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File Copy -
Plateau Mining
CONSULTANTS / ENGINEERS
StarPoint
**VAUGHN
HANSEN
ASSOCIATES**
Mines

WATERBURY PLAZA - SUITE A
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SALT LAKE CITY, UTAH 84121
(801) 272-5263

ACT/007/006

September 11, 1980

Mr. Ronald W. Daniels
Division of Oil, Gas & Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: Plateau Mining Company Permit

Dear Mr. Daniels:

Ben Grimes at Plateau Mining Company has requested that I outline to you (with copies to the Offices of Surface Mining and the Forest Service) the consulting service that has been requested of us and the status of that effort.

On August 27, we received a purchase order to study the interbasin diversion of groundwater, and the hydrology and subsidence, with particular reference to the Forest Service environmental requirements.

We have received a draft response prepared by Plateau particularly addressing the "Manti-LaSal Forest Plan for Studying the Effects of Underground Coal Mining on Surface and Subsurface Resources." We have discussed general concepts with Mr. Boley at the Price office of the Forest Service. We have been retained also by Plateau to advise them regarding their water quality monitoring needs.

As earlier background which will be useful in determining the extent of interbasin water transfer, we have collected water samples from most of the springs and streams on or near the lease area, and have studied the water balance, yield, and runoff characteristics. We have observed in the Plateau mine and also in the adjacent U.S. Fuel Mine the zones where water seeps are occurring and have obtained water samples from the larger leakers. Surface and subsurface geology have been noted as it pertains to the presence of water in the mine. Our next task will be to prepare a report correlating the various observations we have made.

Sincerely yours,

Vaughn E. Hansen
Vaughn E. Hansen, Ph.D., P.E.

VEH/lg

cc: Joe Helfrich, DOGM
Don Crane, OSM
Larry Damrau, OSM
William Bolley, FS
Ben Grimes, Plateau

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OIL, GAS & MINING