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State of Utah
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

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**DIVISION OF OIL GAS & MINING
FIELD VISIT FORM
TECHNICAL**

Date : 09/13/99

Time: 8:00 am

Mine: SUFCO

File Number: ACT/041/002, Folder #2

DOGGM Staff: Mike Suflita, Hydrologist, Pete Hess, Inspector

Other Attendees: Forest Service: Janette Kaiser, Aaron Howe, Carter Reed, Jeff DeFreest, Dale Harber, Katherine Foster, and Crockett Dumas. BLM: Stan Perks, Max Nielsen, and two others. SUFCO: Wes Sorensen, and Chris Hansen.

Purpose:

Join Forest Service field trip to view subsidence-induced cracks in the bedrock.

Observations:

The group met at the Crazy Bird Shelter and proceeded down the west side of Box Canyon, crossed the canyon, and proceeded down the east side of the canyon. Numerous cracks were observed in the bottom of the canyon, and along both sides. This started at the shelter and proceeded about a mile and a half down the canyon. The bedrock is mostly exposed and cracks were readily visible. Cracks ran north-south and east-west. The widest ones were at the positive flexure lines near the gateroads, which did not subside. Several areas had the cracks adjacent to the rock cliffs at the edge of the canyon. There was concern these blocks might fall into the canyon and indeed, some rock falls were observed on the west side. These were about 100 feet in width and perhaps 30 feet in height.

Those who were there a week or so earlier noted that several cracks had actually closed up and, in the creek bottom, had sealed with sediment. The widest cracks were at the northern end of the mining on the west side and were nearly a foot wide. Carter Reed noted that these subsidence and cracking conditions were anticipated.

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The group also visited Box and Rock Ponds to observe the water levels in the ponds. No unusual conditions were noted. We also visited the newly-discovered archeological site in the 150 acre IBC. There are new regulations regarding such sites, but since this site is part of the previously approved area Janette Kaiser felt they would not apply. It was a cool, sunny, and beautiful day to inspect a very scenic area.

Recommendations/Conclusions:

No recommendations or conclusions are called for.

Signature:  on September 28, 1999
Michael Suflita, Senior Reclamation Specialist

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cc: Pete Hess
Mary Ann Wright
Daron Haddock
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