

File in Eureka
 Cherry
 R. [Signature]
 File
 msa
 msa

Form 1542-4
 (April 1976)
 (formerly 4-1123)

0037
 UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 ROUTING AND TRANSMITTAL SLIP

TO			ACTION	ROOM NO.
CODE	NAME	ORGANIZATION		
	RON DANIELS			
	State Division of Oil, Gas and Mining			
	1588 West North Temple			
	Salt Lake City, UT 84116			

Indicate Action by Number

RECEIVED

JAN 4 1980

1. Necessary action
2. Approval
3. Signature
4. Prepare reply
5. Your comment and return

6. Note and return
7. Note and return
8. Your information
9. See me
- 10.

From Heidi Roberts	Date 1/2/80	DIVISION OF OIL, GAS & MINING	Room No.
Office Utah State Office			Phone 524-5328

Remarks
 Enclosed are the Reports of archaeological inventories done in T.13 South R. 12 East. as requested by Mary Ann Wright

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 BUREAU OF LAND MANAGEMENT
 Moab District Office

Summary Report of
 Inspection for Cultural Resources

BLM Use Only. Use Initials.
Case File No. 007-19
Report Acceptable Yes ___ No ___
Mitigation Acceptable Yes ___ No ___
Comments:

. Project Name, Developer Pacific Transmission Supply Company A Proposed Gas Well Location in the Nine Mile Canyon locality of Carbon County, Utah (PTS-78-1)

. Legal Description of Project Area (Attach Map Also) Township 12 South, Range 15 East, NW $\frac{1}{4}$ of NE $\frac{1}{4}$ of NW $\frac{1}{4}$, Section 22

. Institution Holding Antiquities NA. No collections were made.	4. Antiquities Permit No. 78-Ut-014 (M-27)
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. Dates of Field Work
August 7, 1978

. Description of Examination Procedures
The drilling location had a short (less than 60 meters) access route marked by a line of red flagging in sagebrush between the drilling site and the existing road. The archeologist cleared the route 15 meters to either side of the flagged line by walking (see separate sheet)

. Description of Findings (Attach forms or detailed report, if appropriate)
No archeological sites or cultural resources of any type were observed in or adjacent to the area to be developed.

. Actual/Potential National Register Properties Affected
No National Register Properties will be affected by the project.

. Conclusions/Recommendations 1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations; 2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and 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.

. Signature of Person in Direct Charge of Field Work
JR Hauck

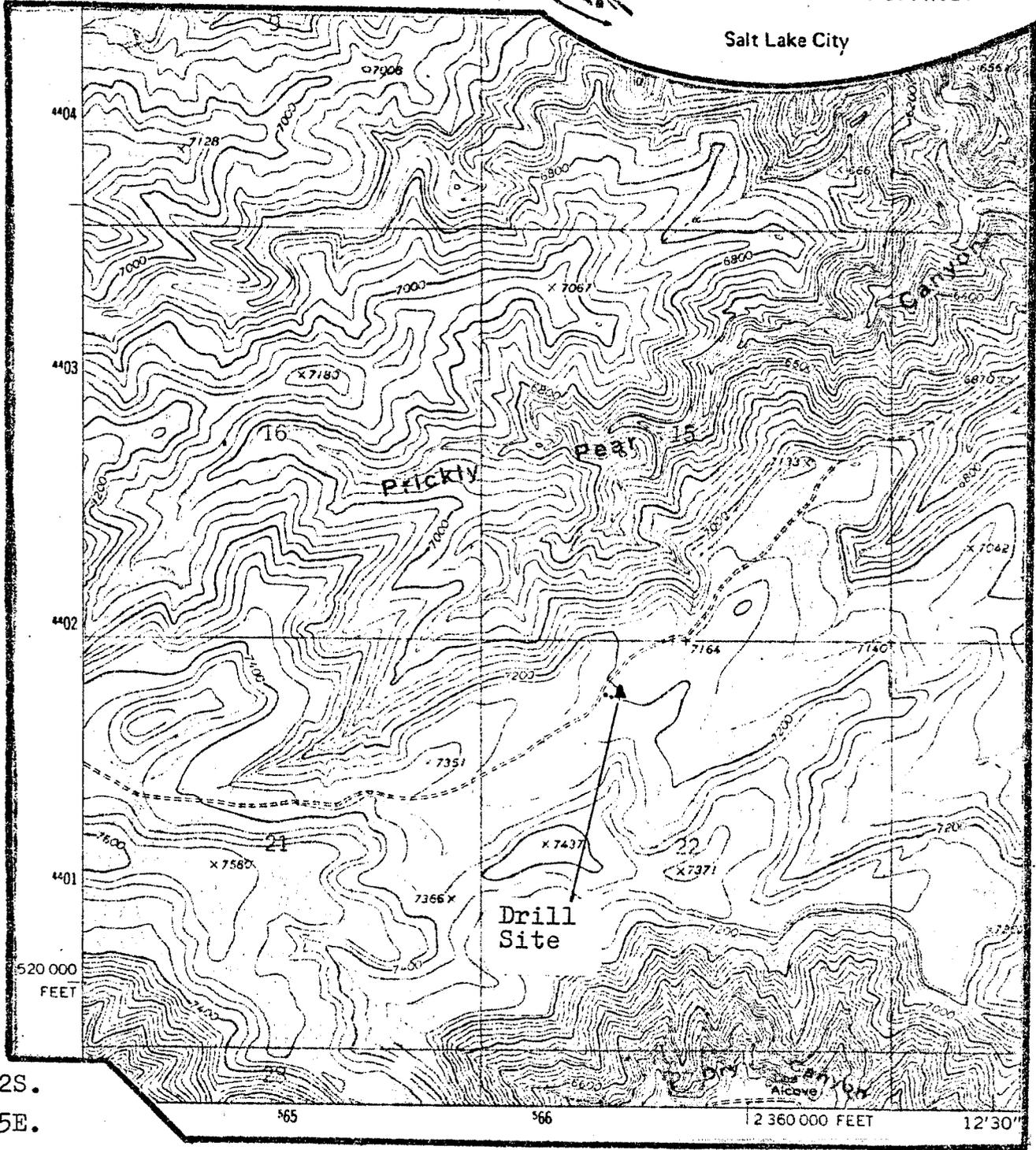
. Signature of Title of Institutional Officer Responsible
JR Hauck

PTS-78-1
Summary Report
p. 2

5. (Continued) parallel to the route. The drill point was marked by a heavily flagged column of stakes and the pad location was marked by a rectangular pattern of red-flagged stakes. The proposed area appeared to measure 90 meters X 45 meters. The archeologist covered the area and an additional 10 meter fringe by walking parallel transects 10 meters apart.



Salt Lake City



T. 12S.
R. 15E.

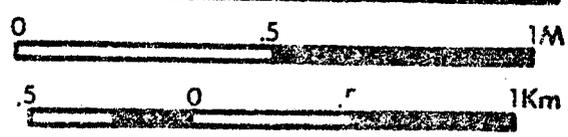
Meridian: Salt Lake B and M

Quad:
Cowboy Bench
7.5' Series

Project: PTS-78-1
Series: Uinta Basin
Date: 8/8/78

GAS WELL LOCATION
IN THE
NINE MILE CANYON LOCALITY
OF
CARBON COUNTY, UTAH

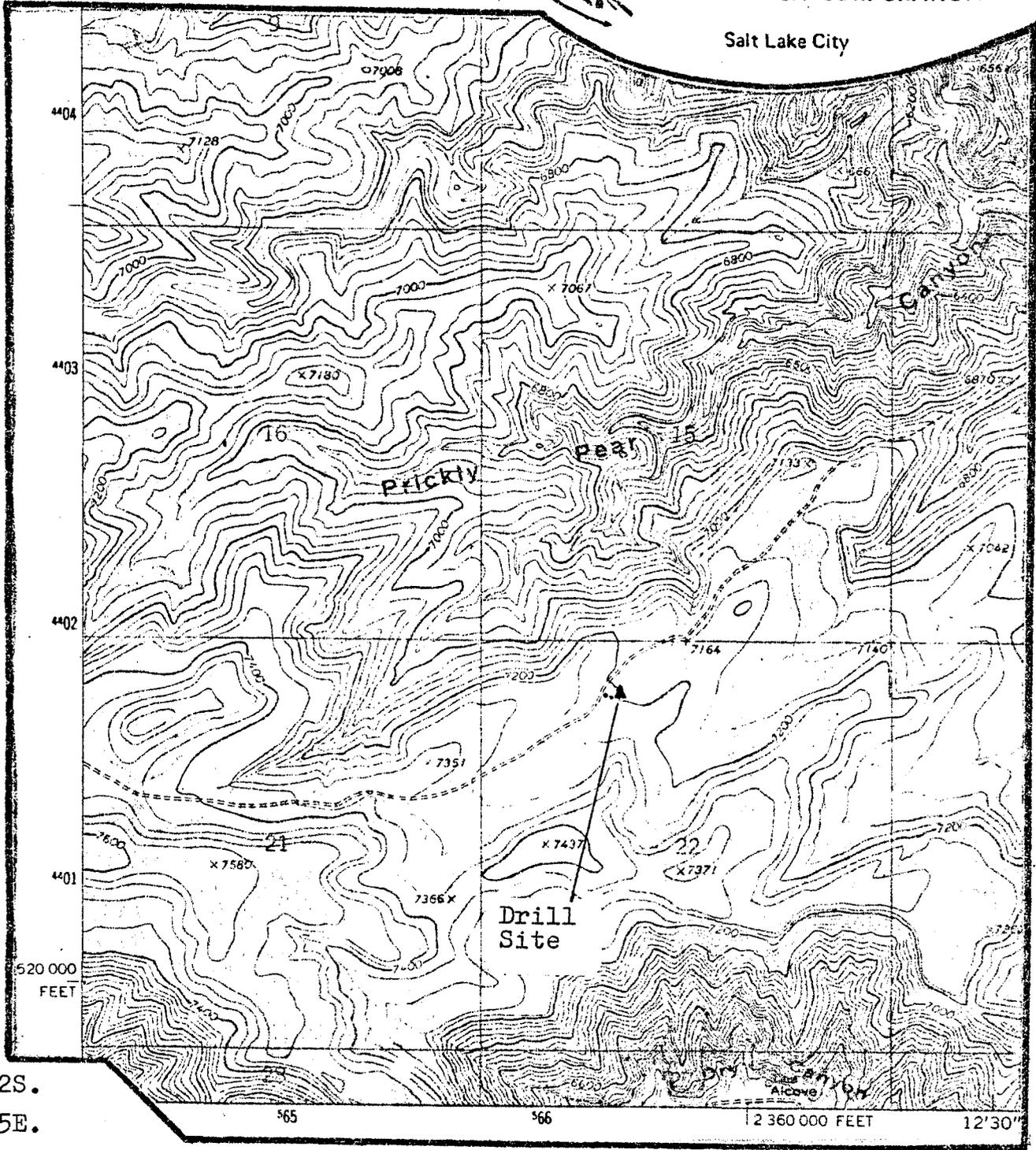
Legend:
Drill Site
Access Road



Scale



Salt Lake City



T. 12S.
R. 15E.

Meridian: Salt Lake B and M

Quad:

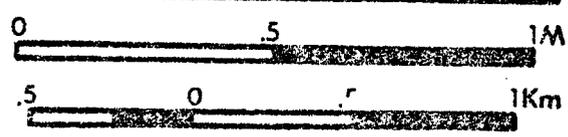
Project: PTS-78-1
Series: Uinta Basin
Date: 8/8/78

GAS WELL LOCATION
IN THE
NINE MILE CANYON LOCALITY
OF
CARBON COUNTY, UTAH

Cowboy Bench
7.5' Series

Legend:

Drill Site
Access Road



Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

BLM Use Only: U Initials.
Case File No. 007-18
Report Acceptable Yes ___ No ___
Mitigation Acceptable Yes ___ No ___
Comments: _____

Project Name, Developer
Pacific Gas & Electric Co.
Cultural Resources Survey of Two Proposed Drill Pads (Units 8-3 and 10-3) and One Access Route in the Pine Canyon Locality of Carbon County, Utah (PGE-78-1)
Legal Description of Project Area (Attach Map Also)
Township 13 South, Range 12 East, Sections 8 and 11

Institution Holding Antiquities
IA. No collections were made.

