



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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August 13, 1999

Johnny Pappas, Sr. Environmental Engineer  
Castle Gate Holding Company  
847 Northwest Highway 191  
Helper, Utah 84526

Re: Problems with Backfilling and Grading at Hardscrabble Canyon, Castle Gate Holding Company, Castle Gate Mine, ACT/007/004, Folder #3, Carbon County, Utah

Dear Mr. Pappas:

The Division has inspected the backfilling and grading work recently done at the Hardscrabble Canyon site. There seems to be one location at the site that appears to have some stability problems. This is around the upper ledge area near the gate. The enclosed memo describes the problem area more fully. Since obtaining stable slopes is a requirement for phase I bond release it is suggested that additional work be done in this area to ensure that the backfilling and grading requirements have been completely met. Reclaimed slopes must have erosion minimized and must maintain a minimum static safety factor of 1.3.

If you have any questions regarding the requirements please contact Senior Reclamation Specialist, Wayne Western at (801) 538-5263.

Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock". The signature is written in a cursive style with a large, prominent initial "D".

Daron R. Haddock  
Permit Supervisor

tm

enclosure

cc: Wayne Western

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