



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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January 17, 1990

To: File

From: David W. Darby, Geologist 

RE: Amendment Approval, Rock Tunnel Development to the New Centennial Seam, Centennial Project, Andalex Resources, Inc., ACT/007/019, Carbon County, Utah

Synopsis

On January 4, 1990, Andalex Resources, Inc. submitted an amendment to modify their current 5-year mine sequence. The amendment outlines plans to construct a rock tunnel and develop mine entries in an adjacent coal seam known as the Centennial coal seam. The rock tunnel will be constructed from the Pinnacle Mine (Gilson coal seam) to the Centennial Seam, about 110 feet above the Gilson seam. Information garnered during mining operations identified the thicker reserves of the Centennial coal seam as being distinctly different than the Gilson seam or Lower Sunnyside seam.

Mining strategy calls mining the Centennial seam where reserves are greater than five feet thick. No coal will be mined from either the Lower Sunnyside seam or the Gilson seam in vertical relationship the mining of the Centennial seam.

Analysis

A review of the proposed amendment concludes that mining of the Centennial coal seam will not have any adverse effects to the existing hydrologic conditions than otherwise mentioned in the Mining and Reclamation Plan (MRP). Mining will take place where overburden height ranges between 1500 feet to over 2000 feet. The planned mining sequence for the Centennial coal seam will essentially replace the mining sequence for the Gilson coal seam that was previously planned for mining. Extraction conditions should be similar because only a maximum of two seams will be mined in the vicinity of the proposed Centennial reserves. All rock waste generated from development of the rock tunnels will be stored underground.

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Recommendation

This proposal is recommended for approval. The approval will be restricted to development of the rock tunnels and mine development in the existing lease holdings as of this date.

dwd/DWD

cc. Sue Linner
B Team