4. Antiquities Permit No.
78-Ut-014 (M-37)

Dates of Field Work
September 1, 1978

Description of Examination Procedures
An archeologist walked parallel and zigzag transects of the proposed drill pads and access road to be located within the areas indicated on the attached map. The survey areas were not previously flagged but were clearly defined by Albert Spensco of PGE to the archeologist in the field before he began the survey. (See attached sheet)
Description of Findings (Attach forms or detailed report, if appropriate)
No cultural resources were observed in the survey areas.

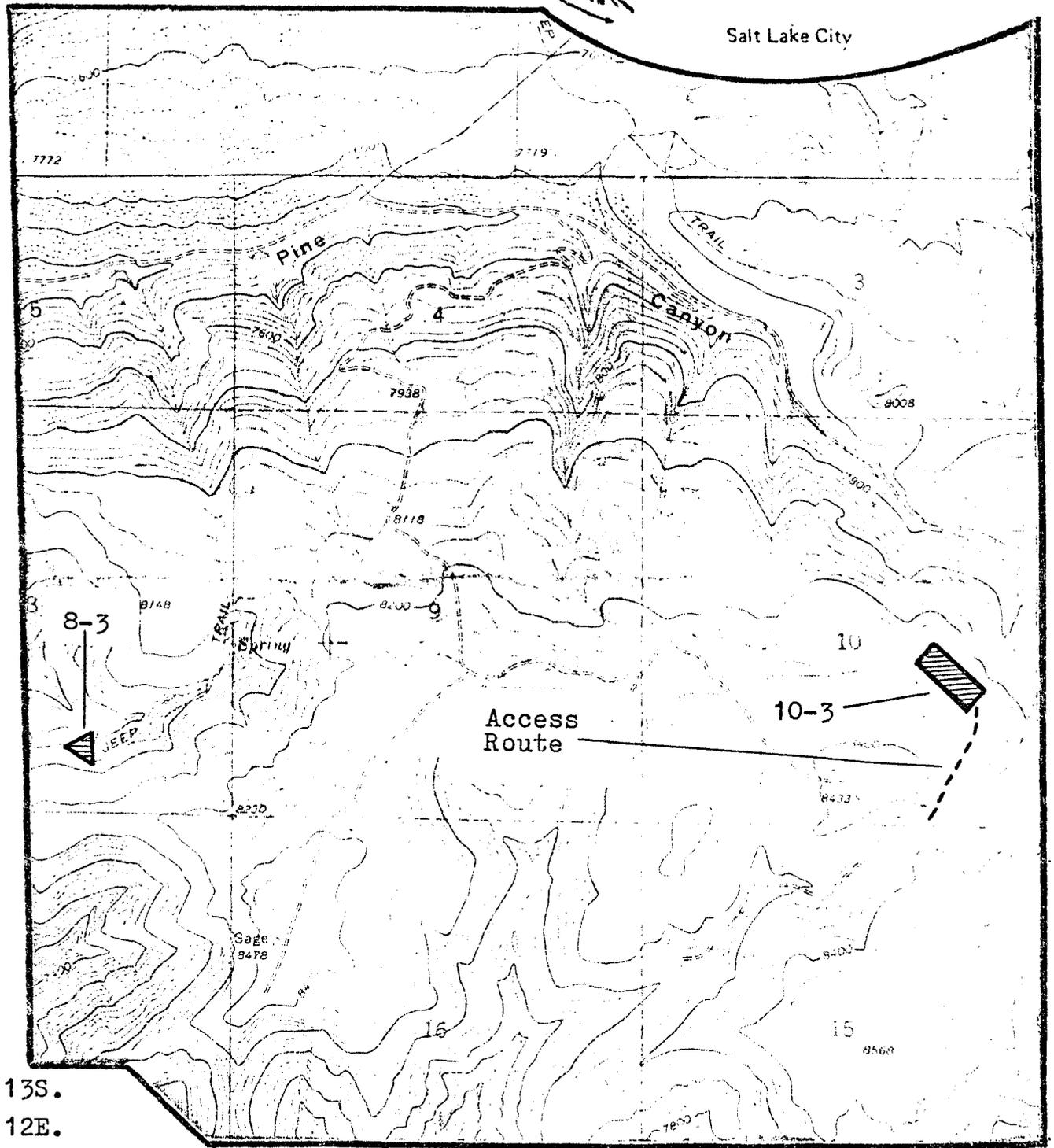
Actual/Potential National Register Properties Affected
National Register properties will be affected by construction activities in the survey areas.

Conclusions/Recommendations With compliance to the following stipulations, a cultural resources clearance can be recommended to Pacific Gas and Electric: 1. vehicular traffic, personnel movement, and construction be confined to the roads examined and to access roads leading into these locations; 2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and 3. a qualified archeologist be consulted should any remains from subsurface deposits be exposed during construction work or need arises to relocate or otherwise alter the construction area.

Signature of Person in Direct Charge of Field Work
Signature of Title of Institutional Officer Responsible
J. R. Hancock for Sam Kennette
J. R. Hancock



Salt Lake City



T. 13S.
R. 12E.

Meridian: Salt Lake B & M

Quad:

Project: PGE-78-1
Series: East Central
Utah
Date: 9/8/78

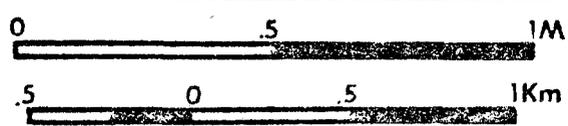
AREAS FOR
PROPOSED DRILL PADS
IN THE
PINE CANYON LOCALITY
OF
CARBON COUNTY, UTAH

Pine Canyon
7.5' Series

Legend:

Area Surveyed
for Drill Pad

Access Route - - - -



Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

BLM Use Only Use Initials.

Case File No.

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments:

Project Name, Developer Cultural Resources Survey of a Drill Pad (Unit 16-2) and Access Route in the Pine Canyon
Pacific Gas & Electric Co. Locality of Carbon County, Utah (PGE-78-1a)

Legal Description of Project Area (Attach Map Also)

Township 13 South, Range 12 East, Sections 15, 16, 21, 22, and 28

Institution Holding Antiquities

4. Antiquities Permit No.

NA. No collections were made.

78-Ut-014 (M-37)

Dates of Field Work

September 1, 1978

Description of Examination Procedures An archeologist walked parallel and zigzag transects of a proposed drill pad and access road to be located within the areas indicated on the attached map. The survey areas were not previously flagged but were clearly defined by Albert Spensco of PGE to the archeologist in the field before he began the survey. (See attached sheet)

Description of Findings (Attach forms or detailed report, if appropriate)

No cultural resources were observed in the survey areas.

Actual/Potential National Register Properties Affected

No National Register properties will be affected by construction activities in the survey area.

Conclusions/Recommendations With compliance to the following stipulations, a cultural resources clearance can be recommended to Pacific Gas & Electric:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations; 2. all personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area; and 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

Signature of Person in Direct Charge of Field Work

F. R. Hauck for U. G. Norman
F. R. Hauck, Ph.D. 9/8/78

Signature of Title of Institutional Officer Responsible

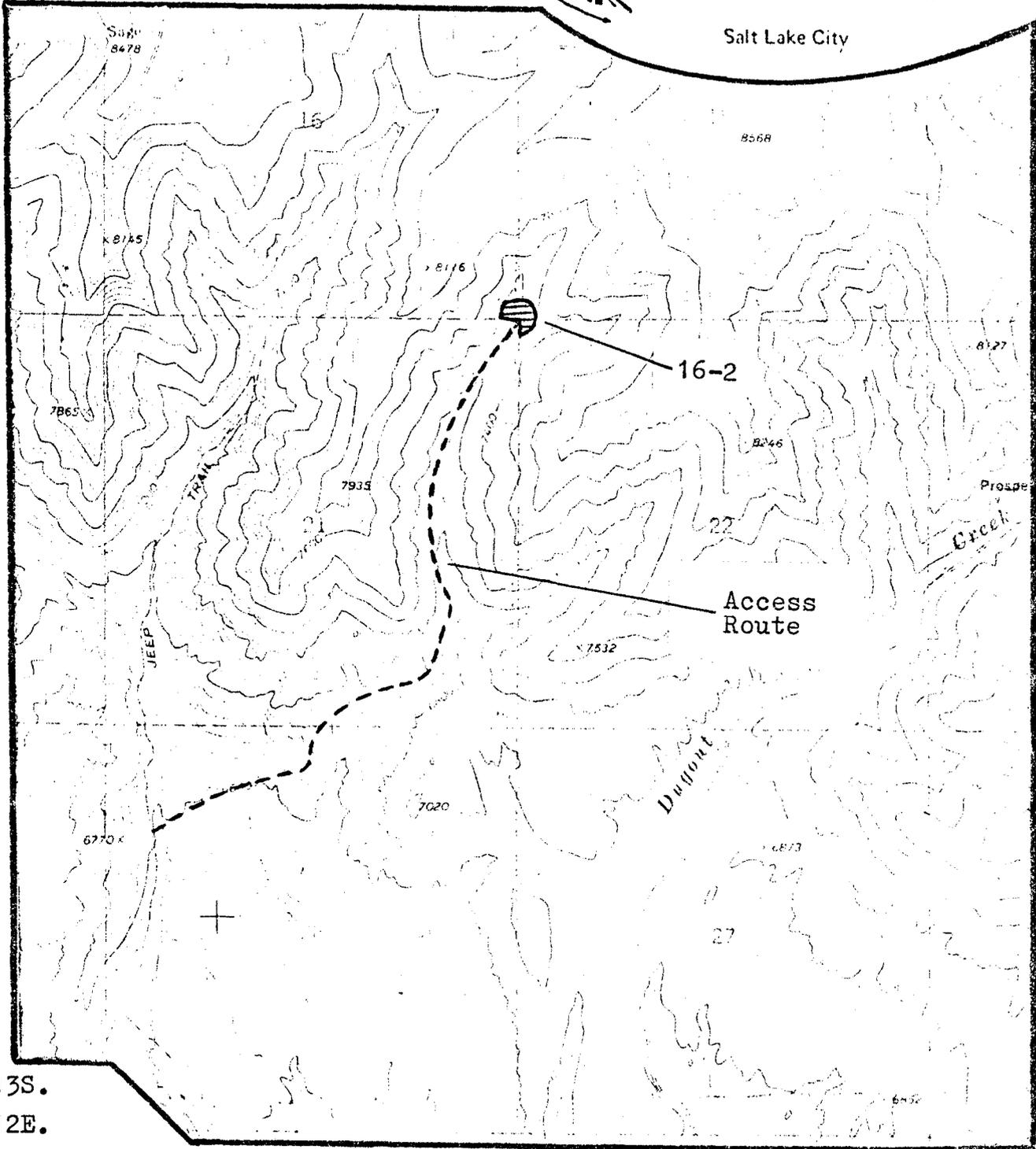
F. R. Hauck

PGE-78-1a
Report Summary
8/9/78
p. 2

6. (Continued) Ample survey areas were covered to allow flexibility in locating the drill pad. The access route covered was on the west side of the wash through the narrow canyon in Section 21. A wide zigzag pattern was walked from the improved jeep road across Section 28. Ridge areas of greatest site potential were examined more thoroughly.



