

File AG/641/002
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UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
FISHLAKE N. F.
RICHFIELD R. D.
115 EAST 900 NORTH
RICHFIELD, UTAH 84701

Reply To: 2820 SUFCO

Date: March 14, 1985

RECEIVED

MAR 14 1985

DIVISION OF OIL
GAS & MINING

SUE LINNER
DIVISION OF OIL GAS & MINING
355 W N TEMPLE
3 TRIAD CENTER SUITE 350
SALT LAKE CITY, UTAH
84180-1203

Dear Ms.Linner;

This letter provides concurrence to the ventilation portal requested by SUFCO in section 5 T.22 S. R.5 E. Please advise them of our action. if futher help is needed please advise District Ranger Charles Allred or Darrel Hintze. We appreciate your cooperation and concern for the environmental impacts generated from this mining activity.

Sincerely,

J. Kent Taylor
J. KENT TAYLOR
Forest Supervisor

cc:Ken Payne. SUFCO
cc:OSM.Denver



Ken Payne
General Manager



**Southern Utah
Fuel Company**

P.O. Box P
Salina, Utah 84654
(801) 529-7428
(801) 637-4880 (Mine)

Subsidiary of
Coastal States
Energy Company

March 12, 1985

RECEIVED

MAR 14 1985

DIVISION OF OIL
GAS & MINING

Ms. Susan Linner
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Ms. Linner:

The additional information you requested by telephone on March 8, 1985 regarding the 5 East breakout portal is included below:

1. Attached is a partial print of the USGS Accord Lakes quadrangle sheet showing the breakout location. Note that it is on the Fishlake Forest in the W 1/2, NE 1/4, NE 1/4, section 5, T225, R5E.
2. Extraordinary care will be exercised in "holing through" to the surface to minimize downslope casting of material. Material will be pulled back into the mine entries. No pads will be constructed on the slope. The slope gradient is in excess of 100%.
3. The 5 East breakout area will be reclaimed in the same manner as previously committed for other portals broken out from within the mine. Those commitments are addressed in M&RP, Volume 8, February 1984 response to stipulation 817.56-(1-5)-DD and include:

Reclamation of Breakout Areas -- The area to be disturbed at the site is less than one acre (approximately 30 feet square) and a detailed reclamation plan should not be required for a site of this size. However, the regulatory authorities have required that methods be discussed if they are to vary from those proposed for the primary mine portal area in East Spring Canyon, or to show that they do not vary from those proposed for the mine portal area. Such discussion follows.

Sealing -- A breakout seal will be constructed in the breakout area from the inside as shown on the Typical Portal Seal drawing presented in Volume 3 at page 216. The seal will be of a substantial design and constructed of concrete block utilizing a waterproof sealant such that the seal will withstand the hydraulic head that could develop if the entire mine was inundated.

In compliance with 30 CFR 75.1711-2, seals will be installed in all entries as soon as mining is completed and the mine is to be abandoned. Prior to installation, all loose material within three feet of the seal area will be removed from the roof, rib, and floor. The mine entry seals will be made of solid concrete blocks (average minimum compressive strength of 1,800 psi; tested in accordance with A.S.T.M. C-140-70) and mortar (one part cement, three parts sand, and no more than seven gallons of water per sack of cement).

Seals will be installed in the following manner: The seal will be recessed at least 16 inches deep into the rib and 12 inches deep into the floor. No recess will be made into the roof. The blocks will be at least six inches high except on the top course, and eight inches wide. The blocks will be laid and mortared in a transverse pattern. In the bottom course, each block will be laid with the long axis parallel to the rib. The long axis in succeeding courses will be perpendicular to the long axis block in the preceding course. An interlaced pilaster will be constructed in the center. The seals will have a total thickness of 16 inches. The entry will then be backfilled and graded to the slope of the area surrounding the portal entry. For details, see Figures 783.13/A and 783.13/B.

Revegetation -- The 5 East breakout area consists of one portal located on a north-facing slope in the pinyon-juniper and douglas fir community type. This community is very similar to the other portal sites. Vegetation and soils information is contained in M&RP, Volume 5, in "Report of Studies of Vegetation and Soils for Coastal States Energy Company Convulsion Canyon Mine of Southern Utah Fuel Company (SUFCo) Sevier County, Utah". The disturbance area at the site will be so small as to create minimal disturbance to the surrounding vegetative communities. The understory grass and forb species of this community type are very similar to that found in the mine portal area and, therefore, no change in the seed mix is recommended for reclaiming this site. After sealing and burial of the breakout opening, scarification of the slope by hand raking will take place. Then the appropriate amounts of the standard seed mix will be planted. Establishment of shrub species will take place by natural reinvasion.

