



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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August 16, 1988

TO: Susan Linner, Permit Supervisor

FROM: Lynn Kunzler, Reclamation Biologist *LK*

RE: Review of Final Revegetation Plans, Blazon Mine, ACT/007/021, Folder #2, Carbon County, Utah

## Summary:

North American Equities plan to finalize reclamation at the Blazon #1 mine submitted August 10, 1988 has been reviewed for adequacy regarding revegetation of the site. Several concerns were noted and need to be addressed before reclamation commences.

## Analysis:

The monitoring plan on page 48 for the riparian vegetation needs to include productivity monitoring for years 4 and 5.

Figure 20, Mine Reclamation Sequence and Timetable does not show when mulching will occur, and apparently indicates that shrub planting will occur this fall. This needs to be revised to show that mulching will occur after seeding and that shrub planting will be done early spring.

General revegetation of the site in this submittal refers to the approved MRP. This submittal does not address concerns enumerated in my February 23, 1988 review memo of the approved MRP (copy attached). These comments are still valid and need to be addressed.

## Recommendations

The above concerns need to be addressed prior to commencing reclamation activities.

cc: R. Hardeh  
1414R/48

February 23, 1988

TO: File

FROM: Lynn Kunzler, Reclamation Biologist 

RE: Review of North American Equities' Blazon Mine Final Reclamation Plan, ACT/007/021, Folder #2, Carbon County Utah.

There are two topics of concern that need to be corrected in the MRP prior to commencing with phase 1 reclamation activities this spring. With the clarifications and corrections listed below, the plan will be technically adequate for revegetation.

UMC 784.13 Revegetation: General Requirements - lk

(b)(5)(iv) - Mulching

Figure 2 (page 9) entitled Reclamation Schedule, shows mulching and crimping activities prior to seeding and planting. Please revise this table to show that seeding is to be done prior to mulching and crimping and that planting seedlings would be done after mulching.

The first paragraph under the title mulching on page 38 contradicts itself as to the sequence of seeding and mulching. Please correct this paragraph to clarify that all areas will be seeded prior to mulching activities.

(b)(5)(vi) - Standards for Success

The reclamation monitoring as outlined on page 39 shows a ten-year monitoring plan for a proposed five-year liability period. Please modify the monitoring plan by eliminating the proposed 5th year monitoring and changing the 9th and 10th years monitoring to the 4th and 5th years monitoring respectively.

cc: S. Linner

R. Harden

1414R/9