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TO: File

FROM: David Darby, Geologist 

RE: Mid-Term Permit Review Deficiencies, Price River Complex, Castle Gate Coal Company, ACT/007/004, Folder No. 2, Carbon County, Utah.

Summary

A deficiency review has been completed on Castle Gate Coal Company's (CGCC) approved mining and reclamation plan. Updated copies of the MRP were submitted by CGCC on April 28, 1988. The deficiencies essentially are the same as previously stated in deficiency comment letter sent to the operator on December 24, 1987.

The following is a list of deficiencies that need to be addressed before the MRP can be considered complete.

UMC 783.24(c) General Requirements

The MRP should contain a schedule of the planned mining sequence for each seam. This information should be illustrated (in years) as blocked out areas on mining maps. The mine plan should also reflect the type of mining planned for each area (UMC 784.20(a)).

UMC 783.25(e) Cross-Sections, Maps and Plans

Larger scale mine maps should be submitted that show more detail of active, inactive and planned mining areas. Maps should be legible and have a scale of about 1 inch = 400 feet. The information requested under UMC 783.24(c) can be placed on this map for convenience (also see UMC 771.23(e)).

The geologic map (Exhibit 6-1) should show all coal outcrops and portray the attitude (strike and dip) of the formations on the property.

The mine plan should contain a map(s) showing abandon or old underground mine working adjacent to and on the minesite.

a. An amendment was recently submitted requesting to place slurry in an abandon mine. These workings were not identified on any of the previously submitted mine maps. The applicant should ensure that all old and abandon workings are shown on mine maps.

All maps should be reviewed and updated to ensure that all legends portray the symbols that appear on the maps, and that the symbols on the maps appear in the legend. Maps should be of sufficient size to make symbols legible. As an example, Exhibit 6-2 needs a legend, should identify the type of drill holes and should be of better quality to show contour lines.

UMC 784.20 Subsidence Control Plan

Figure 3.1-1 is illegible. The subsidence control plan is based on the data that is suppose to be provided in this table. Without this information the subsidence control plan cannot be verified.

cc.
B-team

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