

Mountain Coal Company
 West Elk Mine
 Post Office Box 591
 Somerset, Colorado 81434
 Telephone 303 929-5015



Ms. Pamela Grubaugh-Littig
 Permit Supervisor
 Utah Division of Oil, Gas and Mining
 P. O. Box 145801
 Salt Lake City, Utah 84114-5801

ACT/007/016 #5
 ACT/007/016 #2
 JOE, DAVE

Re: **NOV N97-47-1-1**
Abatement Plans
Gordon Creek No. 2/7/8 Mines
ACT / 007 / 016
Carbon County, Utah

Dear Ms. Littig:

Enclosed is a drawing showing the proposed sediment pond reconstruction, along with a description of the methods to be employed to prevent short circuiting.

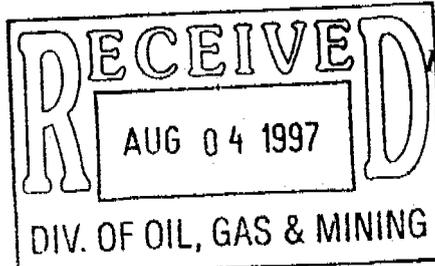
Since the reclamation activities have reached this point, we are prepared to implement this plan immediately upon approval.

If you have any questions, or need any further information, please let me know.

Sincerely,

Dan W. Guy

for
 Paige B. Beville



cc: *Paige Beville*
 File

**Proposed Pond Reconstruction Plan
Gordon Creek 2/7/8 Mine
Sediment Pond**

Introduction

The lower 2 cells of the newly constructed Gordon Creek No. 2/7/8 Sediment Pond have developed a leak which allowed short circuiting of runoff. Runoff was being treated in the first cell of the pond, and samples taken showed the discharge to be within limits of the UPDES Permit.

The area of leakage in the No. 2 cell appears to be along the interface of the excavated pond and the old road fill. The leakage in the 3rd or lower cell appears to be where the excavated pond came into close proximity of the old channel, allowing water to pipe through the large rocks and travel underground for a moderate distance before surfacing.

Plan for Reconstruction

The attached Figure 1 will show a typical plan and section of the pond and proposed reconstruction. The proposed reconstruction steps are as follows:

- (1) The road side of the pond will be excavated with a trackhoe to a depth at least 3' below the area of leakage;*
- (2) Excessive coal or other non-compactible debris will be removed from the excavated material;*
- (3) The excavated material will then be recompacted in lifts not to exceed 12" up to the elevation of the dam;*
- (4) Bentonite clay will be mixed at a ratio of approximately 50/50 with the top 6" of fill material from the edge of the spillway to the bank along the road;*
- (5) The piping hole in the lower cell will also be excavated to a depth of at least 3' below the surface (or a greater distance as needed to remove the large rocks);*
- (6) The area will then be recompacted with soil material with approximately 50% bentonite;*
- (7) The redisturbed area will be final dressed and reseeded according to the reclamation plan.*

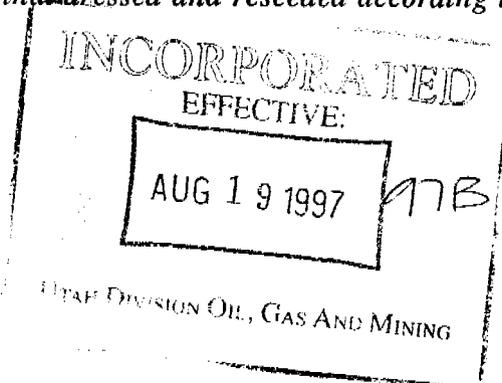
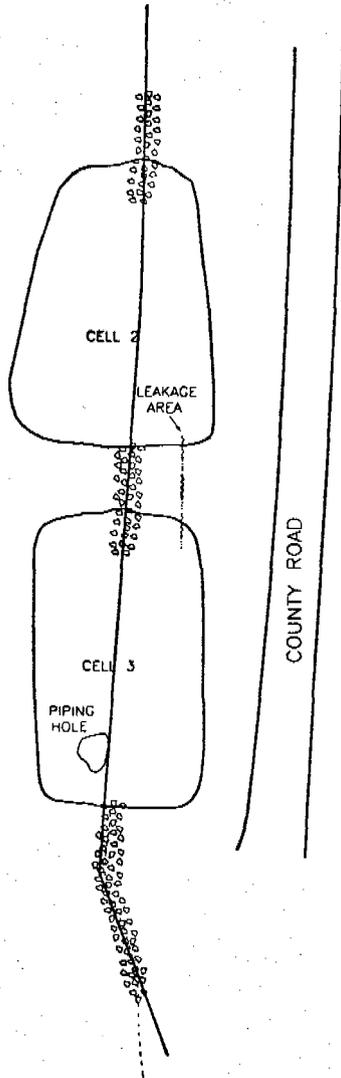
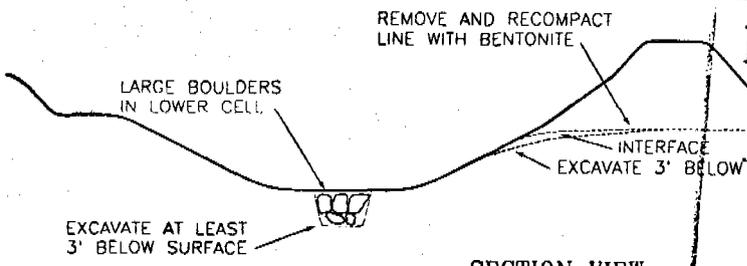
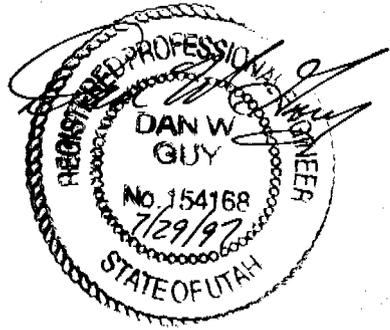


FIGURE 1
PROPOSED POND RECONSTRUCTION



PLAN VIEW



SECTION VIEW

INCORPORATED
COUNTY ROAD
EFFECTIVE:
AUG 19 1997 97B
UTAH DIVISION OIL, GAS AND MINING