



0005

ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

July 15, 1981

Subject: Cultural Resource Evaluation on Upper Eccles
Canyon, Carbon and Emery Counties

Project: Coastal States Energy Company, 1981 Seismic
Lines

Project No.: CSEC-81-1

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

Mr. Ira Hatch, District Ranger, Price District,
Manti-LaSal National Forest, 10 N. Carbon #2,
Price, Utah 84501

Forest Supervisor, Manti-LaSal National Forest,
350 East Main Street, Price, Utah 84501

Info: Mr. H. G. Wylie, Region 4 Archeologist, U.S.
Forest Service, 324 - 25th Street, Ogden, Utah
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GENERAL INFORMATION:

Archeological-Environmental Research Corporation was contracted by Coastal States Energy Company to conduct cultural resource investigations in the Skyline area of six proposed seismic line corridors located within the Price Ranger District of the Manti-LaSal National Forest.

The archeological survey took place between June 15 and July 3, 1981, consisting of ten field days involving staff archeologist, Dennis G. Weder, and two other surveyors. Approximately 8.5 miles of seismic line corridor was investigated. The seismic line corridor is located in Township 13 South, Range 6 East, Sections 10, 11, 13, 14, 15, 23, and 24.

Methodology:

The survey was conducted by archeologists walking a 350 foot wide corridor, coordinating the seismic line layout with a Brunton compass. The center of the line was designated with orange flagging and the outer boundaries were marked with yellow flags.

Topography and Environmental Background:

The project area is located within the steep montane region of Upper Eccles Canyon. The perennial drainages designated in the locality flow southwest emptying into Huntington Creek.

The elevation ranges from 880 to 9200 feet along both Carbon and Emery County. This montane area is marked by normal annual precipitation of 30 inches with a May to September average of only eight inches. Geologically, the project area is characterized by Castlegate sandstone, a cliff forming stratum of detalic sandstone, and the Cretaceous age Blackhawk

group which consists of sandstone, mudstone, shale and coal deposits.

The Montane ecozone of Upper Eccles Canyon is forested by north-facing dense evergreens, while sparser concentrations mark the dryer southern exposure. The flora and fauna commonly found in the project locality are as follows:

Vegetation Located in Project Area

Subalpine fir	<u>Abies lasiocarpa</u>
Engelmann spruce	<u>Picea engelmannii</u>
Blue spruce	<u>Picea pungens</u>
Aspen	<u>Populus tremuloides</u>
Larkspur	<u>Delphinium occidentale</u>
Milkvetch	<u>Astragalus Alpinus sp.</u>
Forget-me-not	<u>Myosotis alpestris</u>
Silky Phacella	<u>Phacilia sericea</u>
Violet	<u>Viola glabella</u>
Lupine	<u>Lupinus sp.</u>
Waterleaf	<u>Hydrophyllum capitatum</u>
Holly grape	<u>Mahonia repens</u>
Big Sagebrush	<u>Artemisia tridentata</u>

Fauna Located in Project Area

Elk	<u>Cervus canadensis</u>
Mule deer	<u>Odocoileus hemionus</u>
Coyote	<u>Canis latrans</u>
Gray fox	<u>Urocyon cinereoargenteus</u>
Red fox	<u>Vulpes fulva</u>
Badger	<u>Taxidea taxus</u>
Bobcat	<u>Lynx rufus</u>
Porcupine	<u>Erethizon dorsatum</u>
Striped skunk	<u>Mephitis mephitis</u>

3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction work or if the need arises to relocate or otherwise alter the construction area.

