

- ◆ Society of Exploration Geophysicists
- ◆ Society of Petroleum Engineers, Alaska Section Vice-Chairman 1999-2001, Chairman 2001-2002
- ◆ Geophysical Society of Alaska, President 1998-90 and 2005-2006

Mr. Walsh has over 28 years of experience in the Alaska petroleum exploration and production industry, with a diversified background ranging from basin analysis and lease sale assessment to production well planning and reservoir production modeling. Tom has been involved in the exploration, appraisal, or development phase of nearly every major field in North Alaska, including: Prudhoe Bay, Kuparuk, Endicott, Pt. McIntyre, Milne Point, and Niakuk. He has managed 2D and 3D seismic acquisition and processing projects at Prudhoe Bay and Milne Point. Tom's current interests focus on resource assessment of gas hydrate accumulations, and he served as Principal Investigator on a recently completed study of the resource potential of gas hydrates associated with the Barrow Gas Fields on the North Slope of Alaska. Tom is managing partner of Petrotechnical Resources of Alaska, LLC, and has technical and administrative oversight responsibility for 75+ professional oil and gas consultants.

PROFESSIONAL EXPERIENCE

7/97 TO PRESENT – OIL AND GAS CONSULTANT, PETROTECHNICAL RESOURCES OF ALASKA, LLC.

Principal Investigator on a study of gas hydrate resource potential associated with the Barrow Gas Fields completed in June of 2008. Led a diverse team of geoscientists and engineers in this integrated study, which broke new ground in the field of hydrate resource assessment. Completed a study of basin architecture and seismic stratigraphy in the Yukon Flats Basin for the U.S.G.S. Performing prospect analysis for independent clients in interior Alaska, and on the North Slope. Provided seismic interpretation and mapping training and support for Kuparuk Field onsite geoscience staff. Member of a multidisciplinary team managing the development of the Gas Storage Area of the Kuparuk River Field. Assessed the petroleum potential of a frontier interior Alaskan basin and assisted in designing a seismic acquisition program. Assisting a regional native corporation in marketing their lands in several interior Alaskan basins. Designed a lease sale/exploration licensing plan for the Alaska Mental Health Trust Lands Office for their Cook Inlet Basin properties. Supervised construction of a 3D reservoir model for the Schrader Bluff Fm. in the Milne Point Field. Providing consulting support for independent oil and gas producers entering the North Slope market.

6/94 to 7/97 - CONSULTANT, ALASKA PETROTECHNICAL SERVICES INC.

Provided consulting reservoir geophysicist services to the Milne Point and Endicott Assets, BP Exploration (Alaska) Inc. Worked in a multidisciplinary team to appraise and develop new reserves in the Cascade accumulation.

9/91 to 4/94 - SENIOR PRODUCTION GEOPHYSICIST, BP EXPLORATION (ALASKA) INC.

Member of a multi-disciplinary team making development and planning decisions to optimize development of the Kuparuk River Oil Field. Built an integrated 3D reservoir model for use in reservoir development

8/88 TO 9/91 - SENIOR EXPLORATION GEOPHYSICIST, BP EXPLORATION (ALASKA) INC.

Conducted exploration prospect generation, partner negotiations, data acquisition and database management in the Chukchi Sea and Pt. McIntyre areas of Alaska's north slope oil province.

12/84 TO 8/88 - DEVELOPMENT GEOPHYSICIST, STANDARD ALASKA PRODUCTION CO.

Coordinated seismic data acquisition, processing, and data management for \$8mm Northern Tier 3D seismic survey. Seismic interpretation and development well planning responsibilities for NW Fault Block, Prudhoe Bay Oil Field.

4/81 to 12/84 - GEOPHYSICIST, SOHIO PETROLEUM CO.

Conducted mapping study and prospect generation of the Kuparuk Fm. hydrocarbon reservoir in the western periphery of the Prudhoe Bay Oil Field.

7/80 to 4/81 - SENIOR TECHNICAL ASSISTANT, SOHIO PETROLEUM CO.

Provided mapping support for Geophysical Mapping Task Force, Prudhoe Bay Oil Field final equity re-determination.

TECHNICAL and ANALYTICAL SKILLS

- ◆ Extensive experience with seismic interpretation tools
- ◆ Strong well log interpretation skills
- ◆ Ability to identify, communicate and quantify critical reservoir parameters
- ◆ Experience with a variety of reservoir description tools (Geomatic IRMS, SGM, Earth Vision)
- ◆ Strong multi-platform computer skills (Unix, Mac, Windows)
- ◆ Strong written and oral communication skills

INDUSTRY and COMMUNITY LEADERSHIP

- ◆ President, Petroleum Club of Anchorage, 2008-2009
- ◆ Executive Board, Alaska Support Industry Alliance, 2008