



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

1594 West North Temple, Suite 1210
PO Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5340 telephone
(801) 359-3940 fax
(801) 538-7223 TTY
www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 14, 2002

Wendell Own, Resident Agent
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Re: Conditional Approval of Fan Addition, Co-Op Mining Company, Bear Canyon Mine, C015/025-AM02H, Outgoing File

Dear Mr. Owen:

The above-referenced amendment is conditionally approved upon receipt of four clean copies prepared for incorporation. Please submit these copies by August 30, 2002. Once we receive these copies, final approval will be granted, at which time you may proceed with your plans.

A stamped incorporated copy of the approved plans will also be returned to you at that time, for insertion into your copy of the Mining and Reclamation Plan. A copy of our Technical Analysis is enclosed.

If you have any questions, please feel free to call me at (801) 538-5325.

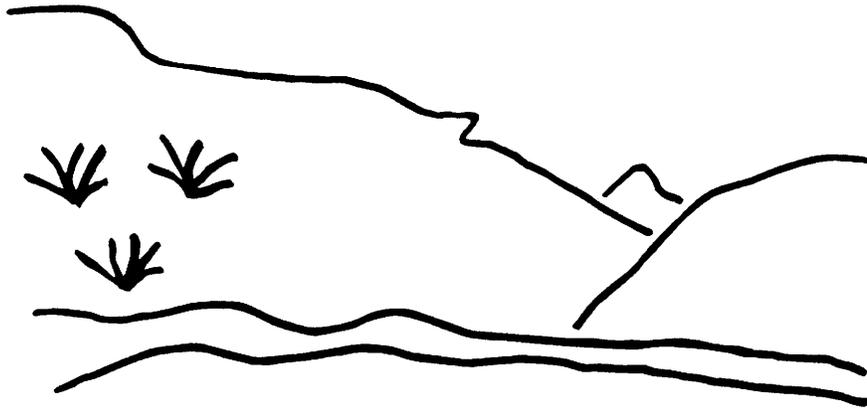
Sincerely,

A handwritten signature in black ink that reads "Daron R. Haddock".

Daron R. Haddock
Permit Supervisor

an
Enclosure
cc Price Field Office
P:\GROUPS\COAL\WP\015025.BCN\FINAL\ConAppAM02H.doc

State of Utah



Utah Oil Gas and Mining

Coal Regulatory Program

Bear Canyon Mine
Fan Addition
C/015/025-AM02H
Technical Analysis
August 13, 2002

INTRODUCTION

TECHNICAL ANALYSIS

INTRODUCTION

The Division received a proposal on July 29, 2002 to add a fan at the Bear Canyon Mine. The #1 Mine is currently at the legal limit for airflow and in danger of dropping below the limit in violation of 30CFR, Part 75, Subpart D, Section 75.325. The new fan will work as an auxiliary to the existing Bear Canyon #1 Mine fan and will be located near that existing fan.

Information found in the proposal is considered adequate to meet the minimum requirements of the regulations.

The amendment should be approved and incorporated into the current MRP.

Page 2
C/015/025-AM02H
August 13, 2002

INTRODUCTION

OPERATION PLAN

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 proposed structure will consist of a portable fan, fan enclosure and explosion doors. The new fan is an auxiliary to the existing Bear Canyon #1 Mine fan. The new fan will be located near the existing fan and the location is shown on Plate 2-4C.

Findings:

Information provided in the application is adequate to meet the minimum Mining Operations and Facilities requirements of the regulations.

HYDROLOGIC INFORMATION

Regulatory Reference: 30 CFR Sec. 773.17, 774.13, 784.14, 784.16, 784.29, 817.41, 817.42, 817.43, 817.45, 817.49, 817.56, 817.57; R645-300-140, -300-141, -300-142, -300-143, -300-144, -300-145, -300-146, -300-147, -300-147, -300-148, -301-512, -301-514, -301-521, -301-531, -301-532, -301-533, -301-536, -301-542, -301-720, -301-731, -301-732, -301-733, -301-742, -301-743, -301-750, -301-761, -301-764.

Analysis:

Sediment control measures

Since the proposed structure will lie within the existing disturbed area, all runoff will be directed to a sediment pond through existing diversions.

Findings:

Information provided in the application is adequate to meet the minimum Hydrologic Information requirements of the regulations.

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:

The location of the new fan in relation to the disturbed area boundary and other structures is shown on Plate 2-4C, Surface Facilities. The map has been certified by a registered professional engineer.

Findings:

Information provided in the application is adequate to meet the minimum Maps, Plans and Cross Sections of Mining Operations requirements of the regulations.

RECLAMATION PLAN

RECLAMATION PLAN

BONDING AND INSURANCE REQUIREMENTS

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

Analysis:

The application includes a bond estimate for the reclamation of the proposed fan, calculated by Co-Op Mining Company. The estimated cost of reclamation is \$5,080 for 4 fans on-site, around \$1,270 for the proposed fan. The present bond for the Bear Canyon Mine is \$1,825,000, which includes a 5% contingency of \$63,242. Since the estimated cost for reclamation of this facility represents less than 3% of the contingency and less than 1% of the total posted bond, the existing bond should be adequate.

Findings:

Information provided in the application is adequate to meet the minimum Bonding and Insurance Requirements section of the regulations.