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State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

DAZ
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INSPECTION REPORT

INSPECTION DATE & TIME: July 11, 1990
1:00 pm to 3:30 pm

Permittee and/or Operators Name: North American Equities (NAE)(415)866-7186
Operator's Representative: %William Prince; Holme, Roberts & Owen(801)521-5800
Business Address: 50 S. Main Street, Salt Lake City, UT 84114
Mine Name: Blazon #1 Mine Permit Number: INA/007/021
Type of Mining Activity: Underground Surface Other
County: Carbon
Company Official (s): None
State Official(s): Randy Harden, Rick Summers, Henry Sauer
Partial: X Complete: Date of Last Inspection: June 14, 1990
Weather Conditions: Clear, warm
Acreage: Permitted 320 Disturbed 1.5 Regraded Seeded Bonded 1.5
Enforcement Action: NOV's N90-13-3-1 and N90-13-4-1

COMPLIANCE WITH PERMITS AND PERFORMANCE STANDARDS

	YES	NO	N/A	COMMENTS
1. PERMITS	()	(X)	()	(X)
2. SIGNS AND MARKERS	()	()	()	()
3. TOPSOIL	()	()	()	()
4. HYDROLOGIC BALANCE:				
a. STREAM CHANNEL DIVERSIONS	(X)	()	()	(X)
b. DIVERSIONS	(X)	()	()	(X)
c. SEDIMENT PONDS AND IMPOUNDMENTS	(X)	()	()	(X)
d. OTHER SEDIMENT CONTROL MEASURES	(X)	()	()	(X)
e. SURFACE AND GROUNDWATER MONITORING	()	()	()	()
f. EFFLUENT LIMITATIONS	()	()	()	()
5. EXPLOSIVES	()	()	()	()
6. DISPOSAL OF DEVELOPMENT WASTE AND SPOIL	()	()	()	()
7. COAL PROCESSING WASTE	()	()	()	()
8. NONCOAL WASTE	(X)	()	()	(X)
9. PROTECTION OF FISH, WILDLIFE AND RELATED ENVIRONMENTAL VALUES	()	()	()	()
10. SLIDES AND OTHER DAMAGE	()	()	()	()
11. CONTEMPORANEOUS RECLAMATION	()	()	()	()
12. BACKFILLING AND GRADING	()	(X)	()	(X)
13. REVEGETATION	()	()	()	()
14. SUBSIDENCE CONTROL	()	()	()	()
15. CESSATION OF OPERATIONS	()	()	()	()
16. ROADS				
a. CONSTRUCTION	()	()	()	()
b. DRAINAGE CONTROLS	()	()	()	()
c. SURFACING	()	()	()	()
d. MAINTENANCE	(X)	()	()	(X)
17. OTHER TRANSPORTATION FACILITIES	()	()	()	()
18. SUPPORT FACILITIES				
UTILITY INSTALLATIONS	()	()	()	()

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(Comments are Numbered to Correspond with Topics Listed Above)

1. PERMITS

Subsequent to information provided in objections made by Jack Otani regarding bond release, portions of the disturbed area were found to be outside of the disturbed area boundary as indicated in the drawings in the approved reclamation plan. This area includes the cut slopes of the access road to the mine site. The currently approved drawings indicate that the disturbed area boundary stops on the west side of the road at the drainage ditch. However, perimeter markers remaining on the site are placed at the top of the cut slopes along the west side of the mine access road clearly indicating that the area was considered to be within the disturbed area boundaries during mining operations. Failure to include this area can be considered an oversight on the part of the Division to include this area within the approved disturbed area boundary. Regardless, the area must be incorporated into the disturbed area boundary and the reclamation plan for the Blazon #1 Mine.

NOV N90-13-3-1 was written to include the cut slope areas along the west side of the mine access road in the disturbed area boundary. The operator will be required to revise drawings of this area accordingly and to include these slopes in the reclamation plan.

