



Physical Footprint

Mist Mountain Coalbed Gas Project

Our Commitment

We are committed to keeping the footprint of our facilities and activities to a minimum to limit environmental disturbance. BP will design, build, operate, and maintain all facilities in a manner that allows them to function safely, efficiently and responsibly throughout their entire life cycle. At the end of the life of our facilities, we will remove our surface equipment and reclaim disturbed land. Our aim when we leave any location is to leave a clean environment and a positive legacy behind us.

Potential Physical Footprint

“Footprint” describes the surface area of land directly impacted by a project’s facilities and related activities. For the Mist Mountain CBG project, the scope of our footprint will vary depending on the stage and type of activity.

Appraisal and Design Stage – test wells, pads, roads

We anticipate drilling up to 10 test wells per year over three to five years of appraisal activities. Information from these wells will help us learn about the gas and identify the most effective and environmentally responsible technology for site conditions. Our appraisal stage will determine the technical feasibility of using pads with multiple wells on them (“multi-well pads”) instead of single well pads to produce this gas.

Development Stage – well pads, roads, pipelines, processing facilities

Commercial development could require approximately 100 to 150 multi-well pads, with up to 10 wells per pad. These pads would connect via a pipeline gathering system to nodal compression facilities. There, the gas would be compressed and transferred to one of two processing facilities which, following removal of excess carbon dioxide (CO₂) would send the gas to the North American natural gas market on the existing TransCanada pipeline.

Limiting Physical Footprint

BP will be a responsible operator. We will draw on the best practices available to limit our physical footprint while maintaining safe and efficient operations.

We will:

- Maximize the use of previously disturbed land where technically practical, in cooperation with surface rights holders
- Work with others to maximize joint-use and minimize new disturbance where possible, e.g. roads and rights-of-way, and
- Plan and design the layout, location and capacity of our facilities to avoid environmentally sensitive areas and to blend aesthetically with the natural surroundings, considering the needs of other users.



Managing Ecological Impact

Operating responsibly involves taking steps to minimize the environmental impact of our operations from discovery through to decommissioning. BP is committed to protecting local ecosystems while we design, build, operate and decommission our facilities and reclaim the land.

We will:

- Conduct multi-year environmental baseline studies early to identify core habitat, winter ranges and movement corridors
- Work with other rights-holders to reduce regional impacts on wildlife
- Conduct a BP-mandated Environmental and Social Impact Assessment
- Evaluate timing of construction activities to avoid critical periods for wildlife and plants
- Incorporate native vegetation species into our reclamation program
- Construct and monitor stream crossings to ensure protection of fish and fish habitat
- Manage erosion risks from road and lease construction
- Design, construct and maintain facilities to minimize runoff, erosion and leaching, and
- Ensure all waste products are managed in an environmentally responsible manner.

BP's environmental studies can be found on our website:

www.bp.com/mistmountain



The Mist Mountain Coalbed Gas Project is a proposal by BP Canada Energy Company (BP) to assess whether natural gas in BC's Crowsnest Coalfield can be produced in a safe, economic and environmentally responsible manner. Our proposal includes up to five years of environmental studies, technical research and consultation prior to a decision on commercial development.

