

AMERICAN ELECTRIC POWER Service Corporation

P. O. Box 629
 Helper, Utah 84526
 Phone (801) 472-3481

May 29, 1979



Mr. K. Michael Thompson
 State of Utah
 Division of Oil, Gas, and Mining
 1588 West North Temple
 Salt Lake City, Utah 84116

Dear Mr. Thompson:

American Electric Power Service Corporation herewith applies for drilling permits to drill two drill holes described as follows:

One water testing well located as follows:

SW $\frac{1}{4}$, SE $\frac{1}{4}$, Sec. 28, T. 12 S., R. 9 E.
 Crandal Canyon, Carbon County, Utah
 Fee surface (see enclosed map for hole location)
 Federal Coal Lease No. SL-071737.
 Hole depth 1,450'
 Hole diameter of less than 4"

One coal exploratory drill hole located as follows:

NE $\frac{1}{4}$, NW $\frac{1}{4}$, Sec. 5, T. 13 S., R. 9 E.
 Sowbelly Canyon, Carbon County, Utah
 Fee Land (see enclosed map for hole location)
 Hole depth 2,200'
 Hole diameter of less than 4"

The upper 50' of each drill hole will be cased. Pad size will be 100' X 75'. Road width will be 14'. As the water testing well is drilled, packers will be placed in the hole and pressure tests will be conducted. When the water testing well is completed a piezometer will be placed in the hole. If feasible this hole will be used as a permanent water monitoring well.

The water monitoring well will require approximately 300' of new road to be built. The coal exploratory drill hole will require 2,200' of new road. Holes that are not used for water monitoring wells will be grouted with a cement grout when completed.

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The sites and roads will be reclaimed as near the original conditions as feasible and planted with an approved seed mixture (as per BLM requirements).

Please contact us if we can supply any additional information.

Sincerely yours,

AMERICAN ELECTRIC POWER
SERVICE CORPORATION



Don A. Stephens
Resident Geologist

DAS:jp

Enclosures

cc: L. E. McCloskey