



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MININGNorman H. Bangertter
GovernorDee C. Hansen
Executive DirectorDianne R. Nielson, Ph.D.
Division Director355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

October 9, 1991

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

Dear Mr. Owen:

Re: Underground Drilling Program, Co-Op Mining Company, Bear Canyon Mine,
ACT/015/025, Folder #2, Emery County, Utah

The Division has reviewed the proposed Appendix 7-N for the underground drilling program. The Appendix did not include all of the information required as set forth in the approval letter of September 4, 1991. The Appendix must include information regarding the use of the non-hydrocarbon joint compound on the drill pipe joints to prevent water quality degradation downhole, as well as cementing the original hole, top to bottom, with a cement-bentonite mixture to prevent aquifer contamination. (Refer to your letter to Tom Munson dated August 28, 1991).

At the conclusion of the drilling of the first hole, it will be necessary to convene a meeting with you, your consultant, and the Division to decide how the underground drilling will proceed and to review the existing data. This meeting should be held during the week of October 21, 1991.

Please resubmit a complete and adequate Appendix 7-N by October 21, 1991. Please call the Division to confirm the meeting for future drilling by October 16, 1991. Thank you.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Grubaugh-Littig".

Pamela Grubaugh-Littig
Permit Supervisor

PGL/jbe

Enclosure

cc: Kim Mangum
Tom Munson
Hugh Klein

AT015025U

an equal opportunity employer



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355 West North Temple
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September 4, 1991

Mr. Wendell Owen
Co-Op Mining Company
P.O. Box 1245
Huntington, Utah 84528

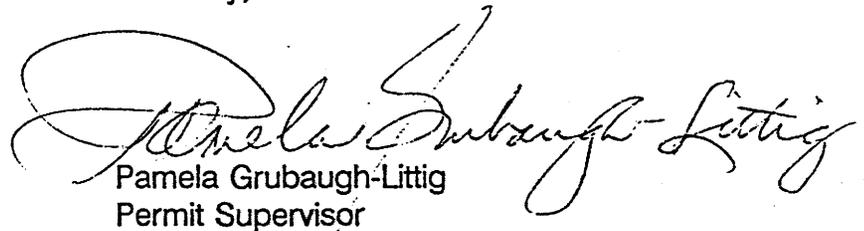
Dear Mr. Owen:

Re: Approval of Underground Drilling Program, Co-Op Mining Company, Bear Canyon Mine, ACT/015/025, Folder #3, Emery County, Utah

The underground drilling program (updated through August 30, 1991) is hereby approved. This program must be submitted for inclusion in the plan as an appendix with all of the appropriate letters, etc., by September 9, 1991.

As indicated in your letter, this drilling is expected to begin September 9, 1991. Thank you for your cooperation

Sincerely,



Pamela Grubaugh-Littig
Permit Supervisor

jbe
cc: Tom Munson
Hugh Klein
AT015025.001

CO-OP MINING COMPANY

P.O. Box 1245
Cannonville, Utah 84528



(801) 381-5238
Coal Sales (801) 381-5777

Tom Munson
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Center
Salt Lake City, Utah 84180

August 28, 1991

RE: Drilling Program

Dear Mr. Munson;

I am submitting the revised Underground Drilling Program prepared by Earthfax Engineering Company as the Co-op Mining Company proposal to help determine the ground water level below the Bear Canyon Mine. During drilling, drillers will use a non-hydrocarbon joint compound on the drill pipe joints to prevent water quality degradation downhole. The original hole will be cemented, top to bottom with cement-bentonite mixture to prevent aquifer contamination.

Please match this submittal with Plate D-1 that you presently have with the original submittal to show the hole location, as I am unable to send the Plate over the fax.

Co-op Mining Company does not authorize any changes or additions to this plan unless it has been mutually agreed upon by Co-op, Earthfax and the Division of Oil, Gas, and Mining.

Yours Truly,


Wendell Owen
Resident Agent

-:Addition:- Aug 30, 1991

Additional equipment needed to drill a 2 1/2 inch diameter hole is scheduled to arrive at the job site on Thursday, Sept. 5, 1991. Allowing time for installation, the scheduled date to resume drilling will be Monday, Sept. 9, 1991.

Wendell Owen