Salt Lake City



T. 13S.
R. 12E.

Meridian: Salt Lake B & M

Quad:

Project: PGE-78-1
Series: East Central
Utah
Date: 8/9/78

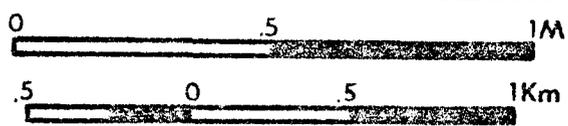
AREAS FOR
PROPOSED DRILL PAD
IN THE
DUGOUT CREEK LOCALITY
OF
CARBON COUNTY, UTAH

Pine Canyon
7.5' Series



Legend:

Area Surveyed 
Access Route 



Scale

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Moab District Office

Summary Report of
Inspection for Cultural Resources

BLM Use Only: Use Initials.

Case File No. 07-21

Report Acceptable Yes ___ No ___

Mitigation Acceptable Yes ___ No ___

Comments: _____

1. Project Name, Developer Mountain Bell Telephone - 1978 Communication Operation in Carbon County, Utah-Extending from the vicinity of Wellington, Utah into Soldier Creek Canyon

2. Legal Description of Project Area (Attach Map Also)
The right of way surveyed by AERC for Mountain Bell Telephone extends approximately 10.5 miles from a point about 2.5 miles north (see Page 2)

3. Institution Holding Antiquities

NA (no antiquities collected during survey)

4. Antiquities Permit No.

78-Ut-014 (M-7)

5. Dates of Field Work

The survey was done on March 27 and 28, 1978 by AERC personnel A. McDonald and D. Lyon.

6. Description of Examination Procedures

The right of way, although generally unmarked by stakes or flagging, was easily detected. Line segments on the map between points A and B, C and D, E and F, and one and one half miles southward from H were only a few feet to the side of an existing roadway. (see Page 2)

7. Description of Findings (Attach forms or detailed report, if appropriate)

A careful search of the project area failed to produce any indications of significant prehistoric or historic activity. No isolated artifacts of value were observed.

8. Actual/Potential National Register Properties Affected

A records search was initiated for the project area. No known cultural resources of National Register significance will be (see Page 2)

9. Conclusions/Recommendations

AERC recommends that: 1. A qualified archeologist be consulted if subsurface archeological remains are exposed during construction and excavation activities; 2. all personnel related to the project development refrain from pilfering or otherwise damaging cultural resources that may be encountered in the locality; and 3. all vehicle traffic, personnel movement and construction be confined to the (see Page 2)

10. Signature of Person in Direct Charge of Field Work

Andrew J. McDonald

11. Signature of Title of Institutional Officer Responsible

J. R. Hunk President - AERC

USO Form 6230-3 (July)

Mt. Bell file case # U-38689

Continuation of number 2:

of Wellington to the Soldier Creek Coal Mine (see attached map). The legal description of the project area is:

Township 14 South, Range 11 East, Sections 3, 10, 15, 21, 28, 29, 30;
Township 13 South, Range 11 East, Sections 24, 25, 26, 35; and
Township 13 South, Range 12 East, Sections 18 and 19.

Continuation of number 6:

(Only the northernmost roadway segment is shown on the ca. 1912 map). The remaining part of the right-of-way from G to the roadway in Section 19 (T.13S, R.12E) parallels an existing natural gas pipeline right-of-way.

The AERC investigators walked parallel to the line, first covering the area next to the projected line and on the return investigating outlying surfaces parallel to the line. With this procedure, an area covering about 25 meters on both sides of the right-of-way was covered. The $1\frac{1}{2}$ mile long right-of-way segment in the canyon south of point H, however, was quite steep and more difficult to survey. This difficult terrain was walked in a zigzag fashion, to cover the construction area.

Continuation of number 8:

adversely affected by this project.

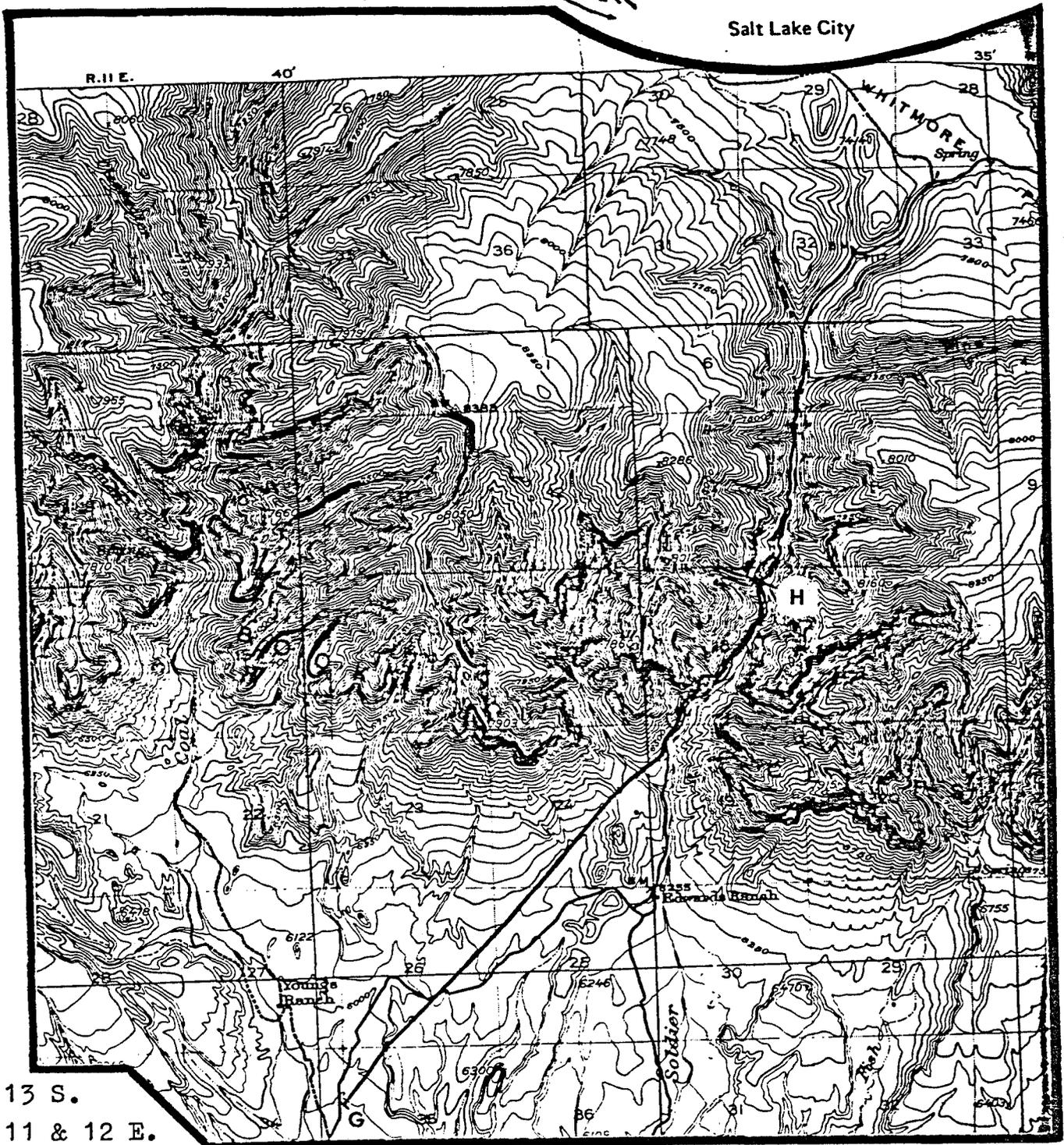
Continuation of number 9:

locations examined and to access roads leading into the locations.

With adherence to the above recommendations, construction activities on this project will not impair any known cultural resources and a complete cultural resource clearance for this project can be recommended by AERC.



Salt Lake City



T. 13 S.
R. 11 & 12 E.

Meridian: Salt Lake B & M

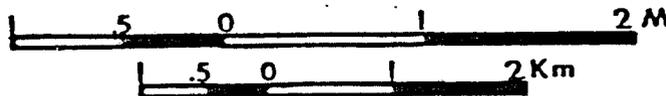
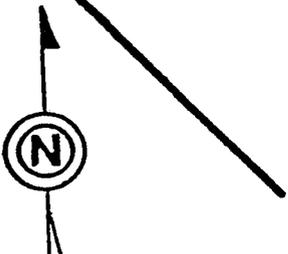
Quad:

Project: MBT-78-1
Series: East Central
Utah
Date: 3-31-78

Proposed Communications
Right-of-way in the
Soldier Creek Locality of
Carbon County, Utah

Wellington
15' Series

Legend:
Proposed Communications
Right-of-way



Scale

FIGURE



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

July 30, 1979

9/16
207-28

Subject: Archeological Reconnaissance for Road
Construction in the Dugout Creek,
Soldier Creek and Bitter Creek Localities
of Carbon County, Utah

Project: Eckhoff, Watson & Preator

Project No. EWP-79-1

Dept. of Interior Permit: 79-Ut-061

Utah State Permit: 377

To: Dr. David Eckhoff, Eckhoff, Watson & Preator,
1798 South West Temple, Salt Lake City, Utah
84115

Mr. Gene Day, BLM District Manager, Bureau
of Land Management, Moab Office, P.O. Box
970, Moab, Utah 84532

Mr. Sam Rowley, BLM Area Manager, Bureau
of Land Management, San Rafael Resource Area,
P.O. Drawer AB, Price, Utah 84501

Dr. David Madsen, State Archeologist,
Antiquities Section, 307 West 200 South,
Suite 1000, Salt Lake City, Utah 84101

Info.: ✓ Mr. Richard Fike, BLM Archeologist, Bureau
of Land Management, University Club Bldg.,
136 East South Temple, Salt Lake City,
Utah 84111

General:

From July 23 through July 27, 1979, a surface archeological survey was performed by AERC archeologists V. G. Norman, T. M. Smith and W. Carpenter in the Wellington localities of Carbon County, Utah, for Eckhoff, Watson and Preator. Approximately 24 miles of roads for coal mining access was inventoried, consisting of 14 miles of new roads, 8 miles of existing roads to be improved, and about 2 miles of sharp curves on a 15 mile stretch of existing road.

