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State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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April 12, 1996

Mike Glasson, Sr. Geologist  
Andalex Resources, Inc.  
6750 Airport Road  
P. O. Box 902  
Price, Utah 84501

Re: Midterm Permit Review, Andalex Resources Inc., Centennial Project, ACT/007/019,  
Folder #2, Carbon County, Utah

Dear Mr. Glasson:

As you are aware a midterm review has been conducted on the Centennial Project permit. Andalex has been responsive in correcting the deficiencies that were identified in the review. Your last submittal, dated February 5, 1996, has been determined to be acceptable and is hereby approved for insertion to your plan.

With approval of the February submittal all of the deficiencies are now considered to be addressed with the exception of two deficiencies associated with maps of the fan portal breakout area. The enclosed excerpt from the Technical Analysis discusses the deficiencies. Please review it carefully. Andalex must provide the required maps in order to bring the Centennial plan into conformance with the regulatory requirements. Please provide them by no later than May 10, 1996.

If you have any questions please call me or Jim Smith.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock  
Permit Supervisor

Enclosure

cc: J. Smith  
P. Grubaugh-Littig  
S. Demczak

MIDMAPS.CEN



## TECHNICAL ANALYSIS

Last revised - February 27, 1996

### MAPS, PLANS, AND CROSS SECTIONS

Regulatory Reference: UCA R645-301-512 and 521.100 (30 CFR Sec. 784.23)

#### Analysis:

The location of the permit boundary at the left fork fan is not clear from maps in the MRP. Although the primary purpose of Plates 2, 3, 26, 27, and 28 is not to show the permit area boundary, information on those plates includes the permit area boundary. The permit area boundary shown on Plates 2, 3, 26, 27, and 28 is not as currently approved but rather as it was before the left fork fan was added. Plates 1 and 29 are the only maps in the current MRP on which the permit boundary includes the left fork fan pad, and they show it with slight differences and at small scales. (Plate 4, Centennial Project Leases, is not intended to show the permit boundary at all but does show the BLM Right-of-Way 64158 where the left fork fan and the ancillary road are located.)

No map could be found that shows the disturbed area boundary at the left fork fan. Plate 5 shows the disturbed area boundary at the mine portal area but has no information on the left fork fan area. Plate 1 shows an approximate outline of the permit/disturbed area boundary at the left fork fan at a 1:24,000 scale, but there is no map at a scale of 1:6,000 or larger that shows the detail of the disturbed area boundary.

#### Findings:

This portion of the mining and reclamation plan is complete and accurate with the following exceptions:

- 1) The Operator has not updated Plates 2, 3, 26, 27, and 28 to show that the permit boundary now includes the disturbed area associated with the fan portal breakout.
- 2) The MRP does not include a map at a scale of 1:6,000 or larger that shows the disturbed area boundary at the fan portal breakout.