

Determination of Completeness

This monitoring point was adequately addressed in the Vaughn Hansen summary.

Well B-43 is slated as a ground water monitoring well in Crandall Canyon. The modification plan states that a summary on the well water quantity and quality is in Exhibit 6-12 yet there is no such exhibit in either this or the Price River Complex Plan. Submit available data on quantity and quality of ground water flow, gradient of flow and direction of flow. From what formation(s) do the spring B-22 and ground water B-43 issue? B-43 is not portrayed on the map of Crandall Canyon. Provide its location.

Determination of Completeness

The applicant has adequately addressed these concerns in the Vaughn Hansen Summary.

UMC 784.20 Subsidence Control Plan

Exhibit 3-4 indicates the presence of the C_w seam in the Crandall Canyon vicinity. No dates or plans for mining were located in the mine plan. Exhibit 3-7 also indicates a seam, Sub I that has no mining sequence given either. This is located directly west of the proposed shaft locations. No dates are provided for extraction of coal from the A seam in Exhibit 3-6. A timed sequence of mining should be provided indicating these areas of overlap and include the Sub 3 and D seams to enable the Division to assess possible subsidence factors. A cross-section profile with approximate dates would be adequate.

Determination of Completeness

The applicant has stated that the preceding questions and comments were answered during the July 17, 1981, meeting with the Division or were deleted to be addressed with the main mine plan. This is correct; it is assumed that adequate cross sectional profiles are being drafted in preparation for the impending complex mine plan review.

784.23(7)

The applicant must show that the fill materials will meet a 1.5 static safety factor for steepest slopes shown.

Determination of Completeness

Applicant has stated that the only portion of the fill area that will not be bounded by a retaining wall or a natural slope is the toe area of the fill. The steepest slope for the toe area of the fill is 1v:2h. A maximum slope of 1v:2h complies with UMC 817.72(g).