The survey area is located in Township 13 South, Range 11 East, Sections 9, 10, 15, 16, 21, 22, 25, 26, 27, 34, and 35; Township 13 South, Range 12 East, Sections 18, 21, 22, 23, 27, 28, 29, 30, 31, 32, 33, and 34; Township 14 South, Range 11 East, Sections 1, 13, and 24; and in Township 14 South, Range 12 East, Sections 3, 4, 5, 6, 8 and 18.

The access roads were cleared along 50 meter wide corridors with the center line marked in red flagging and the perimeters marked in blue flagging.

All of the land examined is administered by the Bureau of Land Management or is private land with the exception of Section 32, Township 13 South, Range 12 East which is Utah State land.

One historic site and two prehistoric sites were located, evaluated, photographed and recorded. Site avoidance and mitigation can be facilitated by following AERC recommendations provided on the attached BLM summary form.

Environment and Locality:

The survey locality is situated on the western end and along the southern escarpment of the Book Cliffs to the north of the Price River Valley. The area is drained by the perennial streams of Soldier Creek and Coal Creek, and by several intermittent streams including Dugout Creek,

Fish Creek, Alkali Creek, Bitter Creek, and Hoffman Creek. These drainages flow southward into Price River southeast of Wellington. Soldier Creek Canyon-Nine Mill Canyon complex is an ancient transportation route linking the Price River Valley with the Uintah Basin.

The area examined lies between the 5700 and 7200 foot elevations. The lower elevations have desert shrubs of various types, while Pinyon-Juniper woodlands and Pine forests exist on the slopes and in the mountains. Most of the area is in the upper Sonoran zone of the Colorado Plateau, which prevails to about 2286 meters (7500 feet).

The lower surfaces consist of Quaternary gravel and lithosols. The higher elevations include Mancos Shale undivided with the Black Hawk coal producing group of the upper Cretaceous formation.

Prehistory:

The history of man's activity in the general region consisted of various prehistoric and historic technological and economic stages. The earliest known human activity is attributed to the Paleo Indian phase (ca. 10,000 to 8000 B.C.), when scattered nomadic bands hunted extinct big game animals including the mammoth and bison. The Archaic peoples pursued a seasonally based hunting and gathering subsistence between approximately 8000 B.C. and A.D. 500. Between A.D. 500 and 1250, cultural activities in the area were initiated by the San Rafael and Sevier variants of the Fremont culture who established trade contact with San Juan and Kayenta Anasazi cultures to the south. During this period, horticulture, ceramic manufacture, villages, and architecture were initiated in the area. Following the abandonment of the area by the Fremont culture (ca. 1250 A.D.) human activity became less dense, featuring occasional Shoshonean sites of the late Prehistoric and early Historic periods.

The Historic period began in 1776 with the Dominguez-Escalante Expedition. Fur traders and frontiersmen in the early Nineteenth Century established trails for later settlements undertaken by the Mormon Church in 1877. Anglo European settlements of the area gradually expanded from this agricultural base to eventually include the mining industry.

Research Results:

Two prehistoric sites and one historic site were located during the survey. All evaluations were made and recorded on the sites.

An isolate corner notch point (292N/X-1) was located on the rim of the Fish Creek gorge. A previously recorded Rock Art site (42Cb92) of Fremont origin was identified in the Dugout Creek area. It is across the creek from the road and will not be disturbed by road improvement operations. A historic dugout (42Cb134, AERC 292N/1) located in the Fish Creek area can be easily avoided during access road construction. A rather extensive but sparse lithic scatter (42Cb135, AERC 292N/2) was located along the western bank of Soldier Creek near the proposed coal processing plant site. An existing road cuts through the site and can be improved with minimal impact to the site. The extent of the site and the presence of an existing road across the site makes rerouting the proposed road impractical.

Site centers were marked with yellow and red flagging and the perimeters with yellow and blue flagging in order to facilitate avoidance during survey and construction.

Conclusion and Recommendations:

Prior to initiating construction activities, AERC recommends a possible surface collection of Site 292N/2 along the access road corridor, by qualified archeologists. In addition, subsurface probing for depth and any diagnostic materials that might be covered by erosional deposits should be conducted.

With Eckhoff, Watson & Preator adherence to this stipulation and the following recommendations, AERC can recommend that a cultural resource clearance for road construction operations in the project locality be granted.

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.

2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.

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.

J.G. Norman (by left)

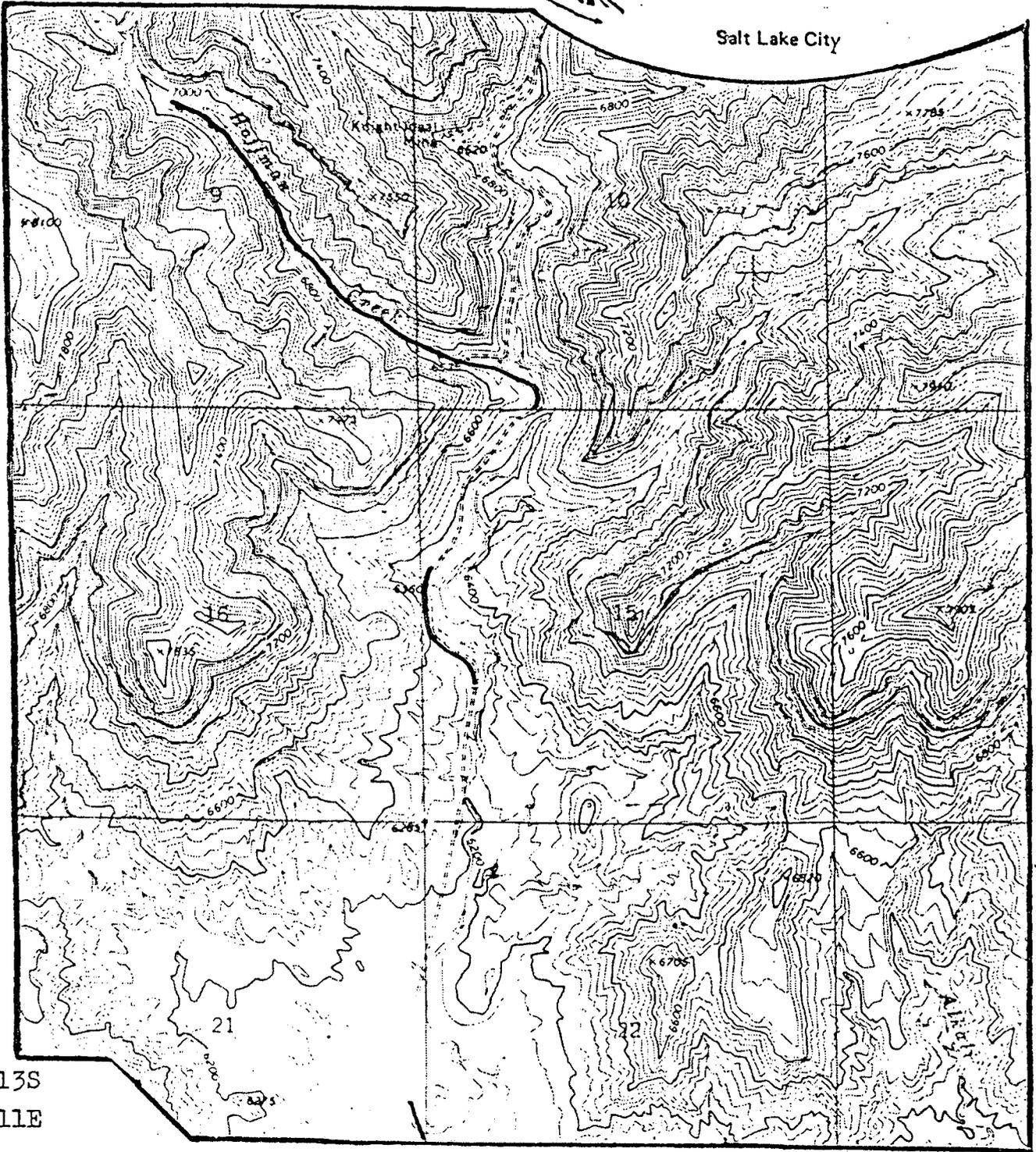
V. Garth Norman, M.A.
Staff Archeologist

F. R. Hauck

F. R. Hauck, Ph.D.
President



Salt Lake City



T. 13S
R. 11E

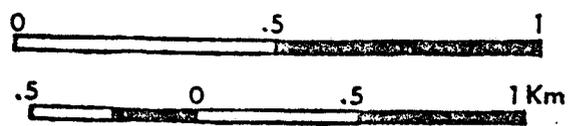
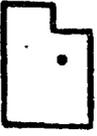
Meridian: Salt Lake

