



Canyon Fuel Company, LLC
SUFCO Mine
397 South 800 West
Salina, UT 84654
(435) 286-4880 Fax: (435) 286-4499

July 19, 2004

Coal Regulatory Program
Attn.: Pam Grubaugh-Littig
Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801

Alvarez
c/041/0002
Incoming

RE: East Fork of Box Canyon Rim Subsidence Crack Repair
Proposed Scope of Work

Dear Ms. Grubaugh-Littig:

As required by the Sufco M&RP, a Scope of Work detailing the plans to repair the open subsidence cracks located on the east and west rims of the East Fork of Box Canyon has been prepared and is attached to this letter. We recognize the concerns the Manti-LaSal Forest has expressed regarding the safety issues presented by the open fractures and believe the planned work will alleviate those concerns.

If you have any questions regarding the information contained in or attached to this letter, please give Mike Davis a call at (435) 286-4421.

Sincerely,
CANYON FUEL COMPANY, LLC
SUFCO Mine

Kenneth E. May
Mine Manager

Encl.

cc: DOGM Price Office
Tom Lloyd - Manti-LaSal National Forest
DOGM Correspondence File

RECEIVED
JUL 21 2004

DIV. OF OIL, GAS & MINING

SUBSIDENCE CRACK REPAIR PROJECT EAST FORK OF BOX CANYON RIM

Introduction

Several open subsidence cracks were formed on the east and west rims of the East Fork of Box Canyon as a result of longwall mining of the 3L Pines panel in late 2003 and early 2004. The cracks are located on Mani-LaSal National Forest lands in the NW¼ of Section 11, T12S, R5E, SLM. Portions of these cracks are open enough to be considered hazardous to humans and wildlife. Therefore, Canyon Fuel Company, LLC Sufco Mine proposes to repair the open cracks using the methods described within this project description.

Methods

The site work will be accomplished using some or all of the following equipment:

- Trackhoe
- Rubber Tired Backhoe
- Pickup Truck w/ utility trailer

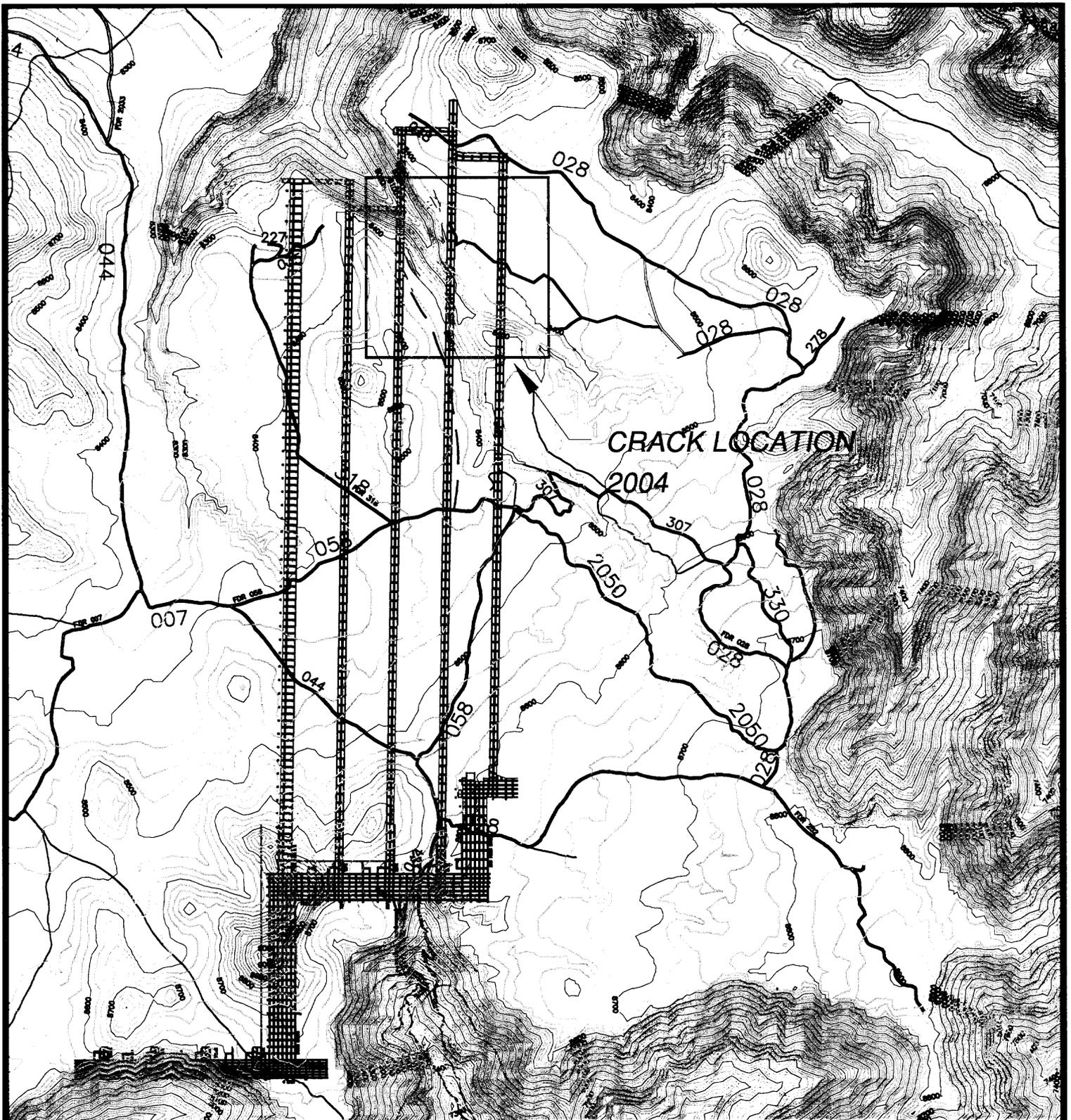
Laborers will be present to operate the equipment and perform other duties as needed. It is anticipated the cracks with large openings will first be partially filled with rock or Omega blocks. The rocks and/or blocks will be used to bridge the opening at the point where the crack becomes too narrow for the rock or blocks to fall farther downward. The rocks used may be, in part, generated by knocking loose rock from the upper edges of the open crack using either the bucket of the track or backhoe or a hydraulic hammer attachment. Rocks, or other available material, will be used to bridge smaller cracks at depth. Once the bridging material is in place, expanding polyurethane foam will be placed on top of the bridge and to within one to two feet of the ground surface. After a suitable time for curing of the polyurethane foam, soils from the area on either side of the cracks will be scraped into the remaining void. The placed soils will be left in a roughened state then seeded using the reclamation seed mix approved for the drill site disturbances that are located in the same general area (01-11-1 and 01-11-2).

Care will be taken to disturb a minimal amount of soils and vegetation within the work area. All spills of equipment fuel or oil, if they occur, will be immediately cleaned-up and the contaminated materials disposed of properly. The expanding polyurethane foam will be confined to the subsurface.

Timing

The field work will commence within a few days of receiving approval from the Division to proceed. The work should be completed within two weeks but actual completion time will depend upon weather conditions and the success of the crack bridging activities.

A map of the location of the cracks has been attached to this project description. Access to the site will be on Forest Roads 007, 028, 044, and 058. Use of these roads by Canyon Fuel Company for drilling access, with the exception of 058, has been previously granted under existing Road Use Permit 0410-02-08 (Pines/Muddy). Additional access will be on unimproved nonservice four wheel tracks that branch off Roads 058 and 028. These tracks will not be improved during the subsidence crack repair process.



