

Consolidation Coal Company
Western Region
Emery Mine
P. O. Box 527
Emery, Utah 48522

July 20, 1983

File ACT/015/015
Folder No. 10
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JUL 27 1983

James W. Smith
Coordinator
Mined Land Development
Utah Division of Oil, Gas, and Mining
4241 State Office Building
Salt Lake City, Utah 84114

Re: Permit #ACT 015/015
(subsidence monitoring
report)

Dear Mr. Smith:

The semiannual subsidence monitoring surveys for the Emery mine have been completed with the following results.

No significant vertical movement (± 0.50 feet) has been detected on any of the required monitoring stations, with the exception of two (2) monuments; these were stations SM-K3 and SM-W.

Station SM-K3

November 1983 survey: coordinate (N197305.54 by E2071450.64)
elevation (6083.66)

July 1983 survey: coordinate (N197305.00 by E2071450.93)
elevation (6078.33)

Horizontal discrepancy: 0.61 feet
Vertical discrepancy: -5.33 feet

Station SM-W

January 1981 survey: coordinate (N194616.64 by E2065467.15)
elevation (5957.05)

July 1983 survey: coordinate (N194616.20 by E2065465.95)
elevation (5955.36)

Horizontal discrepancy: 1.21 feet
Vertical discrepancy: -1.69 feet

(Note: Do to an oversight station SM-W was not surveyed in the interval from January 1981 to July 1983. This may have an influence upon the discrepancy between the two surveys. The mine engineering staff is investigating this possibility at the present time.)

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Station SM-K3 overlies the 2-East partial pillar section and station SM-W overlies the 2-Right partial pillar section (reference map enclosed).

Because these surveys were rechecked, the mine was delayed in reporting the survey results.

Sincerely,

A handwritten signature in black ink, appearing to read "Ronald O. Hughes". The signature is written in a cursive style with a long horizontal stroke at the end.

Ronald O. Hughes
Mine Engineer