Quad: Deadman Canyon
7.5' USGS

Project: EWP-79-1
Series: East Central
Utah
Date: 8-1-79

MAP 1
ROAD CONSTRUCTION
HOFFMAN CREEK AND
COAL CREEK LOCALITY
CARBON COUNTY, UTAH

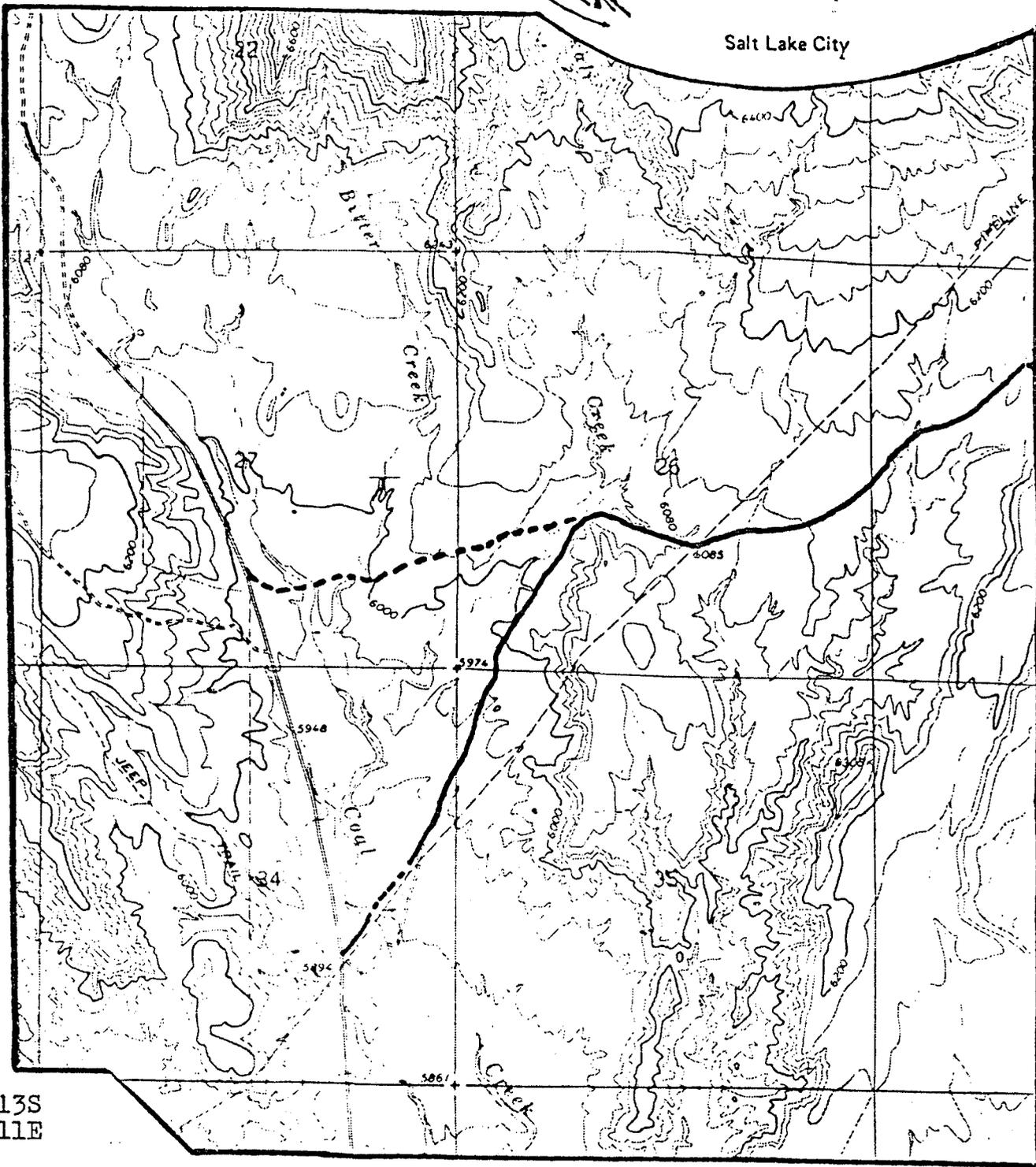
Legend:
Existing Roads
to be Improved



Scale



Salt Lake City



T. 13S
R. 11E

Meridian: Salt Lake

Quad: Deadman Canyon
7.5' USGS

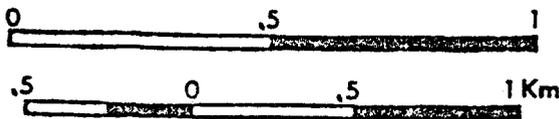
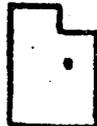
Project: EWP-79-1
Series: East Central
Utah
Date: 8-1-79

MAP 2
ROAD CONSTRUCTION
COAL CREEK AND
BITTER CREEK LOCALITY
CARBON COUNTY, UTAH

Legend:

Surveyed Route

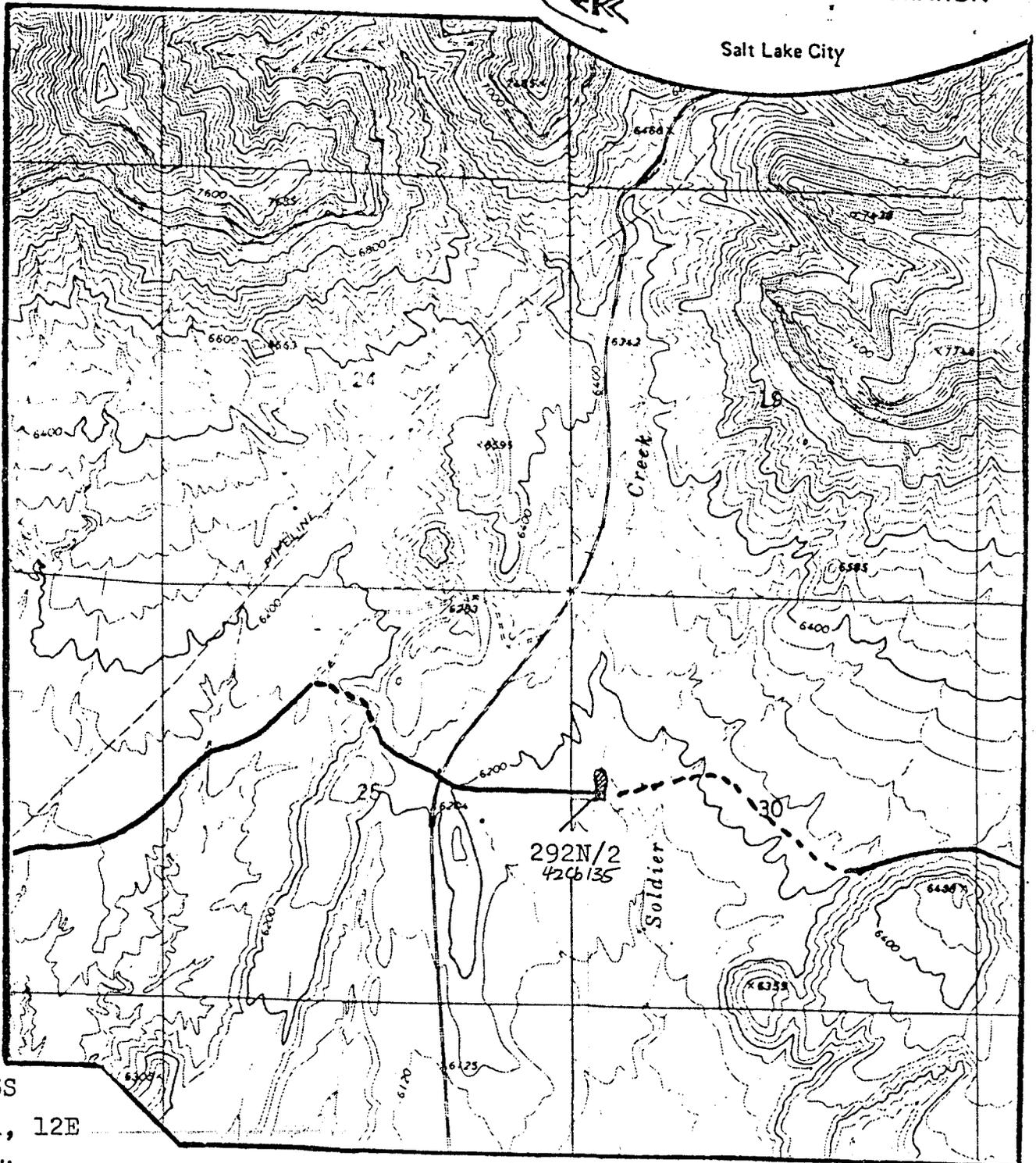
Existing Roads
to be Improved



Scale



Salt Lake City

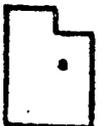


T. 13S

R. 11, 12E

Meridian: Salt Lake

Quad: Deadman Canyon & Price
Canyon
7.5' USGS



Project: EWP-79-1

Series: East Central
Utah

Date: 8-1-79

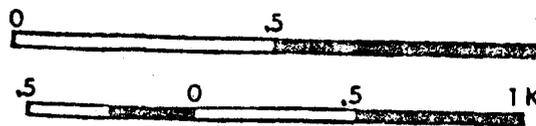
MAP 3
ROAD CONSTRUCTION
SOLDIER CREEK LOCALITY
CARBON COUNTY, UTAH

Legend:

Proposed Road

Existing Road to
be Improved

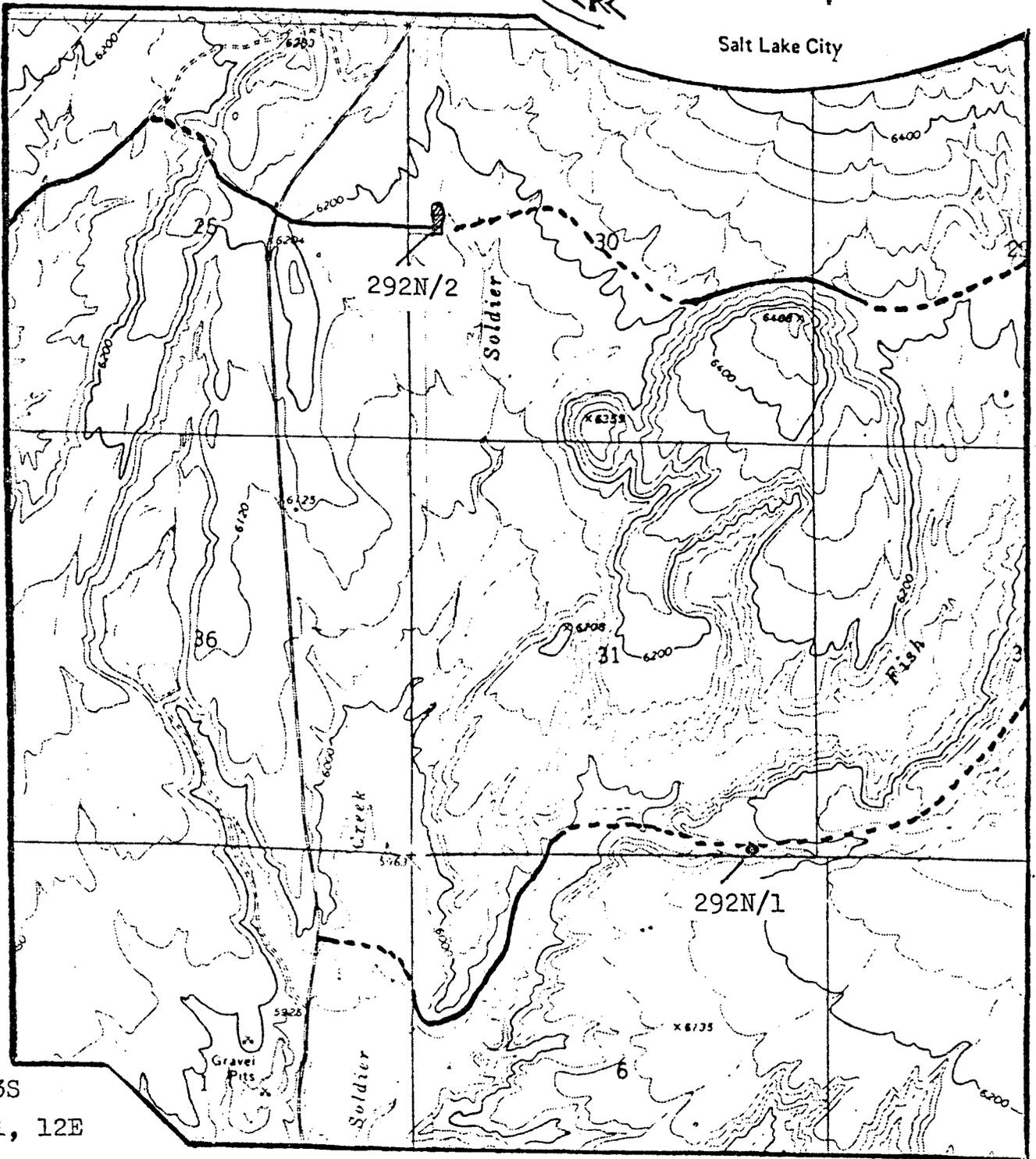
Archeological Site



Scale



Salt Lake City



T. 13S

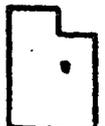
R. 11, 12E

Meridian: Salt Lake

Quad: Price Canyon, Utah

Project: EWP-79-1
Series: East Central Utah
Date: 8-1-79

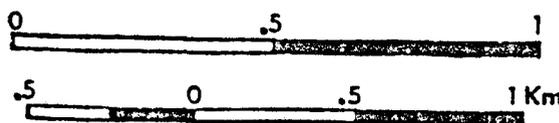
7.5' USGS



MAP 4
ROAD CONSTRUCTION
SOLDIER CREEK AND
FISH CREEK AREA
CARBON COUNTY, UTAH

Legend:

