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TECHNICAL MEMORANDUM

Utah Coal Regulatory Program

March 28, 2012

TO: Internal File

THRU: Steve Christensen Permit Supervisor SC

FROM: April A. Abate, Environmental Scientist III/Geology GCA
4/18/2012

RE: Addition of 50 Acres to Permit Boundary, Canyon Fuel Company, LLC, Dugout Canyon Mine, C0070039, Task ID #4054

SUMMARY:

On March 14, 2012, the Division of Oil, Gas and Mining received an amendment to the Dugout Canyon Mining and Reclamation Plan (MRP) to add 50 additional acres to the permit area for the Dugout Canyon mine. The additional acreage will cover the Gil 4b East and West panels that the company intends to development mine. The panels are located in Sections 23, 25, and 26 of T13SR12E.

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TECHNICAL ANALYSIS:

Cross Sections, Maps, and Plans

Regulatory Reference:

R645-301-600.622, 624.110

Analysis:

Dugout submitted the following maps with this application: Plate 6-1 Geology of the Dugout Canyon Mine Permit Area, Plate 6-4 Rock Canyon Seam Overburden Thickness, Plate 6-5 Rock Canyon Seam/Gilson Seam Interburden Map, and Plate 6-6 Rock Canyon Seam Isopach Map (Confidential), and Plate 6-7 Gilson Seam Thickness Isopach Map (Confidential). All maps showed the revision of the permit boundary in Sections 23, 25, and 26 to cover the additional 50 acres. All maps included in Chapter 6 and in the Confidential Binder of the MRP are now up to date showing the revised permit boundary.

Findings:

The amendment meets the Geology Requirements of the State of Utah R645-Coal Mining Rules.

RECOMMENDATIONS:

The amendment should be approved at this time.