4. HYDROLOGIC BALANCE

a. STREAM CHANNEL DIVERSIONS

Culvert A removal and stream channel restoration was inspected and found to be functioning properly. Upstream sediments have begun to fill void spaces in the riprap material and more of the channel flow is now occurring over the riprap material rather than through it.

b. DIVERSIONS

All diversions located on the site were found to be operative. Some sloughing of the cut slope above the lower pad has filled into the diversion along the perimeter of the pad and should be cleaned out. Similarly, Ditch B on the lower pad and immediately below the portal pad slope has also accumulated some sediment and should be cleaned prior to the next inspection.

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c. SEDIMENT PONDS AND IMPOUNDMENTS

Very little water was contained within the sediment pond. The extension of the primary spillway was inspected by R. Summers to determine whether or not the dimple band used in its construction was interfering with the operation of the oil skimmer device. It was determined that the oil skimmer was set sufficiently below the joint in the riser where the dimple band had been utilized so as not to interfere with the effectiveness of the oil skimmer. Although a small trickle of water could pass through the connection prior to the water level reaching the elevation of the primary spillway the amount of flow would be considered insignificant.

Flow lines found in the barrel of the principle spillway as pointed out by Mr. Otani could have been made as a result of the culvert's use prior to relocation and construction of the current spillway. Because the level of the water was too low to determine if leakage had occurred or will occur, the facility will be monitored by the Division when the pond level is sufficient to determine whether or not the barrel of the principle spillway is leaking or not.

d. OTHER SEDIMENT CONTROL MEASURES

Straw bales and silt fences installed on the site were generally found to be in good repair and in working order. However, some of the straw bales located along the main access road have accumulated sufficient sediment behind them to warrant replacement. These bales should be replaced as necessary prior to the next inspection. Some sections of the silt fencing have also partially slipped down on the roof bolts supporting the silt fence and should be re-tied or raised prior to the next inspection by the Division.

8. NONCOAL WASTE

Scattered noncoal materials were found on the site consisting of pvc pipe, cable, rebar, iron scraps, pipe, cables, glass and miscellaneous trash. Although the amount of this type of material is relatively small, it does present an eyesore to the site and the overall esthetics of the reclamation. The operator needs to collect the visible trash and litter and remove it to an approved landfill. This is considered as a maintenance requirement of the site and should be accomplished prior to the next site inspection.

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12. BACKFILLING AND GRADING

On July 17, 1990, following on site inspection of the Blazon #1 Mine, an oversite inspection of the site was made by OSM representatives Hord Tipton, and Robert Hagen. This site inspection was in consideration of outstanding issues on TDN #89-02-116-002. Division representatives included Dianne Nielson, Lowell Braxton, Mary Ann Wright, Bill Mallencik and Randy Harden. Landowner Jack Otani and his counsel, Keith Chiara were also present on site during the visit. Subsequent to the visit, OSM will provide written findings as to the outcome of their review early in August.

However, initial conclusions made by OSM and the Division as a result of the onsite review determined that the highwall area of the portal pad and the portal access road were unstable and did not meet the requirements of R614-301-553, Backfilling and Grading. Although written comments regarding the adequacy of the Division's TDN response have not been made by OSM, the Division has determined that a violation with regard to R614-301-553 has occurred and consequently NOV N90-13-4-1 has been written regarding the disposition of the existing highwall.

16. ROADS d. MAINTENANCE

The mine access road to the site requires additional maintenance. Some braiding and erosion has occurred on the road surface immediately across from the sediment pond area. The effects are not such that they currently affect the drainage and sediment control developed for the site but do need attention so that such affects will not occur. Regrading of the road in that area, and, to a lesser extent in other areas on the road should be accomplished by the operator to maintain drainage control for the roads. The operator needs to regrade and repair these areas prior to the next site inspection.

Copy of this Report:

Mailed to: Brian Smith - OSM, Mr. William Prince - Holme, Roberts & Owen

Given to: Joe Helfrich - DOGM, Daron Haddock - DOGM

Inspectors Signature and Number: #13



Date: July 26, 1990