



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

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September 13, 1999

TO: File

THRU: Daron Haddock, Permit Supervisor *DORH*

THRU: Pam Grubaugh-Littig, Permit Supervisor *PGL*

FROM: David Darby, Senior Reclamation Specialist *[Signature]*

RE: Phase II Bond Review, Retain Undisturbed Runoff Culverts Post Mining,
UtahAmerican Energy, Inc., Horse Canyon Mine, ACT/007/013-AM99A, File #2,
Carbon County, Utah

SUMMARY:

An amendment was received from UtahAmerican Energy, Inc. on August 19, 1999 providing information changes to Page IV-16A and map, DWG II-4C. The information proposes to retain five culverts, which cross under the county road. The information presented with this submittal is similar to the information already approved in the MRP, March 17, 1995.

UtahAmerican Energy contracted with EarthFax Engineering, Inc. to submit runoff routing plans for Phase II bond release. Plans were submitted on June 19, 1999 which showed designs to remove Culvert #1. Those plans were recommended for approval by Susan White, but had not been approved as part of the final Phase II bond release document. The final approval for the Phase II bond release document was being held contingent to the final Phase II bond release inspection and redress of any outstanding issues.

During the Phase II Bond Release field review the culvert change issue was discussed. The applicant seemed unaware of the culvert changes proposed in the July 19, 1999 submittal.

Reclamation Culverts
Horse Canyon Mine
ACT/007/013AM99-A
September 9, 1999

TECHNICAL ANALYSIS:

RECLAMATION PLAN

**MAPS, PLANS, AND CROSS SECTIONS OF RECLAMATION
OPERATIONS**

Regulatory Reference: R645-301-521

Analysis:

The August 19, 1999 essentially negates the submittal of July 19, 1999. The plans to retain the culverts after the reclamation phase have already been proposed and approved in the March 17, 1995 submittal.

Findings

The applicant has submitted information in the MRP and the amendment dated August 19, 1999 to describe post reclamation designs for culverts crossing the county road in Horse Canyon.

RECOMMENDATION

It is recommended that this August 19, 1999 submittal be accepted as an amendment to the original plan. The map and information on Page IV-16A should be adopted and incorporated as an update to the MRP.