Bed Methane Project, developed canister technology for coal core
 desorption, field collection techniques for well site data.
- Manipulation of databases utilizing Stratifact and other Windows based software.
- Responsible for well site collection of data and well log interpretation.

1990 – 1996 Ochs Restorations and Resources, Denver, Colorado, Consulting Geologist/Aircraft Mechanic.

- Responsible for aircraft maintenance and safety inspection of general aviation aircraft including flight school aircraft.
- Generated oil and gas prospects in the Powder River Basin and Hugoton Embayment.

1986 – 1990 Ochs Restorations and Resources, Denver, Colorado, Consulting Geologist/ High School Teacher.

- Generated oil and gas prospects in the Uinta Basin, Hugoton Embayment and Powder River Basins
- Well site geologist, Uinta Basin, Piceance Creek Basin, Hugoton Embayment, western Kansas.
- Earned teaching credentials for the States of Colorado, Washington, and Alaska and taught high school earth science, biology, and chemistry in the Denver and Aurora public schools.

1981 – 1986 Southland Royalty Company, Denver, Colorado, Exploration and Development Geologist.

- Generated oil and gas prospects in the Uinta Basin, Big Horn Basin, Powder River Basin, Williston Basin, Hugoton Embayment, western Kansas.
- Responsible for coring, well log interpretation and quality control, and drill stem test witnessing and interpretation.

1979 - 1981 ARCO Oil and Gas, Denver, Colorado, Exploration Geologist.

- Responsible for initiating oil and gas exploration in the Williston Basin.
- Well site geologist on Red River and Mississippian tests.

1977 - 1979 AMOCO Production Co., Houston, Texas, Exploration and Development Geologist.

- Responsible for developing exploration and development prospects in the Michigan Basin.
- Responsible for coring and well log interpretation of prospective pay zones in The Niagaran Reef Play in southern Michigan.
- Responsible for well site geology, drillstem test and open-hole well log interpretation.