

0046



Canyon Fuel
Company, LLC.
Sufco Mine

A Subsidiary of Arch Western Bituminous Group, LLC.

Ken May, General Manager
397 South 800 West
Salina, UT 84654
(435) 286-4400 - Office
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May 25, 2006

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

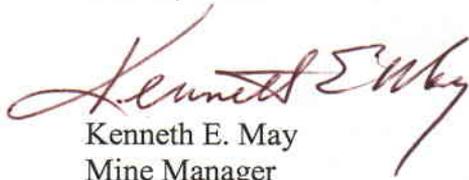
RE: East Fork of the East Fork of Box Canyon Rim Subsidence Crack Repair
Proposed Scope of Work

Dear Mr. Hedberg:

As required by the Sufco M&RP, a Scope of Work detailing the plans to repair the open subsidence cracks located on the rim of the East Fork 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
SUFSCO Mine


Kenneth E. May
Mine Manager

Encl.

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

Sufpub/govt2006/dogm-coor/Subsidence Cover Letter.doc

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DIV. OF OIL, GAS & MINING

SUBSIDENCE CRACK REPAIR PROJECT EAST FORK OF THE EAST FORK OF BOX CANYON RIM

Introduction

Several open subsidence cracks were formed on the North rim of the East Fork of the East Fork of Box Canyon as a result of longwall mining of the 5 Left Pines panel in late 2005 and early 2006. The cracks are located on Manti-LaSal National Forest lands in the SE1/4 of Section 11, and NE1/4 of Section 14, 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 with Utility Trailer
- Dump Truck

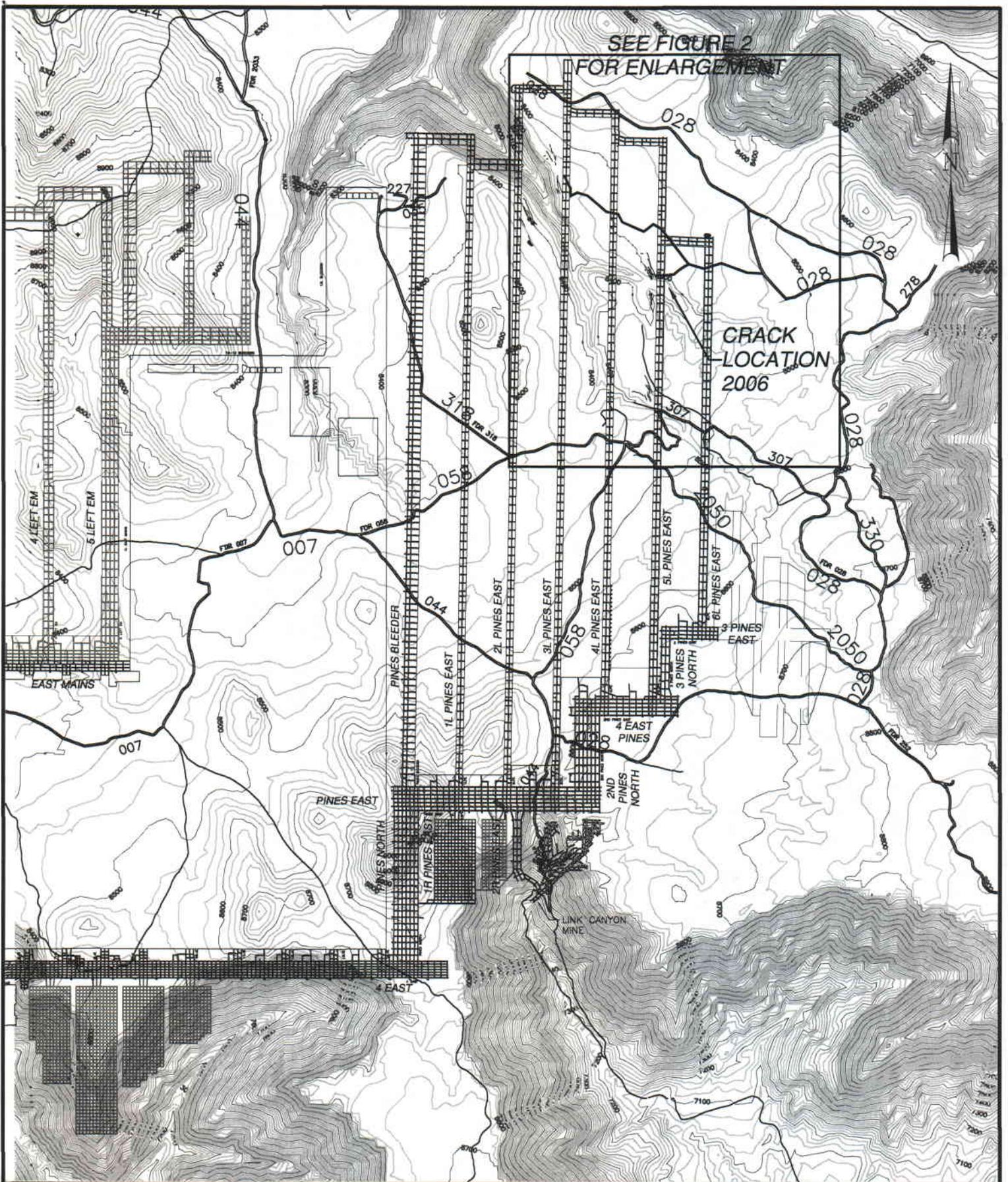
Laborers will be present to operate the equipment and perform other duties as needed. It is anticipated the cracks with large openings will first be partially filled with rock or Omega blocks. The rocks and/or blocks will be used to bridge the opening at the point where the crack becomes too narrow for 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.

