

Alaska Gas Producer Team Accomplishments

**Alaska Resource Development Council
Annual Conference**

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JOINT TEAM OBJECTIVES

- **Assess the economic viability of a project**
- **Focus on route evaluation**
 - **Cost and environmental considerations**
- **Prepare sufficient information to support potential permit applications**

KEY MILESTONES

1Q01

- Established offices
- Assembled elite Team
- Developed Team work scope
- RFP to 29 contractors

2Q01

- Awarded contract
- 100 company personnel
- Field surveys initiated

3Q01

- Contract awards grew to 55
- Contractors peaked at 800
- Proposed enabling legislation
- Rolled-out attribute study
- Conducted Beaufort Sea survey
- Completed field surveys

4Q01

- Conceptual design completed
- Receiving contractor cost estimates
- Economic analysis
- Environmental reports

TECHNICAL ACCOMPLISHMENTS

- **Conceptual Design**



- **World-class Gas Treating Plant for CO₂ removal**
- **Over 5000 miles of pipeline (52", 2000 to 2500 psi)**
- **24-28 compressor stations**
- **>1200 stream crossings**
>1500 road crossings
- **NGL extraction plant**

EXAMPLES OF STUDIES COMPLETED

- **Plant Process Technology Selection & Optimization**
- **Pipeline Size & Pressure Optimizations**
- **High-Strength Steel Design (X-80)**
- **Beaufort Sea Survey**
- **Offshore Trenching**

- **Directional Drilling**
- **Permafrost Geothermal**
- **Constructability**
- **Pipeline Coating**
- **Route Photography & Surveillance**
- **Procurement & Logistics**

ENVIRONMENTAL ACCOMPLISHMENTS



- **Field Data Surveys Accomplished Along ROW of Both Routes**
 - **Threatened & Endangered Species**
 - **Marine Mammals**
 - **Wildlife Habitats**
 - **Cultural Resources/ Archeology**
 - **Stream Crossings/Fish**
 - **Wetlands**
 - **Vegetation**
- **Environmental Report Drafting Initiated**
- **Preliminary Socio-Economic Impact Review**

CHALLENGES



- Overall: Identify economic project
- Permitting
- Construction
- Materials
- Logistics
- Safety & Environmental

NEAR-TERM PLANS

- **Economic Evaluation**
- **Enabling Legislation**
- **2001 Work Program Results**
- **2002 Pace Dictated by**
 - **Economic results**
 - **Political climate**