

July 3, 1984

Inspection Memo
to Coal File:

RE: Blazon Mine
North American Equities
ACT/007/021, Folder #7
Carbon County, Utah

DATE: June 20, 1984
TIME: 10:30 a.m. - 1:00 p.m.
WEATHER: Partly Cloudy
COMPANY OFFICIALS: Dee Hunsaker
STATE OFFICIALS: Sandy Pruitt, Tom Wright
ENFORCEMENT ACTION: NOV 84-2-10-3

Compliance with Permanent Performance Standards

UMC 771 et el Permits

The following information regarding Blazon Mine was examined at the Division of Oil, Gas and Mining Office:

1. A August 25, 1983 letter for the Division authorizing water sampling by Blazon during the first two weeks of June, last two weeks of July and the last two weeks of September.
2. A July 3, 1980 letter from the Division granting final approval to commence mining under the interim program.

UMC 817. 11 Signs and Markers

A sign identifying the mine was posted on the mine access road next to the entrance gate. Topsoil piles were posted with identification signs. Perimeter and buffer zone markers were present.

UMC 817.21-25 Topsoil

Three topsoil storage piles are located on the permit area. The first stockpile is located on the upper end of the mine pad near a gravel storage area. The stockpile has drainage control consisting of a berm surrounding the lower side and tying into the slopes on the upper end. A good cover of vegetation is standing on both the stockpile and the berm. The second stockpile located above the refuse storage area has adequate drainage control by a berm around the base and fair vegetation. The third stockpile located on the lower end of the pad on a slope above the sediment ponds has no erosion controls and the south end has been contaminated by coal fines.

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As a result, NOV 84-2-10-3, #1 of 3 was issued and reads as follows:

Nature of the Violation

Failure to protect stockpiled topsoil from wind or water erosion and failure to protect topsoil from contaminants which lessen the capacity of materials to support vegetation.

Provision of the Regulations Violated

UMC 817.23(a)
UCA 40-10-17(2)(e)

Portion of the Operation to which the Notice Applies

The topsoil stockpile located above the sediment ponds.

Remedial Actions

- (1) Remove the contaminants.
- (2) Construct a berm around the storage pile

Time for abatement

2 weeks or no later than July 9, 1984

UMC 817.41 -.52 Hydrologic Balance

The two sediment ponds which work in a series were examined and found to have a slight level of water standing in both. The discharge pipe for the lower pond was under the water level of the stream on this date, however, no discharge was occurring.

Pond embankments appeared in good shape with vegetative cover and the emergency spillways were properly riprapped.

Two breaches were found in the berms for control of surface drainage from the disturbed area on the mine pad. The first, (breach A) was located on the gravel storage pad just north of the main topsoil stockpile. The second, (breach B) was located at the diesel fuel tank pad. Any drainage leaving through these would flow directly into Mud Creek.

Also, the operator was warned of other locations on the mine yard area where the berm had not breached but was in need of maintenance to prevent potential violations from occurring.

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As a result of the two breaches NOV 84-2-10-3, #2 of 3 was issued and reads as follows:

Nature of the Violation

Failure to pass all surface drainage from the disturbed area through a sediment pond or treatment facility.

Provision of the Regulation Violated

UMC 817.42 (a)(i)
UMC 817.45
UCA 40-10-18 (2)(i)(ii)

Portion of Operation to which the Notice Applies

Area A Gravel storage pad north of main topsoil pile
Area B Diesel fuel tank pad next to inlet of the middle Mud Creek culvert.

Time for Abatement

Two weeks or no later than July 9, 1984

UMC 817.52 Surface and Groundwater Monitoring

Water sampling was required to be done by Blazon during the first two weeks of June, however, as of June 27, 1984, no sampling has been done since September 17, 1983.

As a result NOV 84-2-11-1, #1 of 1 was issued and reads as follows:

Nature of the Violation

Failure to conduct water monitoring in accordance with the approved monitoring program.

Provisions of the Regulation Violated

UMC 817.52 (b)
UMC 771.19

Portion of the Operation to which the Notice Applies

Water quality measurements to be taken at spring and stream sites during the first two weeks of June.

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Remedial Action Required

1. Obtain June Samples for analysis of required parameters
2. Implement the monitoring schedule by taking the required measurements during the last two weeks of July.

Time for Abatement

1. No later than July 1, 1984
2. No later than July 31, 1984

Submit results as soon as they are available

UMC 817.99 Slides and other Damage

The Scofield area has been subject to problems with slides during 1984 and two problem areas exist at this time on the Blazon mine site.

The first area of concern is the pad for the mine portals. In the past water has stood on this area saturating the fill and causing the development of tension cracks on the slopes. At present there is a noticeable slump on the crest of the portal pad. Improvements in drainage controls are necessary to prevent slope failure.

The second area is located above the mine refuse storage area on both sides of an undisturbed drainage that passes by culvert under the pad. Some slumpage has occurred in the past in the drainage closing the culvert. At present the culvert is clear but a real danger exists that slides can close off this drainage, as the slide is too active for work. Both areas bear close watching and need to be examined by an engineer so that preventative actions can be planned and undertaken when it is safe to work on these.

UMC 817.131 Cessation of Operation (Temporary)

During January, 1982, North American Equities notified the Division that the Blazon Mine would be inactive and in July, 1983 the Division was notified that the inactive status of the mine would continue.

North American Equities is continuing the permitting process while attempting to sell this site. There is no work on going other than limited maintenance of the site.

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UMC 817.150 - .176 Roads

Problems exist with the Class I Mine access road. The road bed especially on the lower end has been subject to erosion. Gullies have cut down in the road surface, washing material into the stream. The slope of the road dips outward toward the stream instead of inward to the collection ditch as required. This allows additional sediment to enter the stream. The collector ditch located next to the hillside has been blocked by slumpage from the hill. This is preventing proper flow of the drainage to the cross culverts.

As a result NOV 84-2-10-3, #3 of 3 was issued and reads as follows:

Nature of the Violation

Failure to maintain the Class I road to control erosion and minimize additional contributions of sediment to streamflow.

Provisions of Regulation Violated

UMC 817.150 (a)(b)
UMC 817.155 (a)
UCA 40-10-17 (2)(q)

Portion of the Operation to which the Notice Applies

Mine access road

Remedial Action Required

Regrade road to slope to inside ditch; remove slumpage from ditch

Time for Abatement

Two weeks or no later than July 9, 1984

Tom Wright
Mining Field Specialist

TW:re

cc: Jodie Merriman, OSM
Allen Smith, North American Equities
Joe Helfirch, DOGM
Sue Linner, DOGM
Sandy Pruitt, DOGM

Statistics:

Vehicle: EX 49711, 369 miles
Per Diem: no per diem
Grant: A&E
92530-10-14