



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

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June 5, 2001

TO: **Internal File**

FROM: Stephen J. Demczak, Reclamation Specialist, Team Lead *Stephen SSD*

RE: Facility Addition at Rilda Canyon, PacifiCorp, Deer Creek Mine, C0130000  
AM01E

**SUMMARY:**

PacifiCorp, by and through its wholly owned subsidiary, Energy West Mining Company ("Energy West") as mine operator, submitted an amendment regarding surface facility addition to the Rilda Canyon Fan complex of the Deer Creek Mine.

With the recent completion of production at the Trail Mountain Mine, the permittee wishes to transfer the longwall equipment to the underground workings at the Deer Creek Mine. The longwall mining system is relatively new; it was purchased in 1998.

In order to facilitate the transfer of longwall equipment into the Deer Creek Mine via Rilda Canyon access portals, a lifting station is to be built on the fan pad. A lifting pad is used to unload longwall equipment. This concrete pad will have the dimensions 15 feet x 14 feet x 8 inches.

The concrete pad will remain until Rilda Canyon is reclaimed. The concrete pad will be broke up and backfilled inside one of the two portals. The pad will consist of approximately five cubic yards of concrete. The permittee has estimated the cost of removal will be \$829.00.

**TECHNICAL ANALYSIS:**

**OPERATION PLAN**

TECHNICAL MEMO

## 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 has updated the surface facility map 3-9A adding the lifting pad. This map was P.E. certified by John Christensen badge No. 165651 on May 14, 2001.

### Findings:

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

## RECLAMATION PLAN

### GENERAL REQUIREMENTS

Regulatory Reference: PL 95-87 Sec. 515 and 516; 30 CFR Sec. 784.13, 784.14, 784.15, 784.16, 784.17, 784.18, 784.19, 784.20, 784.21, 784.22, 784.23, 784.24, 784.25, 784.26; R645-301-231, -301-233, -301-322, -301-323, -301-331, -301-333, -301-341, -301-342, -301-411, -301-412, -301-422, -301-512, -301-513, -301-521, -301-522, -301-525, -301-526, -301-527, -301-528, -301-529, -301-531, -301-533, -301-534, -301-536, -301-537, -301-542, -301-623, -301-624, -301-625, -301-626, -301-631, -301-632, -301-731, -301-723, -301-724, -301-725, -301-726, -301-728, -301-729, -301-731, -301-732, -301-733, -301-746, -301-764, -301-830.

### Analysis:

The building of the lift pad will contain approximately five cubic yards. The dimensions of the concrete pad are 15 feet x 14 feet x 8 inches in thickness. The pad will be broken-up by a Track Excavator. This equipment will be present for removal of other pads at the Rilda surface facilities. This material will be used in one of the portals for backfill.

The pad will not change the contouring of this area during reclamation. The permittee will not need to change the reclaiming plan for Rilda Canyon.

### Findings:

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

## **BONDING AND INSURANCE REQUIREMENTS**

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

### **Analysis:**

#### **Determination of bond amount**

The permittee has calculated \$829.04 for the removal the concrete pad during reclamation of Rilda Canyon. This is not a significant amount to justifying the increasing of the bond. The \$829.04 is less than five percent of the total bond of the Deer Creek Mine. The current bond is for \$3,000,000. No change to the bond is necessary per Division Directive, if all new projects cumulatively do not exceed 5 percent of the total bond.

### **Findings:**

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

### **RECOMMENDATION:**

The permittee has met the all of the requirements of the R645 Coal Rules; therefore, this amendment is recommended for approval. Clean copies have been submitted to the Division.