0026

FILE COPY

STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

March 11, 1986 #2

TO: Memo to File

FROM: Dave Cline, Reclamation Hydrologist DJC

RE: Site Tour of Hardscrabble Canyon, Price River Coal Company, Price River Complex, ACT/007/004, Carbon County, Utah

On March 10, 1986, Joe Helfrich, Rick Summers and Dave Cline toured the existing surface facilities in Hardscrabble Canyon. We were joined by Ken Hutchinson of the Price River Coal Company and Dave Miller of Amax. The three areas of concern were the proposed parking area for the surface facility modification, diversion D-6, and sedimentation pond 009. No form of sedimentation control or treatment has been proposed for the proposed parking area. Control and treatment of sediment appeared feasible by routing the runoff from the parking area into the disturbed diversion that reports to pond 009. Diversion D-6 was walked from pond 009 to pond 008. The purpose of walking the diversion was to determine the amount of bedrock exposed in the channel and therefore determine the extent that the diversion will have to be rip rapped. The diversion, as it currently exists, is full of coal chunks, coal fines, sand and litter. Approximately sixty feet of the channel is actually excavated into bedrock. The berm on the north side of the diversion is composed of poorly compacted fill and coal spoil material. Sedimentation pond 009 was the last area to be looked at during the site tour. The purpose of the pond review was to determine the feasibility of diverting runoff from the proposed parking area into the pond and to verify the existence of pipng or other problems with the pond. A small amount of clay material has benn placed on the upstream face of the upper pond to prevent piping. Pond 009 has been constucted in coal spoil material. Alternative sites for the pond are possible approximately one half mile below the present pond site and possibly at the east edge of the property line. These alternatives were looked at in case of the need for enlarging the pond due to an increase of runoff from the proposed parking area and stability problems associated with the present pond constuction.

0713R