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June 12, 1992

RECEIVED

JUN 15 1992

DIVISION OF
OIL GAS & MINING

Ms. Pamela Grubaugh-Littig
Permit Supervisor
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

**RE: ADDITIONAL RESPONSE TO PERMIT CONDITIONS, DES BEE DOVE TEST
PLOT PLAN, PACIFICORP, DES BEE DOVE MINE, ACT/015/017**

Dear Ms. Grubaugh-Littig:

In response to your letter dated May 5, 1992, the attached Des Bee Dove Test Plots Plan - 1992 is submitted.

Upon approval this plan will be included at the end of Appendix XVI as an amendment.

If there are any questions, please call Guy Davis or me at 653-2312.

Sincerely,

Guy Davis

For Val Payne
Sr. Environmental Engineer

GD/dw
Enclosure

cc: J. Blake Webster
File

DES BEE DOVE TEST PLOT PLAN - 1992

INTRODUCTION

The focus of the 1992 Des Bee Dove Test Plots is primarily the Mancos shale. Specifically, to help develop reclamation procedures, plot treatments/soil admixtures will be tested to aid in the reclamation of the Mancos shale. Results from these 1992 test plots will determine the treatments to be tested on the "future" test plot planned in 3 to 5 years.

LOCATION

The individual plots will be approximately 10' x 14' each located in the raw Mancos material on top of the major fill slope between stations 131+00 to 142+00. The plots are part of the area redisturbed in the fall of 1991 as part of a violation abatement. (See attached Drawing CM-10874-DS.)

The location and size of the total plot area were based on the apparent universal soil and the availability of the test treatments. Each individual treatment will extend from the top of the waterbar slope to the top of the next waterbar slope (see Figure 1). All areas of the treatment, including the waterbars, will be observed and evaluated. The waterbar area is included because they are proposed in the final reclamation plan.

PLOT PREPARATION

All vegetation on the test plot area will be sprayed with two applications of Roundup two weeks prior to planting to kill any existing plant species. Applications will be spaced four (4) days apart.

PLOT TREATMENTS/ADMIXTURES

As a result of the May 15, 1992 meeting with Division representatives, the following treatments were agreed upon. All treatments will be done randomly on the plot location in triplication.

- 1. Rocky Soil (Native Soil)**

This soil will be borrowed from near the site and will be placed on top of the Mancos soil. It is anticipated that one cubic yard of rocky soil will be used per individual plot. This will cover the Mancos surface with 2" or greater of soil. The treatment of rocky soil will be similar to the natural surrounding areas, so volume may vary following native soil sample results.