0014

June 11, 1985

TO: Coal File

FROM: Tom Munson, Reclamation Hydrologist TM

RE: May 16, 1985 Trip, Beaver Creek Coal Company, Gordon Creek #2 and #7 Mines, ACT/007/016, #7, Carbon County, Utah

The following people (Dave Cline, Rick Summers, Joe Helfrich, Tom Munson and Ev Hooper) from the Division of Oil, Gas and Mining attended a field trip to Beaver Creek Coal Company's Gordon Creek #2 and #7 Mines. The trip was put together to assess the environmental problems associated with the new construction at the #7 Mine and a coal fines migration problem at the #2 Mine.

The following areas of concern were identified at the #7 Mine.

Adjacent and Above #7 Mine Pad

1. Erosion of the headwall above the portals from spring water.

2. Placement of the outlet culvert from the sediment pond at the #7 Mine.

3. Placement of riprap in the undisturbed diversion below the topsoil stockpile.

4. Placement of riprap in the undisturbed diversion where it intercepts an undisturbed drainage south of the topsoil stockpile.

Below the #7 Mine Pad, Above the #2 Mine Pad

1. Stability of the sloughed fill adjacent to the #7 conveyor transfer point.

2. Installation of a half-round culvert and flexible black plastic culvert from below the topsoil stockpile to the base the sloughed soil material adjacent to the #7 conveyor transfer point.

3. Erosion from the ditch below the conveyor into the undisturbed Bryner Canyon drainage.

4. Erosion from the slopes below the access road to the #7 Mine into the Bryner Canyon undisturbed drainage including the sloughed soil material adjacent to the #7 conveyor transfer point.

5. Placement of gabion structures in the undisturbed drainage ditch below the conveyor belt and also at the outlet of the road drainage culverts.

6. Placement of a stock pond in the Bryner Canyon undisturbed drainage just above the #2 Mine site.

7. The coal stockpile associated with the #7 Mine production and its management with regards to air-borne coal fines entering the undisturbed drainage at the #2 Mine.

All these areas were looked at closely and various suggestions were made by Division personnel regarding potential solutions. The major points of discussion centered around the undisturbed drainage in Bryner Canyon and it being protected by some means, either culverting the entire drainage or collecting it in a sedimentation pond at the site of the existing stock pond. Suggestions were made by everyone regarding each of the individual problem areas. The operator agreed to take these suggestions and assimilate these into proposed treatment actions for the above-mentioned areas.

btb
cc: Dan Guy
Mark Humphrey
Dave Cline
Joe Helfrich
John Whitehead
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