



State of Utah  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Michael O. Leavitt  
Governor  
Kathleen Clarke  
Executive Director  
Lowell P. Braxton  
Division Director

1594 West North Temple, Suite 1210  
PO Box 145801  
Salt Lake City, Utah 84114-5801  
801-538-5340  
801-359-3940 (Fax)  
801-538-7223 (TDD)

April 8, 2002

TO: Internal Files

FROM: Stephen J. Demczak, Sr. Reclamation Specialist/Engineering, Team Lead *sgd ryan*

RE: Topsoil Storage, Canyon Fuel Company, LLC, Dugout Mine, C/007/039-02A

**SUMMARY:**

The permittee submitted an amendment to expand the topsoil storage pile for the Dugout mine. The expansion is needed to store soils from the Gilson Well Project. The construction of the Well facilities was approved in a prior amendment. The permittee has submitted new maps showing the location of the soil and rocks to be stored at the topsoil storage area.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

**MINING OPERATIONS AND FACILITIES**

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

**Analysis:**

**Facilities and Structures**

The permittee has submitted a new Soil Stockpile Location map showing the location of the topsoil location from the Gilson Well Project. Plate 2-3 indicates the storage of the Gilson topsoil. This map was P.E. certified by Layne D. Jensen, badge #189797.

**Findings:**

The permittee has met the minimum requirements of this section.

**TECHNICAL MEMO**

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**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:**

**Mining Facilities Maps**

The permittee submitted Exhibit A & B as part of this amendment package. Exhibit A is titled, "Expanded Soil Stockpile Area" and Exhibit B titled, "Expanded Soil Stockpile and Transportation Facilities Map. These maps have not been updated to shown the Gilson Well topsoil storage. These maps need to be updated to reflect the same design as on Plate 2-3 of this submitted. It is my opinion that Exhibit B is not needed, since Plate 2-3 has the same information except for the footnote at the bottom of Exhibit B. This footnote pertains to the total disturbed area of 7.8 acres and permit area of 8.6 acres. This footnote could be added to Plate 2-3.

The footnote at the bottom of Exhibit B needs to be updated to reflect the change in disturbed area acres. The 7.8 acres does not include the new storage area for the Gilson Well material.

**Findings:**

The permittee has not met all the requirements of this section of the R645 Coal Rules. Prior to approval, the permittee must provide the following in accordance with:

**R645-301-521**, Exhibit A and B will need to be updated to show the location of the Gilson Well topsoil and rock storage sites. This is shown on Plate 2-3 of this amendment. The footnote on Exhibit B will need to reflect the additional disturbed area needed for the Gilson Well soil storage.

**RECOMMENDATIONS:**

Prior to approval, the requirements of R645-301-521 must be provided as outlined above.