

R-601

257

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

# FIELD NOTES

OF  
THE DEPENDENT RESURVEY OF

A PORTION OF THE  
SUBDIVISIONAL LINES

AND THE  
SUBDIVISION OF SECTIONS 11, 14, AND 22

IN  
TOWNSHIP 12 SOUTH, RANGE 1 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Ferrel D. Reynolds*  
*Cadastral Surveyor*

Under special instructions dated *September 1, 1995*, approved *September 1, 1995*, which provided for the surveys included under Group Number *830*, and assignment instructions dated *September 20, 1995*.

Survey commenced *September 20, 1995*

Survey completed *October 4, 1995*

INDEX DIAGRAM

Township 12 South, Range 1 West

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
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## TOWNSHIP 12 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 11, 14, and 22, in Township 12 South, Range 1 West, Salt Lake Meridian, Utah.

**HISTORY OF EARLIER SURVEYS**

	Surveyed by		Retr. or Resurveyed by	
<b>NORTH BOUNDARY</b>				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart, Jr.	1877	A.J. Stewart, Jr.	1877
Portion	A.J. Stewart, Jr.	1878		
Portion	J.C. Thoma	1920		
Portion			J.C. Thoma and H.W. Miller	1920-21
<b>SOUTH BOUNDARY</b>				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart, Jr.	1878	A.J. Stewart, Jr.	1878
Portion			J.C. Thoma and H.W. Miller	1920-21
<b>EAST BOUNDARY</b>				
All	C.L. Craig	1856		
<b>WEST BOUNDARY</b>				
All	A.J. Stewart, Jr.	1878		
<b>SUBDIVISION</b>				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart, Jr.	1878		
Portion	J.C. Thoma and H.W. Miller	1920	J.C. Thoma and H.W. Miller	1920

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 830, dated September 1, 1995.

The directions of lines were determined by hour angle observations of the sun and Polaris, carried forward by sustained angulation. Distances were determined by electronic measurement.

Preliminary to the resurvey the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record.

## TOWNSHIP 12 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the corner of sections 11, 12, 13, and 14, as determined by using the Global Positioning System (G.P.S.) static relative positioning techniques, utilizing U.S. Coast and Geodetic Survey Triangulation Station "CAPPS", is as follows:

Latitude 39° 46' 36.487" N.    Longitude 111° 53' 42.996" W.  
N.A.D. 1983

This corner is designated a B.L.M. Control Station.

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination map of 1990, is 13 1/2° E.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 12 S., R. 1 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
C.L. Craig in 1856

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Beginning at the corner of sections 13, 14, 23, and 24, marked by the corner of fences, projecting N, S, and W. This fence corner is accepted as the best available evidence of the position of the original corner.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T12S R1W	
S14	S13
S23	S24
1995	

N. 1° 48.9' W., between sections 13 and 14.

Over gentle rolling bench land, through sagebrush and native grasses.

**39.472** Point for the 1/4 section corner of sections 13 and 14, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T12S R1W  
1/4  
S14 | S13  
1995

Set a steel fence post alongside the aluminum post.

Corner is located 50 lks. dist., S of dirt road, bears E and W.

**78.944** The corner of sections 11, 12, 13, and 14, marked by the corner of fences projecting N, S, and E.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
S11 | S12  
S14 | S13  
1995

Set a steel fence post alongside the aluminum post.

N. 2° 05.6' W., between sections 11 and 12.

Over rolling benchland, through recent burn.

**39.808** Point for the 1/4 section corner of sections 11 and 12, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
1/4  
S11 | S12  
1995

Corner is located in a N and S fence line.

**59.712** Point for the N 1/16 section corner of sections 11 and 12.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T12S R1W  
N 1/16  
S11 | S12  
1995

Corner is located at the corner of fences projecting S and W.

**79.616** The corner of sections 1, 2, 11, and 12, marked by the corner of fences projecting E, W, and N.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
S2 | S1  
S11 | S12  
1995

From the corner of sections 13, 14, 23, and 24.

S. 89° 35.5' W., between sections. 14 and 23.

Over rolling bench land.

**20.940** Point for the E 1/16 section corner of sections 14 and 23.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, to top of aluminum cap marked:

T12S R1W  
E 1/16 S14  
S23  
1995

Set a steel fence post alongside the aluminum post.

