

Petroleum Geologist – State of Alaska Department of Natural Resources, Division of Oil and Gas

The Department of Natural Resources, Division of Oil and Gas seeks a highly experienced Petroleum Geologist to work in the Resource Evaluation Section. This is a permanent, full-time, Range 26 exempt position located in Anchorage. Starting salary is dependent upon qualifications and experience.

Job Duties:

- ❖ Work with a diverse technical team of geologists, geophysicists, and petroleum engineers to:
 - Provide the subsurface foundation for collaborations with unit managers, commercial, leasing, permitting, and royalty accounting staff to develop written recommendations on producing or emerging units, including:
 - Applications to form or modify units and participating areas;
 - Unit plans of exploration and development;
 - Revisions to royalty production allocations (redeterminations) based on analysis of reservoir simulation models;
 - Perform volumetric analysis of discovered resources and reserves;
 - Further the understanding of petroleum potential in nonproducing and emerging areas of Alaska;
 - Provide geologic guidance regarding terms and conditions for areawide lease sale and exploration license proposals;
 - Evaluate oil and gas prospectivity of proposed land selections, relinquishments, and trades throughout Alaska;
 - Provide sound technical information to the offices of the director, commissioner, governor, and legislative bodies;
 - Conduct industry outreach to promote exploration and development of Alaska's petroleum resources; respond to requests for technical information from other agencies, organizations, and individuals;
 - Collaborate with Division of Geological & Geophysical Surveys and U.S. Geological Survey geologists on Alaska petroleum systems studies and oil and gas resource assessments

The successful candidate will demonstrate:

- ❖ Expert knowledge of petroleum exploration and development methods, preferably with greater than 15 years' experience working Alaskan basins or fields;
- ❖ Proficiency using subsurface mapping and interpretation workstation environments and digital databases;
- ❖ Effective time management skills, including the ability to advance multiple projects in parallel;
- ❖ Strong internal motivation, critical thinking, and an eagerness for continuous learning;
- ❖ Outstanding written and verbal communication skills;
- ❖ Commitment to teamwork and effective collaboration;
- ❖ Familiarity with Alaska oil and gas statutes and regulations;
- ❖ Adaptability and leadership potential

Education and Experience:

Bachelor of Science in geoscience from a four-year accredited institution required, graduate level degree(s) in geology strongly preferred; plus a minimum of 10 years' experience in or working with the oil and gas industry in exploration and development, greater than 15 years Alaskan oil and gas experience strongly preferred.

Qualified persons are encouraged to submit a resume with a complete work history and a technical writing sample by **5:00 p.m. on February 28, 2019**. Materials may be submitted by mail to: Diane Hunt, Admin Operations Manager, Division of Oil & Gas, 550 West 7th Avenue, Suite 1100, Anchorage, AK 99501 or emailed to diane.hunt@alaska.gov.