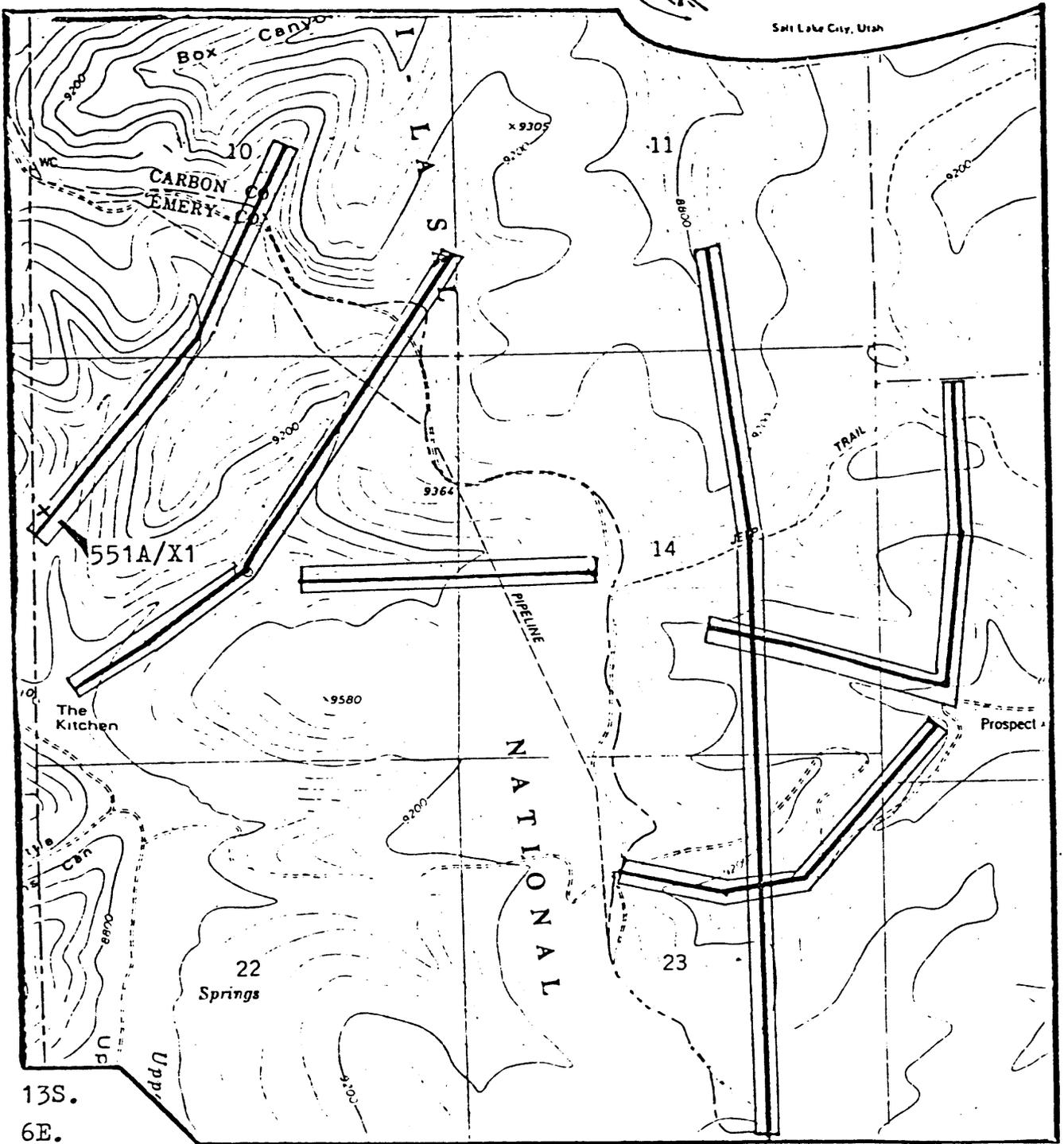
D. Weder (by Lett)
Dennis G. Weder
Staff Archeologist

F. R. Hauck
F. R. Hauck, Ph.D.
President



ARCHAEOLOGICAL - ENVIRONMENTAL
RESEARCH CORPORATION

Salt Lake City, Utah



T. 13S.
R. 6E.

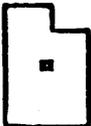
Meridian: Salt Lake B. & M.

Quad:

Project: CSEC-81-1
Series: Central Utah
Date: 7-10-81

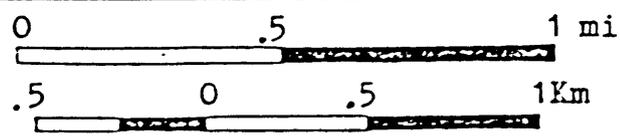
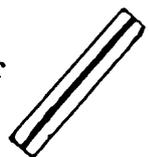
SEISMIC CORRIDOR
EVALUATIONS IN THE
SKYLINE PROJECT AREA OF
THE MANTI-LA SAL NATIONAL
FOREST OF EMERY AND
CARBON COUNTIES, UTAH

Scofield, Utah
7.5 Minute
USGS



Legend:

Seismic
Corridor



Scale