

PRO/043/008
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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

December 15, 1986

FILE COPY

Mr. Richard Blonquist
Summit Coal Company
P. O. Box 646
Coalville, Utah 84017

Dear Mr. Blonquist:

Re: Determination of Completeness, Mining and Reclamation Plan,
Boyer Mine, PRO/043/008, Folder No. 2, Summit County, Utah

The Division has reviewed Summit Coal Company's response received November 28, 1986 to the Determination of Completeness Review of November 12, 1986. The application has been found to still be incomplete, as outlined in the attached review document. Technical deficiencies are also included in the review.

Please contact me or Susan Linner if you have questions.

Sincerely,

L. P. Braxton
Administrator
Mineral Resource Development
and Reclamation Program

SCL:jvb
Attachment
cc: D. Guy
B Team
0028R-97

Determination of Completeness
Summit Coal Company
Boyer Mine
PRO/043/008
Summit County, Utah

December 16, 1986

UMC 782.13 Identification of Interests - DL

(a)(2) The applicant must state whether or not any underground coal mining activities are going to take place in that portion of the SE 1/4 NE 1/4, Section 36, Township 3 North, Range 6 East which is part of the proposed permit area. If there is, then complete information pertinent to UMC 781.13(a)(2) must be provided.

(e) Table 2-1-A is incomplete, it does not contain the names and addresses of the owners of record of all surface and subsurface areas contiguous to the proposed permit area. In particular, complete information must be provided for the contiguous surface area south of the county highway between the J. S. Wilde and W. L. Boyer properties. In addition, complete information must be provided for the surface and subsurface area in the SE 1/4 NE 1/4, Section 36, Township 3 North, Range 6 East contiguous to the proposed permit area.

Item 4 in Table 2-1-A indicates that "Boy Valley Coal Resources, Inc." owns the source rights to W 1/2, Section 30, Township 3 North, Range 7 East. Plate 2-1 indicate that "Bow Valley Petroleum Co." owns the same surface area. The applicant must make corrections to clarify these discrepancies.

UMC 782.15 Right of Entry and Operation Information - DL

(a) The applicant must provide documentation as to the right of entry on the mineral leases of the proposed permit area.

UMC 782.21 Newspaper Advertisement and Proof of Publication - SCL

The proposed public notice is acceptable, except for the fact that the U. S. Geological Survey 7.5 minute quadrangle map which contains the area is not identified as required. This must be rectified.

UMC 783.19 Vegetation Information - LK

The location of the reference area is not oriented correctly (as to what was approved in the field) on the range site map. Also, please indicate how the reference area will be permanently marked in the field.

UMC 784.13 Reclamation Plan: General Requirement - JSL

The coal floor and roof percent pyritic sulfur and neutralization potential have been submitted. Only the percent pyritic sulfur of the mid-seam was presented. The Acid-Base Potential (ABP) of the floor and roof are -22.9 and -64.5 respectively. As stated previously, an ABP less than or equal to -5 tons CaCO_3 /1000 tons material equivalence is defined as an acid-or toxic-forming material. Therefore, the MRP must be updated to identify the acid-or toxic- forming material.

UMC 784.16 Reclamation Plan: Ponds, Impoundments, Banks, Dams and Embankments - JRH

This section is not considered complete.

Since the water impoundments proposed in the mine plan are currently existing, as-builts of the sediment pond and calculations proving the adequacy of the existing facilities should be provided. This information is pending resubmittal of Chapter 7.

Technical Deficiencies

UMC 817.22 Topsoil: Removal - JSL

The acreage of disturbance has been corrected to 6.0 acres. Through a telephone conversation December 9, 1986 Mr. Dan Guy stated that the large soil stockpile was resurveyed. The November 24, 1986 submittal indicated the volume of topsoil to be 6,333 cyd. Plate 3-1, Surface Facilities Map, indicates the topsoil stockpile area capacity to be 4,500 cyd. Mr. Guy stated that plate 3-1 was not updated to reflect the recently surveyed volume. Plate 3-1 must be updated prior to determining this section adequate.

UMC 817.25 Topsoil: Nutrients and Amendments - JSL

The last page of Appendix 8-1 was not submitted. Therefore this section is not adequate.

UMC 817.48 Hydrological Balance: Acid-Forming and Toxic-Forming Materials - JSL

The applicant must address this section as required pursuant to the determination of an acid- and toxic-forming material in UMC 784.13.

UMC 817.101 Backfilling and Grading: General Requirements - JRH

The Operator indicates that a factor of safety for highwall stabilization of 1.3 will be used. This factor of safety applies only to the outslopes of terraces. The static factor of safety to be developed for the highwall must be a minimum of 1.5 as explained in part (b)(1) of this section. The Operator must submit suitable designs and cross sections of the highwall reclamation and calculations demonstrating a suitable factor of safety and reclamation in accordance with land use in regard to any remaining highwall.

UMC 817.116 & UMC 817.117 Revegetation Standards For Success - LK

A determination of survival of transplanted shrubs needs to be included in the post revegetation monitoring plan for the first three years. Year one would be the fall of the year planting occurs.