Canyon Fuel Company, LLC
SUFCO Mine

EAST FORK BOX CANYON
LOCATION OF SUBSIDENCE CRACKS

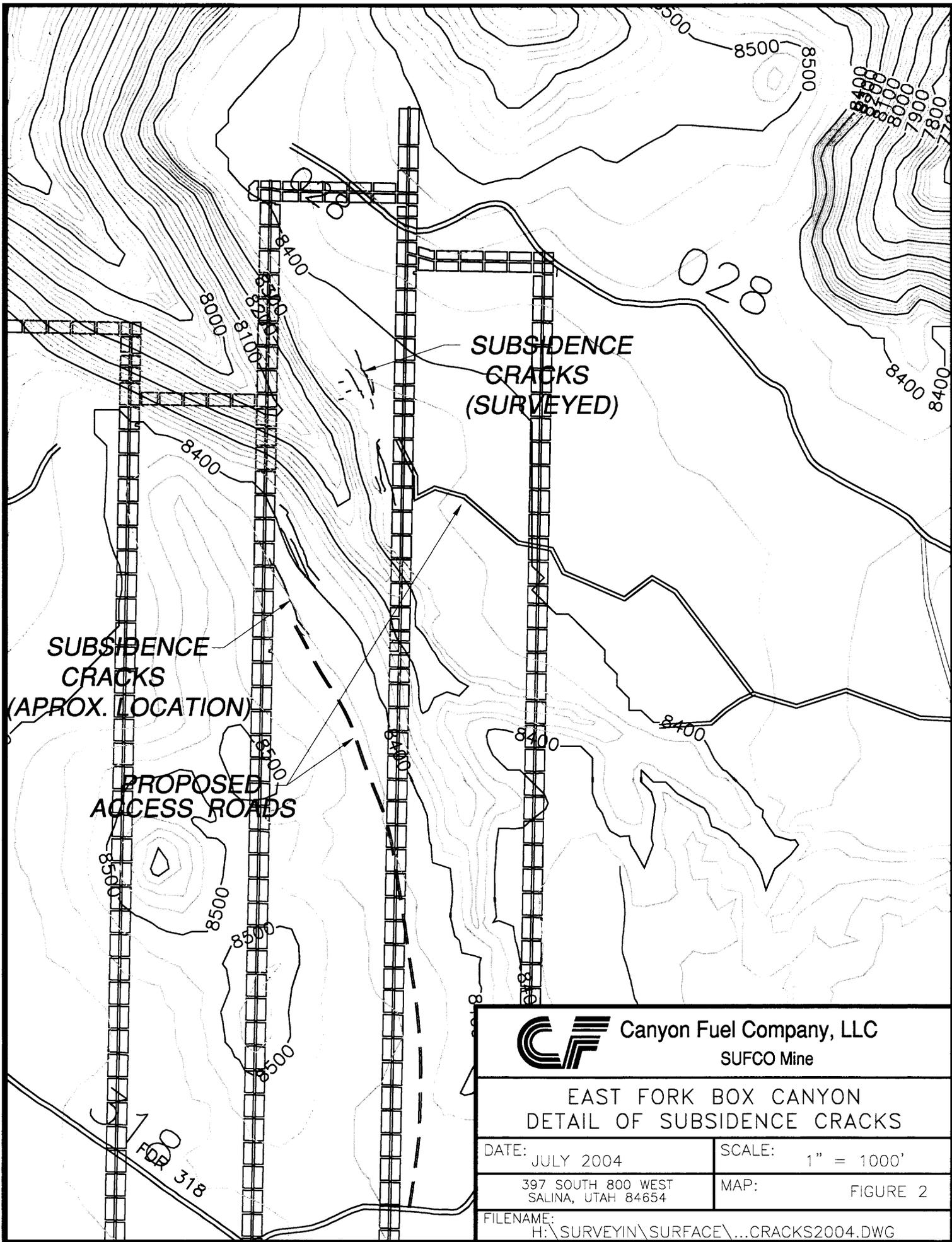
DATE: JULY 2004

SCALE: 1" = 3000'

397 SOUTH 800 WEST
SALINA, UTAH 84654

MAP: FIGURE 1

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SUBSIDENCE
CRACKS
(SURVEYED)

SUBSIDENCE
CRACKS
(APPROX. LOCATION)

PROPOSED
ACCESS ROADS



Canyon Fuel Company, LLC
SUFCO Mine

EAST FORK BOX CANYON
DETAIL OF SUBSIDENCE CRACKS

DATE: JULY 2004	SCALE: 1" = 1000'
397 SOUTH 800 WEST SALINA, UTAH 84654	MAP: FIGURE 2
FILENAME: H:\SURVEYIN\SURFACE\...CRACKS2004.DWG	