

TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

March 13, 2007

OK

TO: Internal File

THRU: Pamela Grubaugh-Littig, Permit Supervisor *PL*

THRU: Wayne H. Western, Team Lead *WHW*

FROM: James D. Smith, Environmental Scientist III *JS*

RE: 1st North Federal Lease Boundary Addition, CONSOL Energy Company, Emery Deep Mine, C/015/0015, Task ID #2761

SUMMARY:

On September 12, 2006, the Division received the Permittee's proposed IBC amendment for the addition of 160 acres to the current Emery Deep Mine permit area. Because the BLM subsequently required the Permittee to revise their plan to include full-extraction mining, the Permittee revised the proposed IBC amendment to include full-extraction mining: this revision included an up-dated PHC determination of the impacts from the proposed full-extraction mining. The Division received the revision on December 15, 2006.

The IBC area encompasses approximately 160 acres of federal coal located in the SW/4NW/4, NW/4SW/4, NE/4SW1/4, and SE/4SE/4 of Sec. 22, T. 22 S., R. 6 E., SLBM. The surface owner is D. U. Company.

The IBC is adjacent to the current Emery Mine permit area, actually filling a gap in the permit area. Plate V-5 and other maps in the current MRP already show mining projected into this IBC area.

The IBC is in the same drainage as the current permit area. There will be no need for additional surface disturbance. Coal will be removed from the IJ Zone of the Ferron Sandstone, using room-and-pillar methods.

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TECHNICAL ANALYSIS:

OPERATION PLAN

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:

All maps showing the permit boundary need have been updated to include the IBC within the permit area boundary.

Findings:

Maps, Plans, and Cross Sections of Mining Operations meet the requirements of the Coal Mining Rules.

RECOMMENDATIONS:

The IBC amendment should be approved for incorporation into the MRP.