Corner is located 4 lks. dist., S of an E and W fence line and 70 lks. dist. W of a N and S dirt road.

**41.880** Point for the 1/4 section corner of sections 14 and 23, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T12S R1W

1/4      $\frac{S14}{S23}$   
1995

Set a steel fence post alongside the aluminum post.

Corner is located 7 lks. dist., S of an E and W fence line.

- 83.760** The corner of sections 14, 15, 22, and 23, monumented with an iron post, 2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey. Corner is located in E and W fence line.

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Reestablishment of the Resurvey Executed by  
J.C. Thoma and H.W. Miller in 1920

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N. 1° 07.0' E., between sections 14 and 15.

Over rolling bench land, through lightly scattered juniper growth.

- 40.140** The 1/4 section corner of sections 14 and 15, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

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N. 0° 13.2' E., beginning new measurement.

- 39.660** The corner of sections 10, 11, 14, and 15, monumented with an iron post, 2 ins. diam., projecting 8 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

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Reestablishment of the Survey Executed by  
C.L. Craig in 1856

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From the corner of sections 11, 12, 13, and 14.

N. 89° 47.6' W., between sections 11 and 14.

Over rolling bench land.

- 40.154** Point for the 1/4 section corner of sections 11 and 14, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 13 ins. in the ground to bedrock, and in a mound of stone, to top of aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T12S R1W

1/4 S11  
S14  
1995

Set a steel fence post alongside the aluminum post.

80.308 The corner of sections 10, 11, 14, and 15.

Reestablishment of the Resurvey Executed by  
J.C. Thoma and H.W. Miller in 1920

N. 0° 54.5' W., between sections 10 and 11.

Over rolling benchland, through scattered juniper growth.

41.060 The 1/4 section corner of sections 10 and 11, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

N. 3° 19.6' W., beginning new measurement.

38.520 The corner of sections 2, 3, 10, and 11, monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

Reestablishment of the Survey Executed by  
C.L. Craig in 1856

From the corner of sections 1, 2, 11, and 12.

N. 89° 49.8' W., between sections 2 and 11.

Over rolling bench land.

20.067 Point for the E 1/16 section corner of sections 2 and 11.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T12S R1W  
E 1/16  $\frac{S2}{S11}$   
1995

Corner is located at the corner of fences, projecting E and S.

- 40.134** Point for the 1/4 section corner of sections 2 and 11, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, with aluminum cap marked:

T12S R1W  
1/4  $\frac{S2}{S11}$   
1995

Set a steel fence post alongside the aluminum post.

- 80.268** The corner of sections 2, 3, 10, and 11.

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Reestablishment of the Resurvey and Survey by  
J.C. Thoma and H.W. Miller in 1920

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From the corner of sections 14, 15, 22, and 23.

N. 89° 58.6' W., between sections 15 and 22.

Over mountainous land, through scattered juniper growth.

- 19.954** Point for the E 1/16 section corner of sections 15 and 22.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
E 1/16  $\frac{S15}{S22}$   
1995

Set a steel fence post alongside the aluminum post.

- 39.908** The 1/4 section corner of sections 15 and 22, monumented with an iron post, 1 in. diam., projecting 14 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

N. 89° 53.0' W., beginning new measurement.

- 39.430** The closing corner of sections 15 and 22 only, monumented with an iron post, 2 ins. diam., set in a mound of stone, with brass cap marked as described in the official record of the 1920 survey.

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The Subdivision of Section 11,  
T. 12 S., R. 1 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 11 and 14.

N. 2° 05.2' W., on the N-S center line of section 11.

Over rolling bench land.

- 40.453** Point for the center 1/4 section corner, at intersection with the E-W center line.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
C 1/4 S11  
1995

Set a steel fence post alongside the aluminum post.

- 60.021** Point for the center N 1/16 section corner of section 11; not monumented.

- 79.589** The 1/4 section corner of sections 2 and 11.

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From the 1/4 section corner of sections 11 and 12.

N. 88° 52.4' W., on the E-W center line of section 11.

Over mountainous land.

- 20.088** Point for the center E 1/16 section corner of section 11; not monumented.

- 40.176** The center 1/4 section corner of section 11.

- 79.511** The 1/4 section corner of sections 10 and 11.
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THE SUBDIVISION OF SECTION 11,  
T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

From the point for the center E 1/16 section corner of section 11.

