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

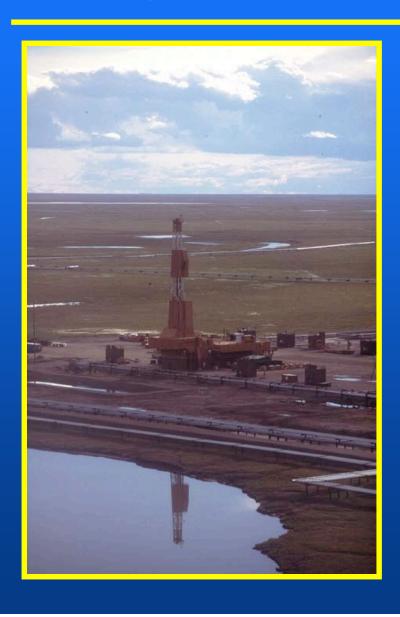
- World-class Gas Treating
 Plant for CO2 removal
- Over 5000 miles of pipeline (52", 2000 to 2500 psi)
- 24-28 compressor stations
- >1200 stream crossings>1500 road crossings
- NGL extraction plant

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

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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