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ACT/007/016

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BEAVER CREEK Coal Company  
P. O. Box AU  
Price, Utah 84501  
Telephone 801 637-5050

September 4, 1980

Mr. Don Crane  
Regional Director  
Office of Surface Mining  
1020 Fifteenth Street  
Brooks Towers, 2nd Floor  
Denver, Colorado 80202

Dear Mr. Crane:

Enclosed please find seven (7) copies of Beaver Creek Coal Company's  
submittal to comply with Special Stipulation #1 (Part A through D) and  
#5 (Revised Subsidence Monitoring Plan) for our Gordon Creek #2 Mine  
Lease Modification Plan.

It is our hope these plans will meet with your approval.

Respectfully,

Dan W. Guy, P.E.  
Chief Engineer

DWG/rh

cc: J. Smith, Utah OG&M  
J. Holligan, ARCO  
File

GORDON CREEK #2 MINE  
LEASE MODIFICATION  
MINING & RECLAMATION PLAN  
SPECIAL STIPULATION #1  
Sections A through D

GORDON CREEK #2 MINE  
LEASE MODIFICATION  
MINING & RECLAMATION PLAN  
SPECIAL STIPULATION #1  
Sections A through D

A) Diversion Channel for Bryner Canyon:

The attached drawing will show a revised cross-section of the Bryner Canyon Diversion as constructed. The actual cross-sectional shape of the diversion is trapezoidal with an area of 13.5 ft.<sup>2</sup> instead of the triangular shape shown in Exhibit #6, with a planned area of 9 ft.<sup>2</sup>. This increase in area will result in a corresponding decrease in flow velocity and erosion potential, while providing safe conveyance of the runoff from a ten-year, 24-hour precipitation event.

The diversion will be inspected after each storm and cleaned as necessary. It will also be maintained on a regular basis to prevent additional contributions of sediment loading downstream.

B) Dewatering Device for Sedimentation Pond:

Since the pond is built below natural ground level, a pump will be used as a dewatering device. The pump will be a portable, gas-powered, 2 H.P. Homelite, rated at 192 gallon-per-minute, or equivalent.

C) Placement of Rip-Rap:

As explained in Exhibit #6 of the M&R Plan, rip-rap will be placed at entrances and outlet of the sedimentation pond and at the outlet of all culverts.

Rip-rap to be placed will be of a sandstone, or equivalent, durable non-slacking stone, with a minimum size of four (4) inches. Rip-rap will extend at least ten (10) feet beyond all culvert discharge points to prevent scouring and erosion.

D) Trash Racks:

All culverts are fitted with appropriate trash racks on the inlet end.

BRYNER CANYON  
DIVERSION DITCH  
TYPICAL SECTION  
SCALE ~ 1' = 1"