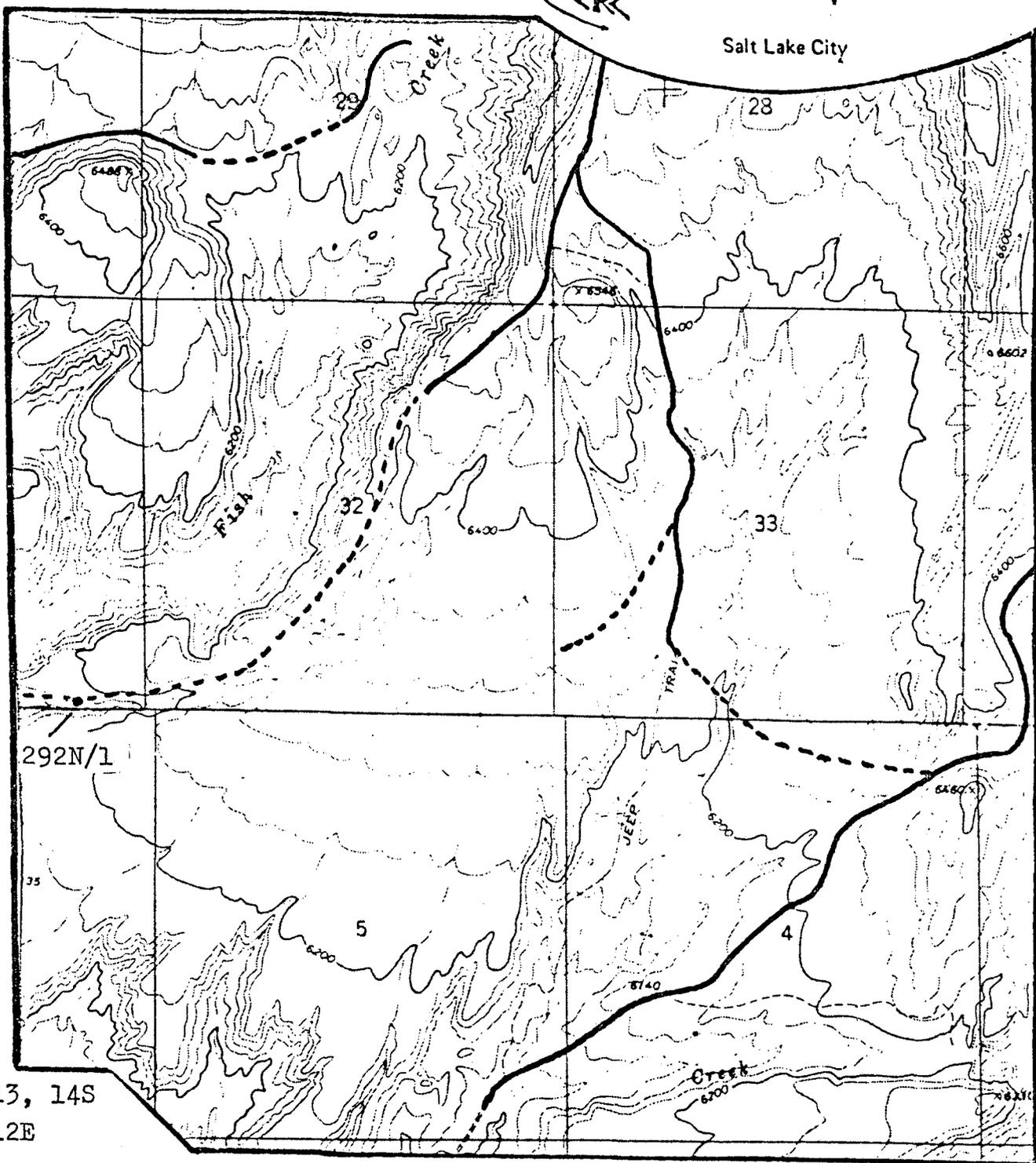
- Proposed Road
- Existing Road to be Improved
- Archeological Site



Scale



Salt Lake City



T. 13, 14S
R. 12E

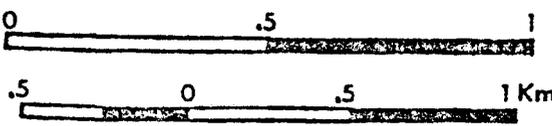
Meridian: Salt Lake

Quad: Price Canyon
7.5' USGS

Project: EWP-79-1
Series: East Central
Utah
Date: 8-1-79

MAP 5
ROAD CONSTRUCTION
FISH CREEK AND
DUGOUT CREEK AREA
CARBON COUNTY, UTAH

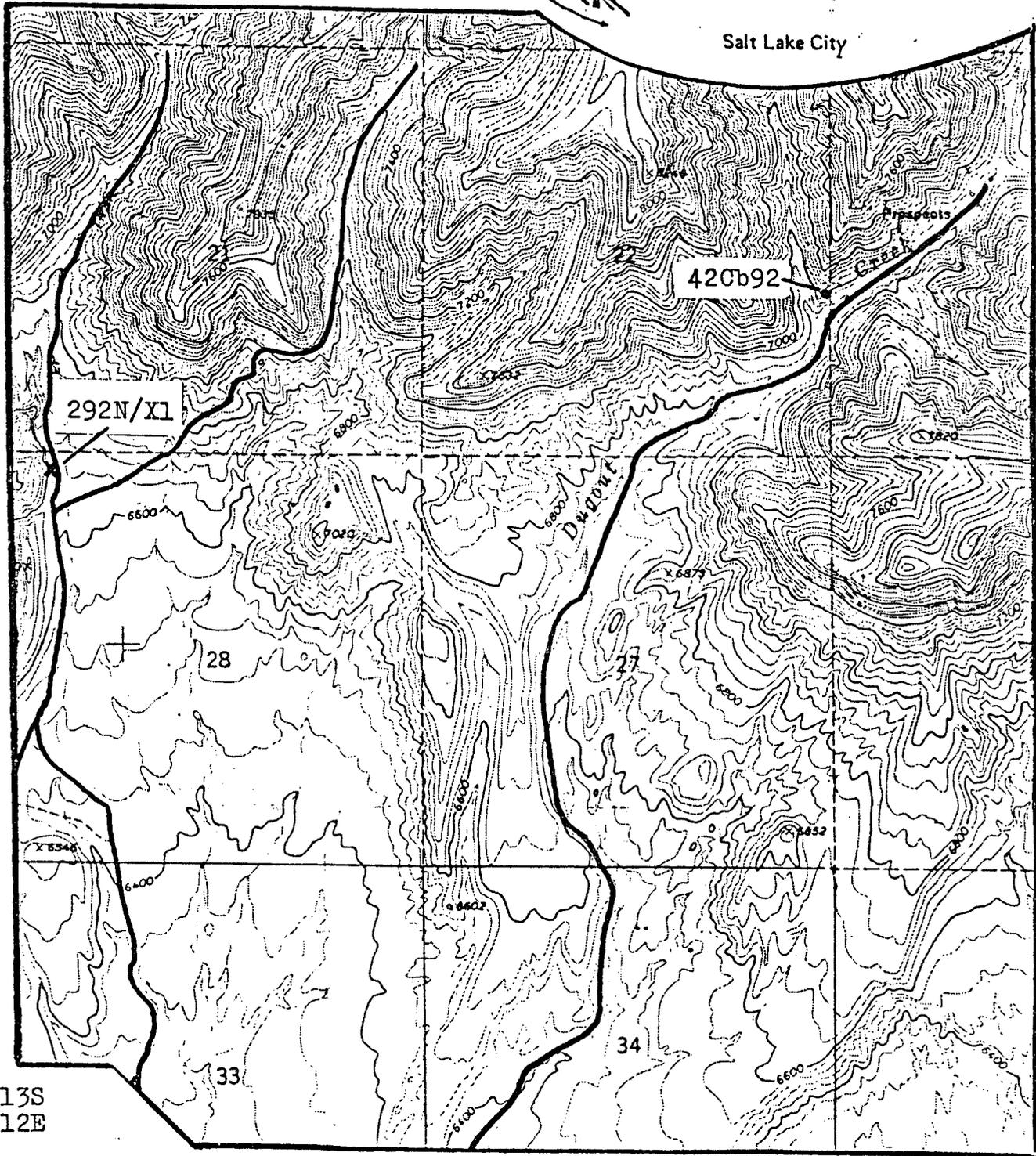
Legend:
Proposed Road 
Existing Road to
be Improved 
Archeological Site 