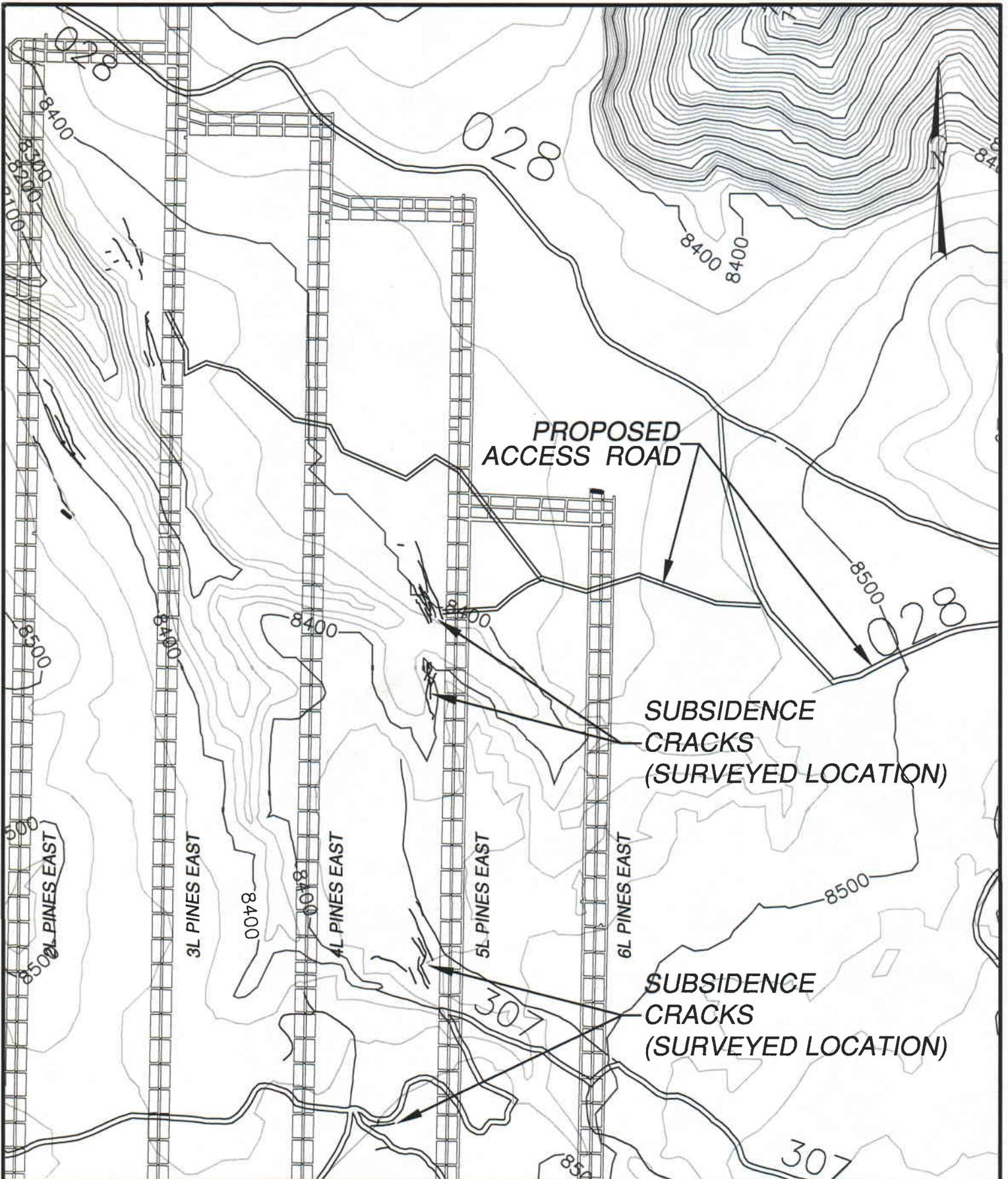
A map of the location of the cracks has been attached to this project description. Access to the site will be on Forest Roads 007, 044, 028, and 307. Use of these roads by Canyon Fuel Company for drilling access has been previously granted under existing Road Use Permit 0410-02-08 (Pines/Muddy). Additional access will be on unimproved non-service four wheel tracks that branch off Forest Road 028 and lead to a solar power pump and cattle water tanks. These tracks will not be improved during the subsidence crack repair process.



