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DIVISION OF
OIL GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
P.O. Box 970
Moab, Utah 84532

3482 #2
U-64375
(U-065)

ACT/015/009
Copy Pam
FAX to Val.
MAY 28 1993

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

Dear Ms. Grubaugh-Littig:

We have reviewed the 1993 Trail Mountain Drilling Plan application for Federal coal lease U-64375 submitted by PacifiCorp and transmitted to us with your letter dated April 19, 1993. These seven drill holes (TMTN-9 through TMTN-15) are located in the permit area.

We recommend approval subject to the following condition:

1. All drill holes will be properly sealed in accordance with the enclosed Bureau of Land Management coal exploration drilling stipulations.

Tom Rasmussen of my staff will be the point of contact for any questions and notifications regarding this matter at (801) 637-4584.

Sincerely,

District Manager

Enclosure
BLM Stipulations (3pp.)

cc: BLM State Director, Utah (U-921) (wo/Encl.)
BLM Price Coal Office (U-065c) (wo/Encl.)
Manti-LaSal National Forest (wo/Encl.)
599 West Price River Drive
Price, Utah 84501

Post-It™ brand fax transmittal memo 7671		# of pages 4
To Val Payne	From Pam	
Co. PacifiCorp	Co. DOGM	
Dept.	Phone # 538-5340	
Fax # 653-2479	Fax # 359-3940	

BUREAU OF LAND MANAGEMENT
COAL EXPLORATION DRILLING STIPULATIONS
INSIDE THE PERMIT AREA
PacifiCorp Electric Operations

1. The Chief of the Price Coal Office shall be notified 48 hours prior to the start and completion of the program.
2. The lessee/licensee is responsible to see that all personnel contracted or otherwise doing work on the exploration program are aware of these approval requirements and abide by all regulations governing this program. Any changes to the approved exploration plan that includes new drilling outside the permit area must receive approval from the Chief of the Price Coal Office prior to implementation.
3. Each string of surface or intermediate casing shall be cemented to the surface.
4. Upon completion of down-hole procedures, all drill holes shall be properly sealed by emplacing cement through tubing in stage lifts from the bottom of the hole to ground level. The cement slurry mixture used to plug and seal the drill holes shall be mixed in compliance with standard cement mixing tables (e.g. Haliburton).
5. The hole location is to be marked by placing an approved marker made of galvanized steel, brass, aluminum or similar noncorrosive metal in the concrete plug. Such markers are to show hole number, year drilled, lessee/licensee name, and as feasible, the section, township, and range in which the hole is located. The top of the concrete plug, if located in cultivated a field must be set below normal plow depth (10 to 12 inches). In noncultivated areas, all marker caps should not protrude above the ground level. All drill holes shall be surveyed in to assure proper location. An exact survey of each drill hole location will be submitted to the Chief of the Price Coal Office.
6. Upon completion of exploration activities, two copies of each report as required by 43 CFR 3485.1, shall be submitted to the Chief of the Price Coal Office. The reports at a minimum must contain the following:
 - A. Location(s) and serial number(s) of lands under Federal lease or license on which exploration was completed.
 - B. A description of the completed exploration operations that includes the number of holes drilled, total depth of each hole, and completion date of each hole.
 - C. A map showing the locations of all holes drilled, other excavations, and the coal outcrop lines as appropriate. The scale of the map shall not be less than 1 inch equals 1 mile.
 - D. Analysis of coal samples and other pertinent tests obtained from exploration operations.

E. Copies of all in-hole mechanical or geophysical stratigraphic surveys or logs, such as electric logs, gamma ray-neutron logs, sonic logs, or any other logs. The records shall include a lithologic log of all strata penetrated and conditions encountered such as water, gas, or any unusual conditions.

F. Status of reclamation of the disturbed areas.

G. Any other information requested by the Assistant District Manager for Mineral Resources.

H. Hydrologic reports using the attached form.

REPORT OF WATER OBSERVED

Company: _____ Lease/License Number: _____
Address: _____ Drill Hole Number: _____
_____ Date Completed: _____
_____ Total Depth: _____

Company Contact: _____
Phone Number: _____

Drilling Contractor: _____
Address: _____

Company Contact: _____
Phone Number: _____

Location of Hole: T. __ S., R. __ E., Section __: __ 1/4 __ 1/4 __ 1/4
Hole Elevation: _____ Hole Diameter: _____
Drilling Method: _____
Static Water Level: _____

Aquifer No. 1

Depth Below Ground Elevation: _____ Formation: _____
Rock Type: _____ Yield(GPM): _____
Date Reported to BLM*: _____ Requirements of BLM*: _____
_____ Water Sample Provided to BLM? _____

Aquifer No. 2

Depth Below Ground Elevation: _____ Formation: _____
Rock Type: _____ Yield(GPM): _____
Date Reported to BLM*: _____ Requirements of BLM*: _____
_____ Water Sample Provided to BLM? _____

Aquifer No. 3

Depth Below Ground Elevation: _____ Formation: _____
Rock Type: _____ Yield(GPM): _____
Date Reported to BLM*: _____ Requirements of BLM*: _____
_____ Water Sample Provided to BLM? _____

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*Refer to Stipulation Number 3