Scale



Salt Lake City



T. 13S
R. 12E

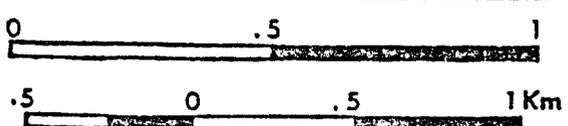
Meridian: Salt Lake

Quad: Price Canyon
7.5' USGS

Project: EWP-79-1
Series: East Central Utah
Date: 8-1-79

MAP 6
ROAD CONSTRUCTION
DUGOUT CREEK LOCALITY
CARBON COUNTY, UTAH

Legend:
Existing Road to be Improved
Archeological Site
Isolate

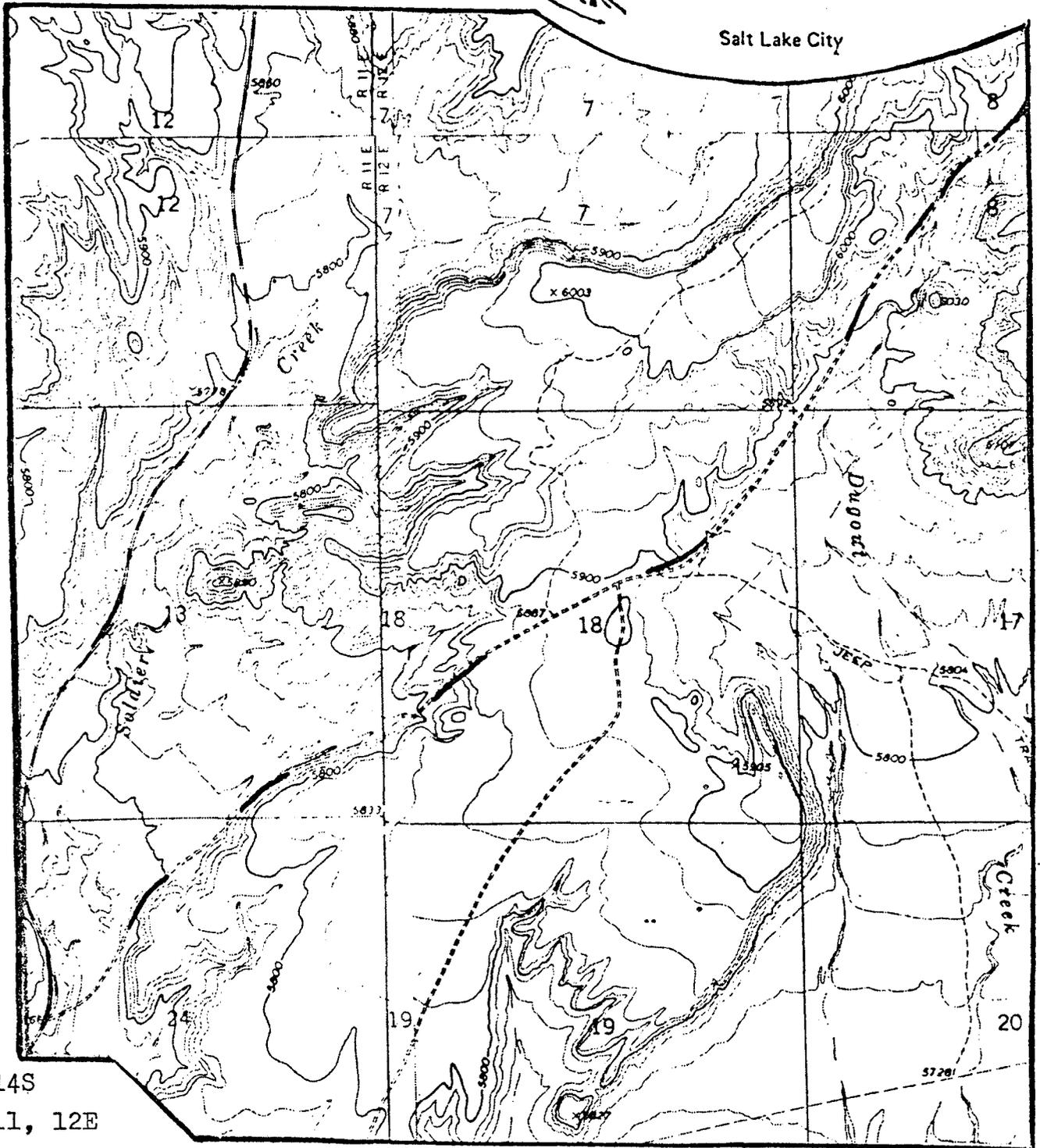


Scale





Salt Lake City



T. 14S

R. 11, 12E

Meridian: Salt Lake

Quad: Wellington & Sunnyside
Junction
7.5' USGS

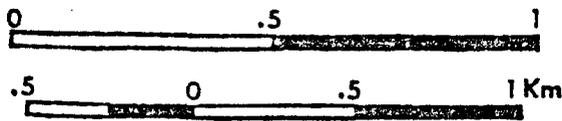
Project: EWP-79-1
Series: East Central
Utah

Date: 8-1-79

MAP 7
ROAD CONSTRUCTION
SOLDIER CREEK AND
DUGOUT CREEK LOCALITY
CARBON COUNTY, UTAH

Legend:

Existing Road to
be Improved



Scale



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

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

August 17, 1979

P 007-29

Subject: Cultural Resource Inventory on Coal
Exploration for Pacific Gas and Electric
Company in the Fish Creek Locality of
Carbon County, Utah

Project: Pacific Gas & Electric Company - 1979
Drilling Exploration in Carbon County

Project No.: PGE-79-2

Permit No.: 79-Ut-061

To: Mr. Albert Spensko, Pacific Gas & Electric
Company, 12 South Fifth Avenue, Helper,
Utah 84526

Mr. Gene Day, BLM District Manager, Bureau
of Land Management, Moab Office, P.O. Box
970, Moab, Utah 84532

Mr. Leon Berggren, BLM Area Manager, Bureau
of Land Management, Price Resource Area,
P.O. Box AB, Price, Utah 84501

Info.: ✓ Mr. Richard Fike, BLM Archeologist, Bureau
of Land Management, University Club Bldg.,
136 East South Temple, Salt Lake City, Utah
84111

General:

On August 14-15, 1979, a surface archeological reconnaissance was performed by AERC staff archeologist Wayne Howell on an area designated for coal exploration in the Fish Creek locality of Carbon County, Utah, for Pacific Gas & Electric Company.

The inventory area is located roughly in the SE $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 16, and the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 21, Township 13 South, Range 12 East. The purpose of the investigation was to inventory approximately 40 acres of land designated for coal exploration in Fish Creek Canyon for the presence of cultural resources. The inventory extended from the canyon floor to a distance of 20 meters above the uppermost of the 3 coal bearing layers in the canyon. Since the area is located at a fork in the canyon, the inventory area extended up both forks of the canyon to 20 meters above the point where the uppermost coal layer dips into the canyon bottom. Both sides of both branch canyons were inventoried to a distance of 100 meters south (down canyon) of the confluence of the 2 branch canyons.

Results:

No cultural resource sites were located during the surface examination of the project area. No actual or potential National Register Properties will be affected by the project.

Conclusions and Recommendations:

A cultural resource clearance, subject to the following stipulations, can be recommended for Pacific Gas & Electric Company:

1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.

2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.

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.

Wayne Howell (by Fred)

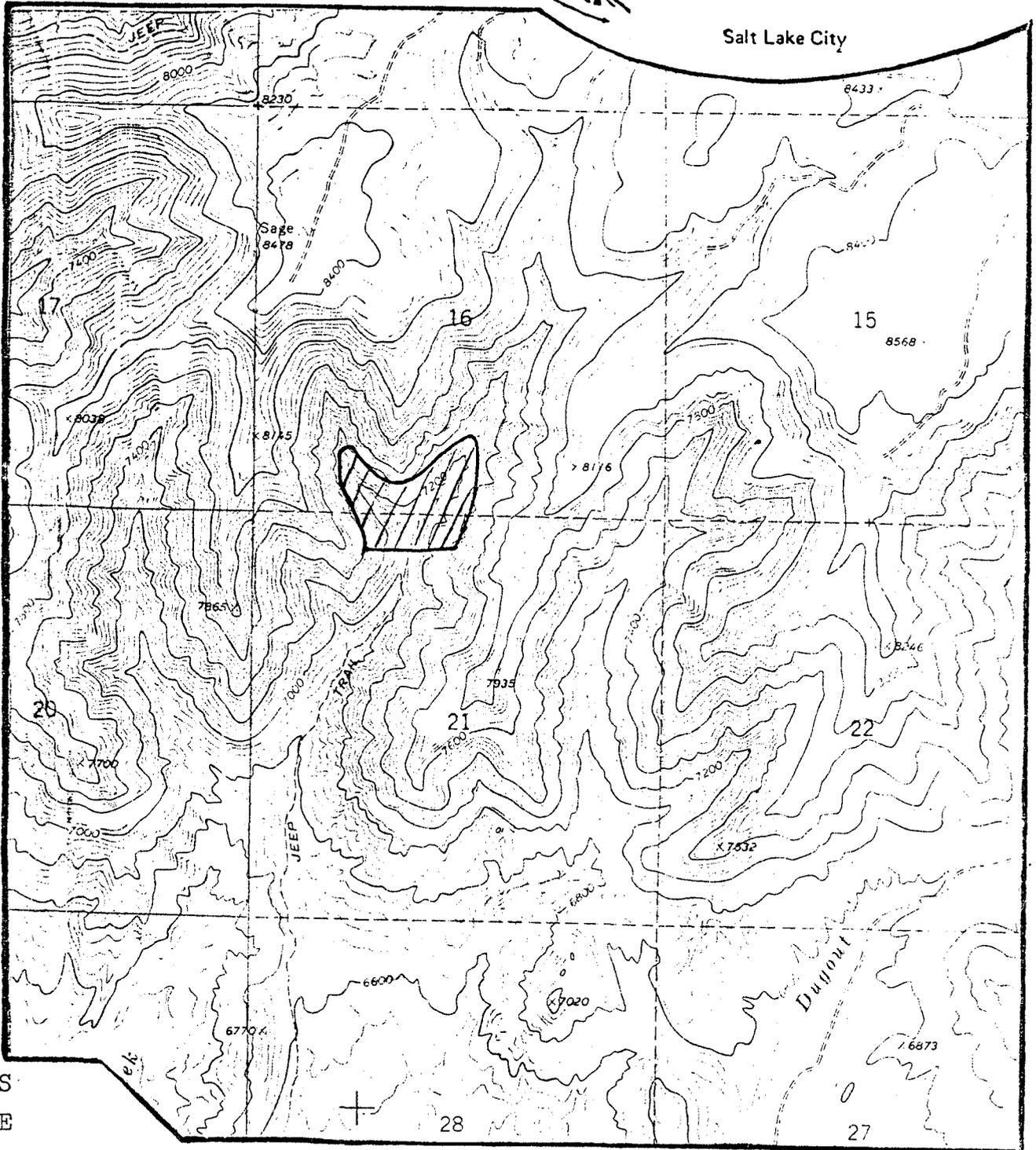
Wayne Howell
Field Archeologist

F. R. Hauck

F. R. Hauck, Ph.D.
President



Salt Lake City



T. 13S

R. 12E

Meridian: Salt Lake

Quad: Pine Canyon, Utah
7.5 Minute USGS

Project: PGE-79-2

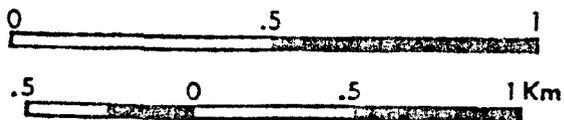
Series: East Central
Utah

Date: 8-16-79

SURVEY AREA FOR PACIFIC
GAS & ELECTRIC COAL
EXPLORATION IN THE
FISH CREEK LOCALITY
CARBON COUNTY, UTAH

Legend:

Survey Area



Scale

BLM Report ID No. 007-29
Report Acceptable Yes No
Mitigation Acceptable Yes No
Comments: _____

Summary Report of
Inspection for Cultural Resources

Cultural Report or Project FISHOREEK LOCALITY

Development Company Pacific Gas & Electric Co.

