

Collaboration, Conservation & Commitment on the Pinedale Anticline

Ultra, Shell and Questar recognize the importance of balancing natural gas development with protection of habitat, wildlife, air and water resources, while minimizing the impacts to the local community. The Anticline is a world-class natural gas resource, the nation's second largest. It's also an important wildlife habitat for mule deer, pronghorn antelope, sage grouse and many other species.

Balancing resources on the Pinedale Anticline requires a collaborative effort. The unique alliance of Operators developed a mitigation plan with the expertise of the Wyoming Game & Fish (WGF) and the Wyoming Department of Environmental Quality (WDEQ). The Operators refined the commitments to mitigation by listening to public comments made during the Draft Supplemental Environmental Impact Statement process. The result of this cooperative effort is a mitigation plan that establishes commitments to protect wildlife and air quality in the Pinedale Anticline Project Area (PAPA) for the life of the project.



MINIMIZING HABITAT DISTURBANCE

- Concentrated year-round development preserves large, contiguous blocks of habitat and migration corridors on the Anticline
- Directional drilling on multi-well pads allows for reuse and expansion of pads (and less per well disturbance) and minimizes new road and pad construction
- Limited year-round access in Development Areas allows earlier pad reclamation while resulting in 100 fewer pads than currently authorized
- Interim reclamation occurs on well pads where no development activities are forecast for two years
- Offer by Operators to suspend activity on flank leases in certain areas that will provide crucial habitat for wildlife, migration corridors and livestock forage



RESPONDING TO THE CHALLENGE

Resource recovery will occur on the Anticline under current federal mandates and existing leases. The responsibility of the Operators, Bureau of Land Management (BLM), WDEQ and WGF is to find the best possible balance for energy development, wildlife, air and community.

This proposal enables the Operators to invest more funds in enhanced technology and long-term planning that will benefit air quality and wildlife.

- Reduces cumulative impacts over the life of the project
- Steady, managed and predictable pace of development results in fewer years of impacts to wildlife
- Significantly improves air quality
- Annual and 10-year planning with BLM, WDEQ and WGF
- Monitor and mitigate impacts on habitat, wildlife and air through the Operators' dedicated \$36 million mitigation fund

Community Information Line: 1-877-526-1007
On the Web: www.PinedaleSEIS.com



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REDUCING TRAFFIC AND HUMAN ACTIVITY

- Multi-well pads allow for consolidation of operations, installation of a Liquids Gathering System (LGS) and reduction of road infrastructure
- The LGS reduces human disturbance by eliminating approximately 165,000 truck trips annually at maximum production
- Expanded use of computer-assisted operations reduces vehicle traffic during production

PROTECTING AIR QUALITY

- Commitment to an 80% reduction in rig engine NOx emissions from 2005 levels within 3.5 years after the SEIS ROD is issued
- The LGS greatly reduces emissions from trucks and tanks as well as associated dust for the life of the project
- Consolidated multi-well pad operations reduce human activity and associated vehicle emissions
- The Operators will make improvements through advanced technologies to reduce emissions

BENEFITING LOCAL COMMUNITIES

- A steady year-round workforce establishes a stable population and local economy, improving safety and minimizing the boom-bust cycles associated with seasonal drilling
- The 10-year development plan will improve local leaders' ability to forecast and plan for school, housing, infrastructure and other community needs

MITIGATING, MONITORING AND FUNDING

- Contribution of \$36 million to a Mitigation and Monitoring Fund to address potential impacts to air, wildlife, livestock, vegetation and reclamation
- The Fund will be used for mitigation, monitoring, research, and analysis associated with potential impacts due to energy development in the PAPA
- Mitigation will be based on goals and objectives, which will be discussed and reviewed in annual meetings with the BLM, WGF and WDEQ



QUICK FACTS

- Only 8% total surface disturbance will occur within the PAPA from this natural gas development that helps meet our nation's growing energy demand
- The BLM estimates the natural gas royalties over the life of the field at approximately \$16 billion; \$8 billion would go to the State of Wyoming
- Production of natural gas provides a secure, clean domestic supply of energy to heat 10 million homes for 30 years

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