

0031

June 1, 1982

Memo to Coal File:

RE: Crandall Canyon
Sediment Pond Modification
Carbon County, Utah
007/004

On May 21, 1982, Sally Kefer, Wayne Hedberg and Dave Darby of the Division of Oil, Gas and Mining, met with Steve McNeal of Water Pollution Control and Mr. Rob Wiley of Price River Control Company along with representatives of Hilfiker and Baker Engineers. The meeting emphasized the use of a Hilfiker welded wire retaining wall as an embankment structure for the proposed relocated sedimentation pond. Essentially, the wall will provide an 18 feet wide embankment structure which narrows to 8 feet at the eastern edge. Eighteen feet horizontal welded wire mats are laid with 18 inch lifts of native materials compacted to 90 percent density. The wall will be approximately 16 feet in height.

The face of the retaining wall is vertical welded wire netting which borders the Crandall Creek stream channel. Plans for seeding this wall have been made.

The Division is currently reviewing the modified sedimentation pond which is to be enlarged and relocated. Questions have been raised on the stability of this structure and capability for use as an embankment on an impoundment. Mr. Wiley gave the Division of Oil, Gas and Mining representatives a number of technical documents on the stability of the Hilfiker wall which will be considered in the review.

SALLY KEFER *SK*
RECLAMATION HYDROLOGIST

SK/mn

cc: Tom Tetting

Statistics:

Vehicle: #EX 5429--250 miles

Grant: A & E