Ms. Susan Linner
March 12, 1985
Page 3

This information along with the original January 28, 1985 request for the 5 East portal breakout attached as Exhibit I should be included as part of our M&RP in the back of Volume 8. Included are the seven copies required to update the M&RP.

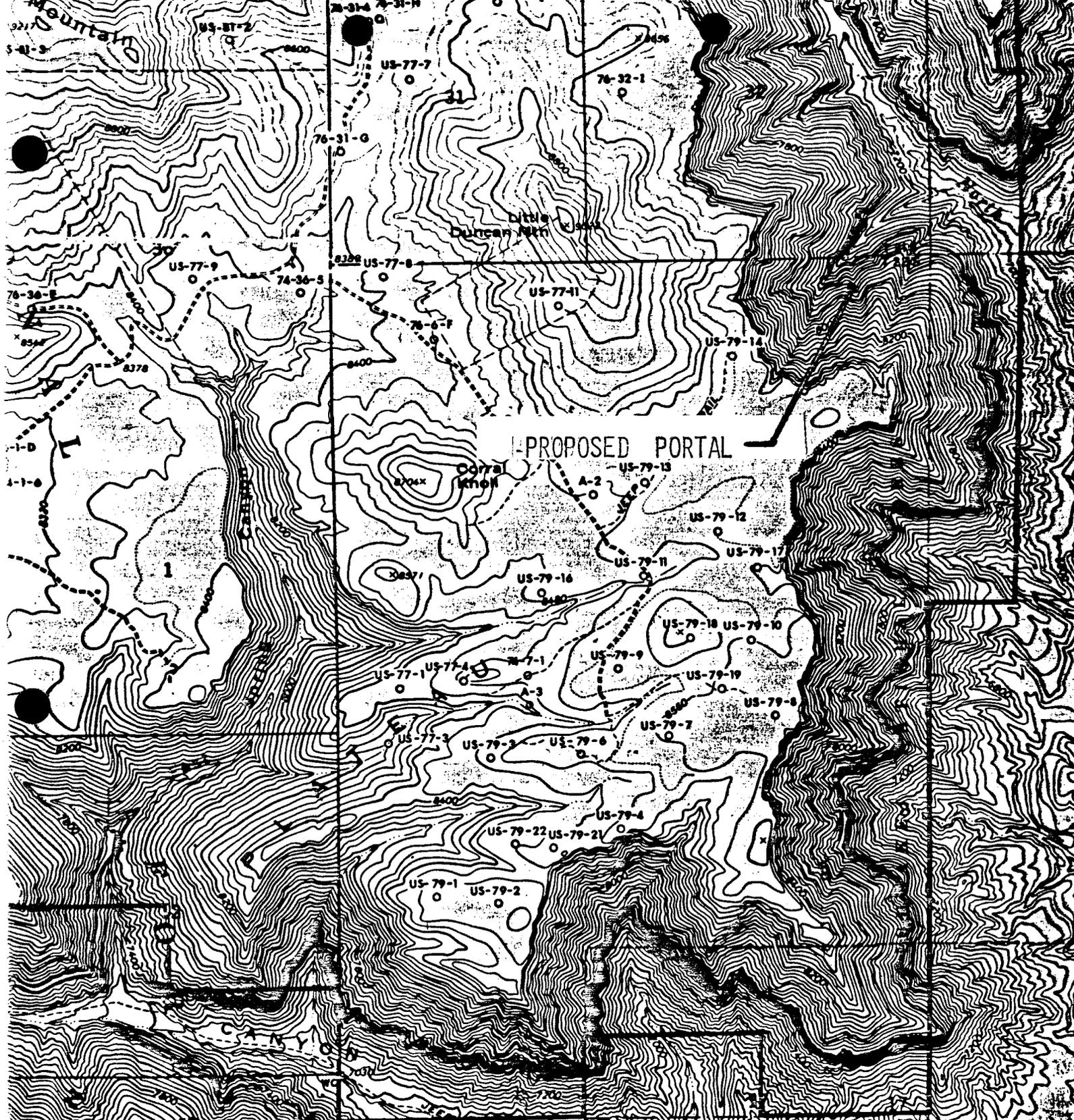
Sincerely,
SOUTHERN UTAH FUEL COMPANY


Ken Payne
V. P. & General Manager

WKS:cfc

Enclosures

xc: Fishlake Forest
Manti-LaSal Forest
Sevier County Recorder



**SOUTHERN UTAH FUEL CO.
MINE NUMBER ONE**

5 EAST BREAKOUT PORTAL LOCATION MAP

DATE 11 MARCH '85	SCALE 1:24,000
DRAWN BY	DRAWING NO.