BLM Mini Permit No. 4. BLM Antiquities Permit No. 79-UT-061

Report Date 8 16 19 76. Field Work Dates Aug. 14-15, 1979

Responsible Institution A E R C Fill in spaces 81, 85, 93, 97 only if:
V = Vernal Meridian
H = Half Township

Fieldwork Location: TWN 13S Range 12E Section(s) 16 21
TWN Range Section(s)

Resource Area P R Other: Carbon County _____

BO = Bonneville, WA = Wasatch, HR = House Range, WS = Warm Springs,
SE = Sevier River, HM = Henry Mtns., BR = Beaver River, DX = Dixie,
KA = Kanab, ES = Escalante, SJ = San Juan, GR = Grand, PR = Price River,
SR = San Rafael, DM = Diamond Mountain, BC = Book Cliffs.

1. Description of Examination Procedures: Transects spaced 15 meters apart were run along the contours of the canyon bottom and sides of the inventory area. Both sides of both branch canyons were inventoried to a distance of 100 meters south of their confluence.

11. Linear Miles Surveyed
and/or
Definable Acres Surveyed 104 112
and/or
*Legally Undefinable Acres Surveyed 113 121
122 130
(*A parcel hard to cadastrally locate i.e., center of section)

12. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

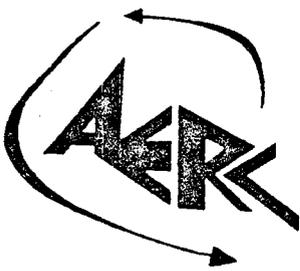
3. Description of Findings (attach appendices, if appropriate) No cultural sites of any period were found during the surface inventory of the area.
14. Number Sites Found: 0
No sites = 0 132 13
15. Collection: Y = Yes, N = No 138

5. Actual/Potential National Register Properties Affected: No actual/potential National Register Properties will be affected by the project.

7. Conclusion/Recommendations: A cultural resources clearance can be recommended for Pacific Gas & Electric provided they adhere to the following stipulations:
1. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.
2. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area. 3. A qualified archeologist be consulted should cultural remains from subsurface deposits be exposed during construction.

3. Signature of person in direct charge of field work: Wayne Howell (by letter)

9. Signature and Title of Institutional Officer Responsible R. Hank
work or if the need arises to relocate or otherwise alter the construction area.



ARCHEOLOGICAL - ENVIRONMENTAL RESEARCH CORPORATION

588 West 800 South Bountiful, Utah 84010

Tel: (801) 292-7061 or 292-9668

October 1, 1979

007-35

Subject: Archeological Reconnaissance of 720 Acres
in the Soldier Creek Locality, near
Wellington, Carbon County, Utah

Contractor: Eckhoff, Watson & Preator

Project No.: EWP-79-2

Dept. of Interior Permit No.: 79-Ut-061

Utah State Permit: 377

To: Dr. Dave Eckhoff, Eckhoff, Watson & Preator,
2565 Filmore Avenue, Salt Lake City, Utah 84106

Mr. Gene Day, BLM District Manager, P.O. Box 970,
Moab, Utah 84532

Mr. Leon Berggren, BLM Area Manager, Bureau of
Land Management, Price Resource Area, P.O. Box AB,
Price, Utah 84501

Info: ✓ Mr. Richard Fike, BLM Archeologist, Bureau of Land
Management, University Club Bldg., 136 East South
Temple, Salt Lake City, Utah 84111

U.S.
Department of the Interior
Bureau of Land Management
Utah State Office

Summary Report of
Inspection for Cultural Resources

BLM Report No. 101071-25

Report Acceptable Yes No

Mitigation Acceptable Yes No

Comments: _____

1. Cultural Report or Project Area Reconnaissance, Coal Development

2. Development Company Eckhoff, Watson & Preator

3. BLM Mini Permit No. 4. BLM Antiquities Permit No. 179-Ut-061

5. Report Date 1/08 1979 6. Field Work Dates 9/24-28/79 and 10/1-4/79

7. Responsible Institution AERC Fill in spaces 81,85,93,97 only if:
V = Vernal Meridian
H = Half Township

8. Fieldwork Location: TWN 13S Range 11E Section(s) 25; T14S, R11E, Sec 1 & 2
TWN 13S Range 12E Section(s) 32; T14S, R12E, Sec 5 & 6

9. Resource Area PR Other: Carbon County

BO = Bonneville, WA = Wasatch, HR = House Range, WS = Warm Springs,
SE = Sevier River, HM = Henry Mtns., BR = Beaver River, DX = Dixie,
KA = Kanab, ES = Escalante, SJ = San Juan, GR = Grand, PR = Price River,
SR = San Rafael, DM = Diamond Mountain, BC = Book Cliffs.

10. Description of Examination Procedures:
The archeologist walked parallel transects 15 meters apart to inspect the acreage parcels and the access road corridor marked with red flagging on the center line and blue flagging on the perimeters.

11. Linear Miles Surveyed 2
and/or Definable Acres Surveyed 720
and/or *Legally Undefinable Acres Surveyed 30
(*A parcel hard to cadastrally locate i.e., center of section)

12. Inventory Type I
R = Reconnaissance
I = Intensive
S = Statistical Sample

13. Description of Findings (attach appendices, if appropriate) 14. Number Sites Found: 0
No cultural resource sites were observed during the survey.

16. Actual/Potential National Register Properties Affected:
No National Register Properties will be affected by this project.

17. Conclusion/Recommendations:
AERC recommends a cultural resources clearance for this project, provided construction personnel comply with the following stipulations:
(see attachment)

18. Signature of person in direct charge of field work: V.G. Norman (by self)
V. Garth Norman

19. Signature and Title of Institutional Officer Responsible F. R. Hauck
F. R. Hauck, Ph.D., President
UT 8100-3 (4/79)

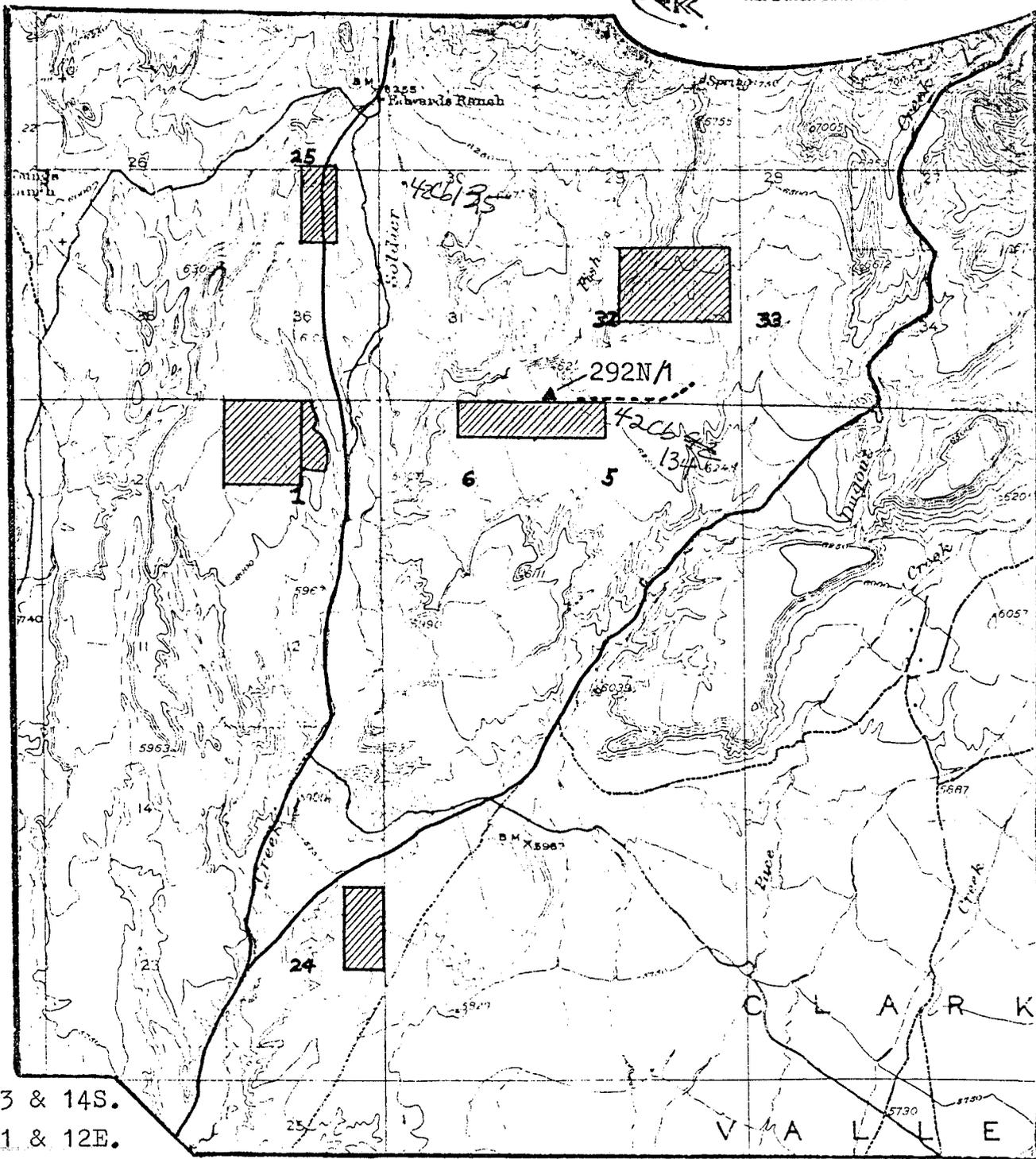
what!

1. Caution should be exerted to avoid impacting previously recorded site 292N/1 during construction operations. The corrected location of this site is in the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of the SW $\frac{1}{4}$ of Section 32, as indicated on the map, and should be noted (previously shown in the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 31). Site disturbance can be avoided if the planned access road and other construction operations do not extend down into the west locality onto the site.

2. All vehicular traffic, personnel movement, and construction be confined to the locations examined and to access roads leading into these locations.

3. All personnel refrain from collecting individual artifacts or from disturbing any cultural resources in the area.

4. 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.



T. 13 & 14S.
R. 11 & 12E.

Meridian: Salt Lake B. & M.

Quad:

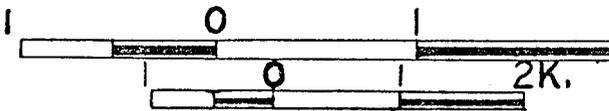
Project: EWP-79-2
Series: Central Utah
Date: 9-29-79

PROJECT AREA IN THE
SOLDIER CREEK LOCALITY
OF
CARBON COUNTY, UTAH

Wellington, Utah
15 Minute
USGS



Legend:
Access Route
Parcel
Archeological Site



Scale