



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

Internal  
0070033  
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August 1, 1997

TO: File

THRU: Daron Haddock, Permit Supervisor *DORH*

FROM: Wayne Western, Senior Reclamation Specialist *W+W*

RE: Wildcat Bond Calculations, Andalex Resources, Inc., Wildcat Loadout, ACT/007/033, File #2, Carbon County, Utah

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The Division reviewed the reclamation cost estimate received from the Permittee on July 21, 1997. The Division agreed with the Permittee that the Means concrete demolition costs are higher than we would normally expect on a project of this size. The Division calculated concrete demolition costs using an excavator with a hydraulic hammer and a support crew. The Division unit cost for concrete demolition is \$61.00 per cubic yard compared with Means of \$118 per cubic yard and the Permittee unit cost of \$17.08 per cubic yard.

The Division also included several indirect cost items that the Permittee omitted from their cost estimates. The Division used the indirect costs recommended in the OSM handbook for reclamation cost estimates.

The Division determined the reclamation bond amount for the Wildcat Loadout to be \$869,000.