



Engineering Services



Barlon's skilled engineers work with clients throughout their project lifecycle starting with preliminary development, assessment and planning to ensure practical solutions that optimize production and equipment efficiency. This includes undertaking feasibility studies, capital cost estimates, detail design, commissioning and start-up activities. By working on your project throughout its various stages, Barlon's professional engineers are capable of simplifying processes, reducing costs and waste, while improving constructability. This approach reduces the need for engineering rework resulting in reliable project designs focused on production optimization at reduced costs.

Barlon Engineering Can Provide:

- Well Construction & Casing Design (Pre-Drilling, Programming and Design)
- Directional Well Planning Services:
 - Anti-Collision Modeling
 - Pad Layout & Location Placement
- Torque & Drag Assessments:
 - Casing Strings
 - Liner Runs
 - Frac Strings
- Steam Flow Distribution for Tubing Configurations
- Sand Control Testing & Liner Design
- Intermediate Casing & Cementing Design
- Observation Wells & Instrumentation
- Wellhead Procurement
- In-house Engineering Support
- Depth Setting Calculations
- Drilling & Intervention Planning
- Economic Analysis of Drilling, Completion, Workover or Facility Installation Proposals
- Multiphase Flow Performance Analysis and Cost Estimates for AFE preparation