N. 2° 05.4' W., on the N-S center line of the NE 1/4 of section 11.

**19.736** Point for the NE 1/16 section corner of section 11, at intersection with the E-W center line of the NE 1/4.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
NE 1/16 S11  
1995

Set a steel fence post alongside the aluminum post.

Corner is located at corner of fences, bears N and E.

**39.472** The E 1/16 section corner of sections 2 and 11.

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From the N 1/16 section corner of sections 11 and 12.

N. 89° 20.9' W., on the E-W center line of the NE 1/4 of section 11.

**20.077** The NE 1/16 section corner of section 11.

**40.154** The point for the center N 1/16 section corner of section 11.

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The Subdivision of Section 14,  
T. 12 S., R. 1 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 14 and 23.

N. 0° 33.9' W., on the N-S center line of section 14.

**39.794** Point for the center 1/4 section corner, at intersection with the E-W center line.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T12S R1W  
C 1/4 S14  
1995

Set a steel fence post alongside the aluminum post.

THE SUBDIVISION OF SECTION 14,  
T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****79.351**

The 1/4 section corner of sections 11 and 14.

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From the 1/4 section corner of sections 13 and 14.

N. 89° 56.5' W., on the E-W center line of section 14.

**20.508**

Point for the center E 1/16 section corner of section 14.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

$$\begin{array}{c} \text{T12S R1W} \\ \text{C} \text{ --- } \frac{\text{E } 1/16}{\text{S14}} \text{ --- } \text{C} \\ \text{1995} \end{array}$$

Set a steel fence post alongside the aluminum post.

Corner is located 50 lks dist., W of a N and S dirt road.

**41.016**

The center 1/4 section corner of section 14.

**81.716**

The 1/4 section corner of sections 14 and 15.

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From the E 1/16 section corner of sections 14 and 23.

N. 1° 11.2' W., on the N-S center line of the SE 1/4 of section 14.

**39.630**

The center E 1/16 section corner of section 14.

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The Subdivision of Section 22,  
T. 12 S., R. 1 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 22 and 27, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, with brass cap marked as described in the official record of the 1920 resurvey.

N. 0° 28.2' W., on the N-S center line of section 22.

Over rolling mountainous land.

**40.642**

Point for the center 1/4 section corner, at intersection with the E-W center line.

THE SUBDIVISION OF SECTION 23,  
T. 12 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground, to solid rock, and in a mound of stone to top, with aluminum cap marked:

T12S R1W  
C 1/4 S22  
1995

**80.976** The 1/4 section corner of sections 15 and 22.

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From the 1/4 section corner of sections 22 and 23, monumented with an iron post, 1 in. diam., projecting 15 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 resurvey.

S. 89° 46.7' W., on the E-W center line of section 22.

**19.632** Point for the center E 1/16 section corner of section 22.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone to top, with aluminum cap marked:

T12S R1W  
C ——— E 1/16 ——— C  
S22  
1995

Set a steel fence post alongside the aluminum post.

Corner is located 15 lks. dist., W of a N and S fence line.

**39.264** The center 1/4 section corner of section 22.

**78.968** The 1/4 section corner of section 22 only, on the west boundary, monumented with an iron post, 1 ins. diam., projecting 14 ins. above ground, set in a mound of stone to top, with brass cap marked as described in the official record of the 1920 survey.

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From the center E 1/16 section corner of section 22.

N. 0° 00.6' W., on the N-S center line of the NE 1/4 of section 22.

**40.249** The E 1/16 section corner of sections 15 and 22.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Philip Tobler	Surveying Technician

### CERTIFICATE OF SURVEY

I, *Ferrel D. Reynolds, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *1st day of September, 1995*, I have *dependently resurveyed a portion of the subdivisinal lines and the subdivision of sections 11, 14, and 22, in Township 12 South, Range 1 West,*

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

\_\_\_\_\_  
April 22, 1997

Date



(Cadastral Surveyor)

\_\_\_\_\_

Date

\_\_\_\_\_

(Cadastral Surveyor)

### CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the subdivisinal lines and the subdivision of sections 11, 14, and 22, Township 12 South, Range 1 West, Salt Lake Meridian,,*

executed by *Ferrel D. Reynolds, Cadastral Surveyor*

having been critically examined and found correct, are hereby approved.

\_\_\_\_\_  
April 24, 1997

Date



(Chief Cadastral Surveyor for Utah)