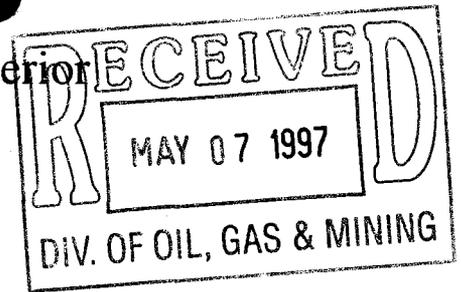




United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District  
Price River/San Rafael Resource Area  
125 South 600 West  
P.O. Box 7004  
Price, Utah 84501



3482  
SL-062648  
UTU-68082  
(UT-066)

Certified Mail--Return Receipt Requested  
Certificate No. 382 124 889

MAY - 5 1997

Mr. Gary E. Gray  
Reclamation Engineer  
Genwal Resources, Inc.  
P. O. Box 1420  
Huntington, Utah 84528

ACT/015/032 #2

Re: Modification Request for Resource Recovery and Protection Plan (R2P2), Northwest  
Longwall Mining Block, Crandall Canyon Mine

~~FAX Steve @ PFD~~  
SH to

Dear Mr. Gray:

The Bureau of Land Management (BLM) received further information for the subject modification request from Genwal Resources, Inc. on March 10, 1997. The areas requested for change at the Crandall Canyon Mine are located on Federal coal lease UTU-68082.

Genwal had proposed design and layout changes for the northwest coal block. The BLM requested further written justification for the case record and to fully analyze the modification. We reviewed this justification and found it to be sufficient for our needs and for the record.

The BLM agrees with the longwall barrier pillar sizing to protect 2nd North and Main West. The barrier pillars are slightly larger than some accepted design formula, but 2nd North's variable roof lithology warrants extra protection, especially with no history of longwall mining in this area.

The longwall bleeder/set-up design is also accepted. We are well aware of the risks and possible hazards of mining too close to the Joe's Valley Fault and have witnessed the area in Main West where the fault was encountered. In light of the requirement to have a travelable and stable bleeder entry system near the fault, barrier pillars are necessary for both the fault and the longwall set-up room.

When longwall mining was first approved for this area, a general modification was granted to authorize gateroad and bleeder development to the extent of the actual location of the Joe's Valley Fault. This authorization is still in effect. The actual location of the bleeders and the longwall set-up room will be dependent on the location of the fault and/or the channel scour from the north. Formal modification to the R2P2 is not necessary as long as BLM is notified for verification when these conditions are encountered.

The BLM has determined that the modification for the longwall layout in the northwest coal block meets the requirements of the Mineral Leasing Act of 1920, as amended, the regulations at 43 CFR 3480, the lease terms and conditions, and will achieve maximum economic recovery of the Federal coal. A copy of the approved mine map is enclosed. If you have any questions, please contact Stephen Falk of my staff at 636-3600.

Sincerely,

**MARK E. BAILEY**

*Asst.* Area Manager

Enclosure  
Approved Mine Map

cc: UT-921, Utah State Office (w/encl.)  
Utah Division of Oil, Gas and Mining  
1594 West North Temple, Suite 1210  
Salt Lake City, Utah 84114-5801 (w/encl.)

FEDERAL LEASE UIU 68082

PROTECTED SYMPATHETIC  
1000

Coal scoured  
to less than 5'

Sandstone Channel Scour

Joint separations visible  
in roof and coal seam

PANEL 7

When West is developed, the face will be  
drilled ahead in advance of mining to  
avoid having the entries hit the Joe's  
Valley Fault.

PANEL 8

1500

PANEL 9

PANEL 10

LONGWALL BLEEDERS

2ND NORTH

MINOR MODIFICATION TO  
MINING PLAN APPROVED BY  
BUREAU OF LAND MANAGEMENT UEL 11  
Recommended By:

*Stephen W. Falk* 5/5/97  
Mining Engineering (Date)

Approved By:  
*Mark B. Baly* 5-5-97 UEL 12  
Asst. Area Manager (Date)

1st Right Section abandoned & sealed  
due to adverse roof conditions.

Adverse Roof  
(Dark siltstone)

MAIN WEST

FEDERAL LEASE UIU 68082  
STATE LEASE M 1556

