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# TECHNICAL MEMORANDUM

## Utah Coal Regulatory Program

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November 6, 2008

TO: Internal File

THRU: Jim Smith, Permit Supervisor  
Steve Christensen, Team Lead *SKC - DL w/edits*

FROM: Wayne H. Western, Environmental Scientist *WHW*

RE: Degas Well G-22 and Access Road, Canyon Fuel Company, LLC., Dugout Canyon Mine, C/007/0039, Task ID #3068

### SUMMARY:

On September 30, 2008, Permittee submitted an amendment for the construction of methane degas well G-22 and its associated access road. The proposed degas well and access road will provide additional methane gas venting above the area of longwall panel GIL-8.

Degas well G-22 is in the permit area. The proposed degas well and access road will add an additional 3.5 acres of disturbed area within Township 13 South, Range 13 East in portions of the SE ¼ and NE ¼ of Section 18.

### TECHNICAL ANALYSIS:

~~GENERAL CONTENTS~~ *delete*

## 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.

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**Analysis:**

The Permittee met the requirements of this section. In Chapter 1, the Permittee listed the new disturbed areas. The Permittee will not increase the permit area.

**Findings:**

The information in the proposed amendment 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:**

### **Existing Surface Configuration Maps**

The Permittee met the requirements of this section. The Permittee provided existing contour maps in Attachment 5-1.

**Findings:**

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

## **OPERATION PLAN**

### **MINING OPERATIONS AND FACILITIES**

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

**Analysis:**

The Permittee met the requirements of this section. The Permittee will construct gob vent hole G-22 and an access road. The drill pad and access road are similar to those already approved by the Division.

**Findings**

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

**ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES**

Regulatory Reference: 30 CFR Sec. 784.24, 817.150, 817.151; R645-301-521, -301-527, -301-534, -301-732.

**Analysis:**

**Road Classification System**

The Permittee met the requirements of this section. The Permittee classified the access road to drill hole G-22 as ancillary because it will be it will not be used to haul coal or spoil and the road will be reclaimed.

**Plans and Drawings**

The Permittee met the requirements of this section. The Permittee provided the Division with a map that shows the network of roads used to access the drill holes. *← insert return*

The Permittee provided the Division with general plans and cross sections. See Attachment 5-4, Figure 1. Because the roads to the drill pads are short, the Division will allow the Permittee to use generic road plans as appropriate.

**Performance Standards**

The Permittee met the requirements of this section. The Permittee provided the Division with generic designs for the ancillary roads to the drill pads. That information ~~is~~ in Section 527 of the MRP. *ISIV*

**Findings:**

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The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

## RECLAMATION PLAN

### BACKFILLING AND GRADING

Regulatory Reference: 30 CFR Sec. 785.15, 817.102, 817.107; R645-301-234, -301-537, -301-552, -301-553, -302-230, -302-231, -302-232, -302-233.

#### Analysis:

##### General

The Permittee met the general requirements of this section. The Permittee committed to backfill and grade drill pad G-22 and the access road. The reclamation plan for G-22 and the access road are similar to those already approved.

#### Findings:

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

### MINE OPENINGS

Regulatory Reference: 30 CFR Sec. 817.13, 817.14, 817.15; R645-301-513, -301-529, -301-551, -301-631, -301-748, -301-765, -301-748.

#### Analysis:

The Permittee met the requirements of this section. The Permittee will plug the well when no longer needed.

#### Findings:

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

## **ROAD SYSTEMS AND OTHER TRANSPORTATION FACILITIES**

Regulatory Reference: 30 CFR Sec. 701.5, 784.24, 817.150, 817.151; R645-100-200, -301-513, -301-521, -301-527, -301-534, -301-537, -301-732.

### **Analysis:**

#### **Reclamation**

The Permittee met this section of the regulations. The Permittee will reclaim the access road to the pad for G-22 and the access road.

### **Findings:**

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

## **BONDING AND INSURANCE REQUIREMENTS**

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

### **Analysis:**

#### **General**

The Division estimated the reclamation costs based on information provided by the Permittee. The current bond is adequate to handle the increases costs for reclaiming.

### **Findings:**

The information in the proposed amendment is considered adequate to meet the requirements of this section of the regulations.

## **RECOMMENDATIONS:**

The Division should approve the amendment.