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Jan 28, 1994

**TO:** File

**THROUGH:** Daron Haddock, Permit Supervisor

**FROM:** James D. Smith, Reclamation Specialist *JDS*

**RE:** Deficiencies in Application for Permit Change  
Longwall Mine Plan  
Centennial Project - Andalex Resources  
ACT/007/019, Folder #2, Carbon County, Utah

Several minor deficiencies or errors were found in material submitted in the application for permit change received from Andalex on November 15, 1993. These were listed in a memo dated January 3, 1994. The problems were not sufficient to make the proposed change to the MRP unapprovable, but Mike Glasson discussed the problems with me by telephone and brought corrected pages and maps when he visited our office in January. The information in the MRP is now clearer. The changes were approved and incorporated into the plan effective January 12, 1994.

**Original Deficiencies:**

1. *Plates 26 and 28 do not show coal seam isopachs as stated in the title blocks and as shown on Plates 26 and 27 in the currently approved plan, the maps being replaced.*

Notes were added to Plates 26 (lower Sunnyside Seam) and 28 (Gilson Seam) giving the coal thickness. Contour lines were not considered effective in conveying the thickness information. Movable coal in the lower Sunnyside seam is greater than 4 feet and less than 5 feet thick. All remaining reserves in the Gilson seam are between 6 feet and 8 feet in thickness.

2. *In the submitted material there is no new Page xx to be added to the Table of Contents and no new page 213, Volume II Table of Contents, to replace the one in the current plan, although these are listed on the Detailed Schedule of Changes.*

The new pages were not actually needed.



3. *The line "The portal mine pads consist of approximately" has been omitted at the top of page 89.*

This typographical error was corrected.

4. *On pages 193 - 195 of the MRP, language needs to be updated to indicate the effects of longwall mining, rather than room and pillar mining, on subsidence and the Subsidence Control Plan.*

Pages 193 to 197 of the Subsidence Control Plan section were rewritten to update the language and to respond to deficiencies that were identified by Wayne Western in his review of the initial application for permit change.