Ken Payne
General Manager

EXHIBIT I



**Southern Utah
Fuel Company**

P.O. Box P
Salina, Utah 84654
(801) 529-7428
(801) 637-4880 (Mine)

Subsidiary of
Coastal States
Energy Company

January 28, 1985

Mr. Ron Daniels
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, UT 84180-1203

Dear Mr. Daniels:

We herein request Division approval to construct a new ventilation portal into Quitchupah Canyon at the eastern outcrop of our Southern Utah Fuel Company Mine Number One. We believe the request can be processed and approved as a minor modification to our Mining and Reclamation Plan submittal.

Two maps of SUFCo's underground operations are enclosed. Map One shows the entire underground operation and mine layout. Map Two shows the proposed portal location and details underground entry development required for access to the single opening.

The proposed new portal will be used for ventilation air intake to the easterly section in the mine. In addition, it will also provide increased safety to the miners by allowing for quick escape from the 5 East and 6 East work areas in the event the mine requires evacuation.

Portal construction in this area has been previously addressed as part of the Mining and Reclamation Plan submittal. The portal we are now requesting is in the same location as the one originally shown in Volume 1, Map 1-A. It is also indicated on Map 80-2, Volume 3 at the northern end of the 4 North entries. Underground mine planning has varied from the projections of both Map 1-A and Map 80-2 with regard to panel orientation.

With your approval, work on this project will begin near the end of March 1985. This portal will be constructed in a similar manner to the 3 East and Quitchupah portal projects except that only one opening to the surface will be made. For construction details, see our mine plan submittal, Volume 3, pages 215-219. There are no plans for any surface access to the location or any surface construction activity. We are not expecting any water drainage from the portal since mining activity will include measures to prevent water discharge. Upon abandonment, this portal will be sealed according to the Mining and Reclamation Plan submittal, Volume 3, page 215.

Mr. Ron Daniels
January 28, 1985
Page 2

Our archeological consultants performed a cultural resource inventory near to the proposed portal in 1982. The conclusion and recommendations of that inventory indicate a low probability of resource impact. A copy of that report is attached.

Please review and approve this request. If you have any questions or need more information, contact myself or Bob Ochsner.

Yours truly,
SOUTHERN UTAH FUEL COMPANY



Ken Payne
V. P. & General Manager

REO:cfc

Enclosures

xc: Sam Rowley, BLM



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010
Tel: (801) 292-7061 or 292-9668

January 8, 1982

Subject: Cultural Resource Inventory of a Coal Mine
Ventilation Breakout in the Little Duncan
Mountain Locality in Sevier County, Utah.

Project: Southern Utah Fuel Company, Mine Number 1

Project No.: CSEC-82-1

Permit: NA

To: Mr. Keith Welch, Environmental Coordinator,
Coastal States Energy Company, 411 West
7200 South, Suite 200, Midvale, Utah 84047

GENERAL INFORMATION:

On January 6, 1982, AERC was requested to do a cultural resource inventory of a proposed ventilation portal breakout in the 3 East drift of Southern Utah Fuel Company's Mine Number One. The proposed ventilation portals will be opened from within and are located in Township 21 South, Range 5 East, NE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the NE $\frac{1}{2}$ of Section 32 (see map). The area of impact to the surface will be limited to the actual positions of emergence which will consist of three portals, each approximately 10 feet high by 18 feet wide, spaced about 30 feet apart. No new roads are proposed as surface access to these portals.

Snow cover and the steep northeast facing slope precluded examination of breakout area at this time. Surface access to the proposed portal location would be difficult even without snow cover, however, because of the steepness of the slope.

CONCLUSION AND RECOMMENDATIONS:

The location of the proposed impact area will be on a steep (35⁰) northeast facing slope at an elevation of about 7600 feet where the possibility for a cultural resource site, based on previous AERC inventories in adjacent areas, is considered extremely low. In addition, the total surface area of the proposed disturbance will be limited to the size of each portal and will be located within the face of the coal outcrop. For these reasons, AERC does not consider that an inventory evaluation of the actual surfaces is warranted and recommends that a cultural resource clearance be granted to Southern Utah Fuel Company based upon adherence to the following stipulation:

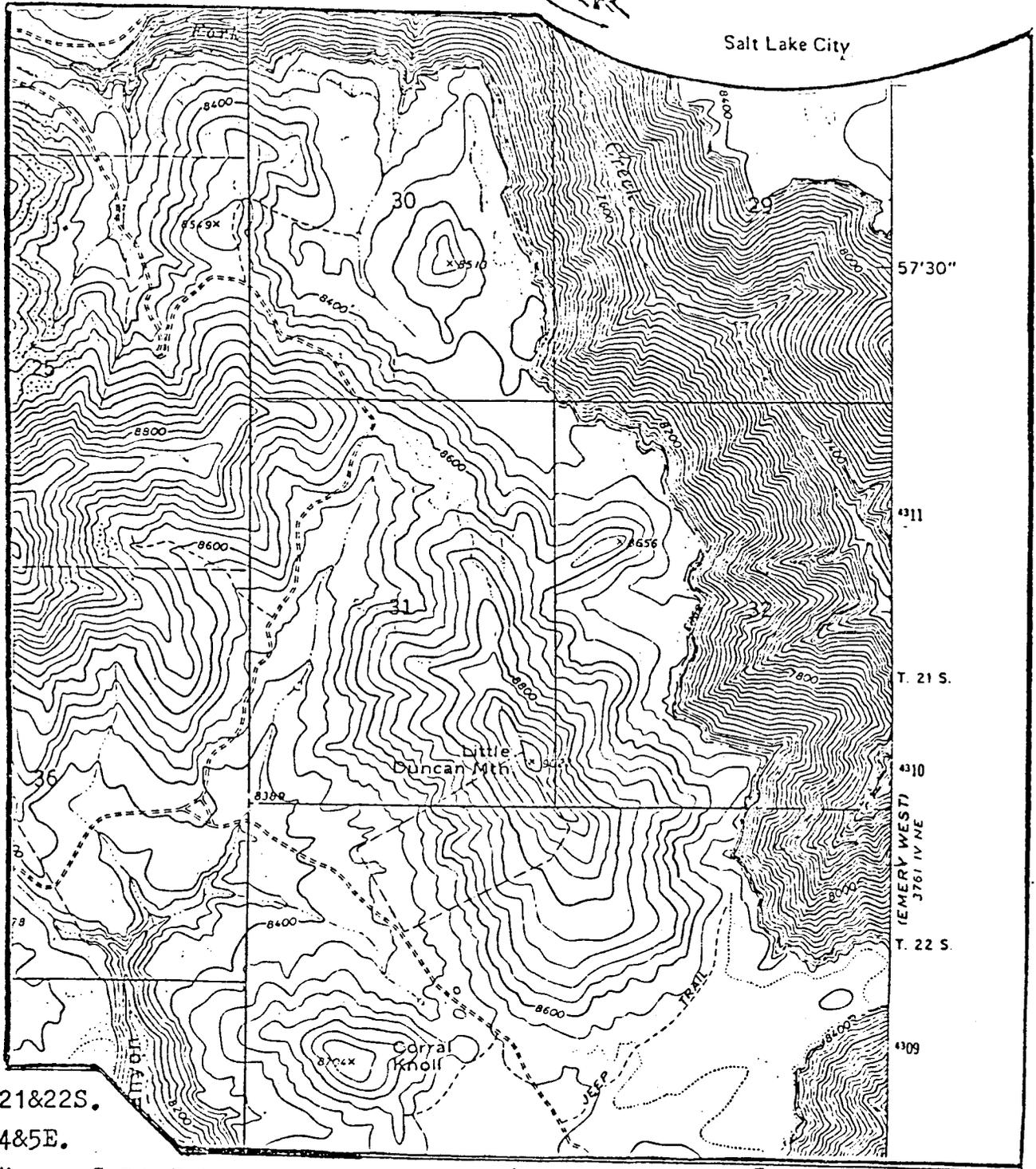
A qualified archeologist is consulted should cultural remains from surface or subsurface deposits be exposed during construction of the portals.

Dennis G. Weder

Dennis G. Weder
Staff Archeologist

F. R. Hauck, Ph.D. (by dp)
F. R. Hauck, Ph.D.
President

Salt Lake City



T. 21&22 S.
R. 4&5 E.

Meridian: Salt Lake B. & M.

Quad:

Accord Lakes,
Utah
7.5 Minute
USGS

Project: CSEC-82-1
Series: Central Utah
Date: 1-8-82

LOCATION OF PROPOSED
VENTILATION PORTALS,
SOUTHERN UTAH FUEL COMPANY,
MINE NUMBER ONE IN THE
LITTLE DUNCAN MOUNTAIN
LOCALITY OF
SEVIER COUNTY, UTAH

Legend:

Proposed
ventilation
portal

