

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

March 21, 2005

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor

FROM: Wayne H. Western, Team Lead

RE: Penta Creek Fee Lease IBC, West Ridge Resources, West Ridge Mine, C/007/0041, Task # 2172

SUMMARY:

The Division received an application for of the Penta Creek Fee Lease IBC on March 8, 2005.

The Permittee wanted to increase the permit area from 4382.55 acres to 4432.55 acres, a 50-acre increase. The addition area is in SE $\frac{1}{4}$ SW $\frac{1}{4}$, SW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$.Section 7 of Township 14 South, Range 14 East S.L.B,& M.

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TECHNICAL ANALYSIS:

GENERAL CONTENTS

IDENTIFICATION OF INTERESTS

Regulatory Reference: 30 CFR 773.22; 30 CFR 778.13; R645-301-112

Analysis:

The mine identification number that MSHA issued for West Ridge Mine was 42-02233.

Findings:

Information provided in the application is considered adequate to meet the requirements of this section of the regulations.

RIGHT OF ENTRY

Regulatory Reference: 30 CFR 778.15; R645-301-114

Analysis:

The right of entry information is in Section R645-301-114 of the MRP.

The Permittee added 50 acres to the permit area in connection with Task 2172. The lease to the Penta Creek area is in Appendix 1-14.

Findings:

Information provided in the application is considered adequate to meet the requirements of this section of the regulations.

ENVIRONMENTAL RESOURCE INFORMATION

Regulatory Reference: Pub. L 95-87 Sections 507(b), 508(a), and 516(b); 30 CFR 783., et. al.

PERMIT AREA

Regulatory Requirements: 30 CFR 783.12; R645-301-521.

Analysis:

Task 2172 increased the permit area to by 50 acres, so the total permitted area was increased to 4432.55 acres.

Findings:

Information provided in the proposal is considered adequate to meet the requirements of this section of the regulations.

MAPS, PLANS, AND CROSS SECTIONS OF RESOURCE INFORMATION

Regulatory Reference: 30 CFR 783.24, 783.25; R645-301-323, -301-411, -301-521, -301-622, -301-722, -301-731.

Analysis:

Affected Area Boundary Maps

The permit area for the West Ridge Mine was show on Plate 1-1. Location Map. The permit area for the West Ridge Mine shows the areas where mining could occur. The area where mine expansion could occur was shown on Map 5-4B, Mining Projection (Extended Reserves.)

Existing Surface Configuration Maps

Map 1-1, Location Map shows the surface topography for the entire permit area. The map is at a scale of 1:24,000, which is adequate to show the premining surface topography for areas with no surface disturbance.

Findings:

Maps, plans, and cross sections of hydrologic resource information provided in the PAP are considered adequate to meet the requirements of this section.

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OPERATION PLAN

MINING OPERATIONS AND FACILITIES

Regulatory Reference: 30 CFR 784.2, 784.11; R645-301-231, -301-526, -301-528.

Analysis:

The incidental boundary change associated with task 2172 involves development mining only. The Permittee wants to do the development work on speculation that state and federal agencies will allow the Permittee to conduct longwall mining in panel 7.

Findings:

Information provided in the application is considered adequate to meet the requirements of this section of the regulations.

SUBSIDENCE CONTROL PLAN

Regulatory Reference: 30 CFR 784.20, 817.121, 817.122; R645-301-521, -301-525, -301-724.

Analysis:

No additional subsidence will be associated with task 2172.

Findings:

Information provided in the proposal is considered adequate to meet the requirements of this section of the regulations.

MAPS, PLANS, AND CROSS SECTIONS OF MINING OPERATIONS

Regulatory Reference: 30 CFR Sec. 784.23; R645-301-512, -301-521, -301-542, -301-632, -301-731, -302-323.

Analysis:

Affected Area Maps

The affected area map is shown on Map 5-4B, Mining Projections (Extended Reserves).

Mine Workings Maps

Map 5-4A, Mining Projections, shows the location of the development mining associated with Task 2172.

Findings:

Maps, plans, and cross sections of operations information provided in the PAP are considered adequate to meet the requirements of this section.

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

Regulatory Reference: 30 CFR Sec. 800; R645-301-800, et seq.

Analysis:

Determination of Bond Amount

Since there are not new surface facilities the associated with the 50-acre IBC, the bond amount will not change.

Findings:

The information in this section meets the minimum requirements of the regulations.

RECOMMENDATIONS:

The Division should approve the amendment.