

MEMO TO COAL FILE:

November 16, 1981

RE: Blazon Mine  
Blazon Company  
ACT/007/021  
Clear Creek, Carbon County, Utah

A partial inspection was conducted at the Blazon minesite November 11, 1981, by Jean Doutre, reclamation officer of the Division of Oil, Gas, and Mining, accompanied by Kirk Harvey, Engineer for Blazon Company. A walk over the entire minesite area was made to observe any concerns and new developments since the last inspection.

1. The class III road up to the switchback and along the slope to the waste disposal site needs regrading in two places and should be revegetated again in the spring.

2. Topsoil has been stockpiled in the canyon area above the mine development and waste disposal area. A drain and berm has been built around the base and straw bales retain any sedimentation eroded from the stockpile. The area is sheltered by trees. Another topsoil stockpile has been stored near the top end of the road going up Mud Creek Canyon. This has a drain ditch around it and has a berm to prevent soil loss from the area, and is similarly shaded by trees. Both piles are sloped and graded and well marked by topsoil marker signs.

3. The undisturbed canyon area above the minesite, has a 24 inch diversion culvert to carry natural drainage runoff through the mine waste fill material down to the lower pad, under the tippie to discharge into Mud Creek.

An 8 inch culvert pipe with inlet structure has similarly been run from the upper road down through the mine waste material to carry runoff from the disturbed area down to the toe of the mine waste pile to discharge into a ditch along the highwall beside the tippie, and drain into the ditch leading to the sediment ponds. Sedimentation from the highwall continues to collect in the ditch and it might be necessary to culvert the area past the tippie area to prevent continued cleaning of the ditch unless vegetation can be established to hold the bank.

4. Runoff from the portal area and upper pad collects in a depression about 100 feet east of the mine waste disposal area. This will be channeled into an 8 inch pipe down to the drainage ditch beneath the high wall. This requires an inlet structure at the top, and an energy dissipating structure at the bottom to stop erosion. Plans are being submitted to the Division by Blazon Company by December 1, 1981.

The mine waste disposal site is almost filled and sufficient waste material has been pushed up beyond the road to complete the fill shaping and grading.

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Stipulation 5-81-4 states that "the applicant must build a rock toe buttress along the entire length of the toe in accordance with No. 1" plan. This must be accomplished before final completion of the fill.

Stipulation 5-81-8 states that "the applicant must grade and fill to meet existing contours; and surfaces of the fill should be planted as soon as practical with native vegetation, to minimize erosion."

Stipulation 5-81-3 states that "the slopes above the rock toe buttress are not to exceed 1 3/4V, and the top of the fill graded to approximately 1V:20h (5 percent) toward the outslopes with cross slopes of between 1 and 2 percent to minimize erosion in the direction of the outslope."

A new site for mine waste disposal must be found soon. Kirk Harvey and Jean Doutré visited the site of the Clear Creek Mine strip pit. He has presented a plan to Valley Camp of Utah in regard to using part of this area for mine waste disposal, as it is presently disturbed, and no new area would have to be opened. It is less than three miles from the Blazon Mine. However, this is still in litigation regarding the reclamation of the site.

  
JEAN LESTER DOUTRE  
RECLAMATION OFFICER

JLD/tru/er

cc: Tom Ehmeft, OSM  
Kirk Harvey, Blazon Company  
Inspection Staff

Statistics:  
2 days, 8-hours  
Per diem 77.47, 1 person  
Ex 71912-361 miles  
Grant A and E