



0008
STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

File Act/007/033 #2
Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

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October 5, 1987

TO: John Whitehead, Permit Supervisor
FROM: James R. Fricke, Reclamation Hydrologist *JRF*
RE: Sediment Pond Inspection Amendment, Andalex Resources,
Wildcat Loadout, ACT/007/033-87A, Folder #2, Carbon County,
Utah

The operator has submitted a third response to amend the sediment pond inspection from weekly to quarterly frequency. The Division has requested that the pond inlets be protected for erosion before the amendment is approved.

Previously, the operator intended to utilize "boney" as riprap protection on the pond inlets. The operator has opted to use 24 inch half-round culvert as pond inlet protection. This reviewer finds this an acceptable methodology; however, the written description of the half-round installation is not adequate.

Division inspector Bill Malencik has noted erosion problems that may occur at the inlet ditch/half-round culvert transition. Erosion protection should be provided at all transition areas. A riprap keyway must be installed perpendicular to all inlet aprons. The keyway must be 24 inches deep, 24 inches wide, and extend into the ditch banks. A granular filter blanket of two-inch minus gravel road base, six inches deep, must be installed in the bottom of the keyway. Six-inch median diameter well-graded durable riprap should be placed over the granular filter to the level of the ditch and culvert apron.

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