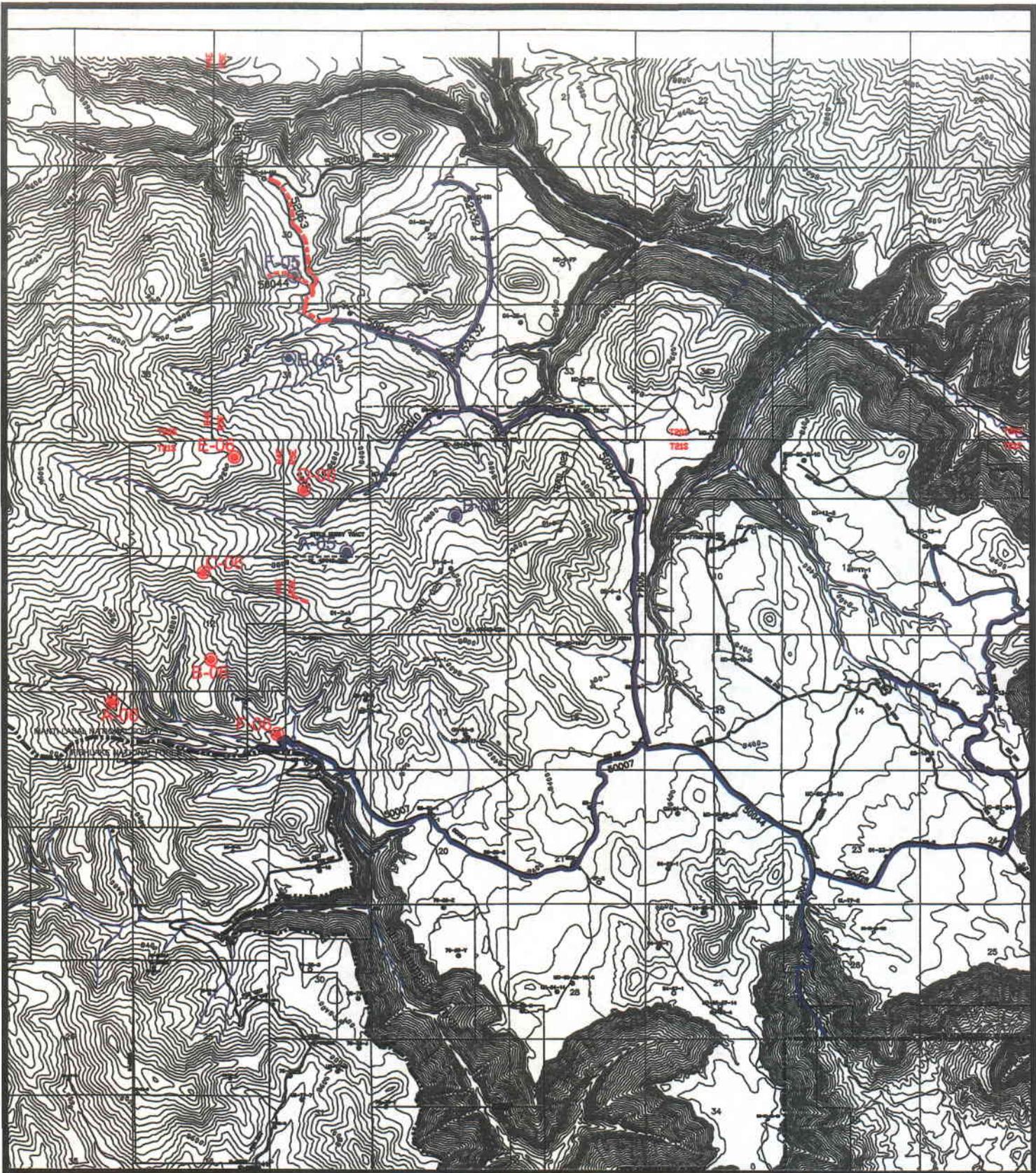
Canyon Fuel Company, LLC
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East Fork Box Canyon		
Location of Subsidence Cracks		
SCALE: 1" = 3000'	DATE: May 2006	DRAWN BY: K.B.B.
ENGINEER: M.L.D.	CHECKED BY: M.L.D.	
FILE NAME: H: \SURVEYN \SURFACE \BOXCANYN...Cracks2006.dwg		

SHEET NO.
Figure 1

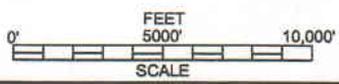


 <p> Canyon Fuel Company, LLC SUFCO Mine 397 South 800 West - Salina, UT 84654 (435) 286-4480 Phone (435) 286-4499 Fax </p>	East Fork Box Canyon		SHEET NO. Figure 2	
	Detail of Subsidence Cracks			
	SCALE: 1" = 1000'	DATE: May 2006		DRAWN BY: K.B.B.
	ENGINEER: M.L.D.	CHECKED BY: M.L.D.		
	FILE NAME: H:\SURVEY\IN\SURFACE\BOXCANYN...Cracks2006.dwg			



MAP 1

- D-06 Proposed 2006 Drillsite
- E-05
- - - - - Proposed Additional Road Use 2006
- Current Road Use Permit 0410-02-8



ARK LAND COMPANY
MUDDY EXPLORATION PROJECT
ROAD USE 2006

SCALE	FILE NO.	SHEET NO.
1"=5000'	ARK/2006/0410-02-8	1 of 1