

# Kristine Smith, PE

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## ***Civil Engineer Specializing in the Oil & Natural Gas Industry***

PE-certified civil engineer experienced in the design, implementation and management of complex development projects. Excellent command of standard engineering practices for oil, gas and subsea pipelines within harsh arctic climates.

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| <b>Specialties:</b> | Oil & Gas Pipeline Engineering ♦ Subsea Engineering Design<br>Offshore Engineering ♦ Installation Engineering ♦ Cold Climate<br>Engineering |
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| <b>Engineering Tools:</b> | AutoCAD Civil 3D ♦ Primavera P6 Professional ♦ Trimble Terramodel<br>GeoTools / GEOPAK CES ♦ MS Project |
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## **Professional Experience**

ABC ENGINEERING CONSULTING, Sometown, AK

**Civil Engineer**, 1/10 to Present

- ❖ Recruited to provide civil engineering design and management of oil and natural gas development projects for firm's Alaska office.
- ❖ Completed civil engineering initiatives that included oil and gas pipeline engineering design, offshore deepwater projects, subsea pipeline and connection system designs, J-lay and S-lay pipelines, pipeline trenching, riser systems and single point moorings (SPMs).
- ❖ Prepared construction and environmental compliance documents; developed grading plans, cost estimates and bid specifications; and provided construction oversight, environmental sampling and site reconnaissance.
- ❖ Ensured the safe, cost-effective and timely completion of all projects to meet or exceed client expectations.
- ❖ Maintained excellent relationships and stayed in constant contact with all clients, which proved instrumental in generating additional project work.

DEF ENGINEERING FIRM, Sometown, AK

**Civil Engineer**, 1/08 to 1/10

- ❖ Collaborated with clients, designers, contractors and local/state agencies to resolve a myriad of engineering and design issues.
- ❖ Developed solutions that safely and effectively addressed challenges including ice-infested water, permafrost presence on seafloor and threats of ice gouging along pipeline route.

## **Education**

XYZ UNIVERSITY, Sometown, WA

**BS in Civil Engineering (BSCE), Concentration in Offshore Engineering**

- ❖ *Honors & Activities:* Chi Epsilon (Civil Engineering Honor Society), American Society of Civil Engineers
- ❖ *Internship:* Completed eight-month civil engineering internship as an Engineer in Training (EIT) with DEF Engineering Firm after graduation. Projects included offshore and subsea engineering design and support for Alaskan oil pipeline. Passed Fundamentals of Engineering (FE) exam.

**Certification:** Professional Engineer (PE)