

R-621

163

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF
A PORTION OF THE SOUTH BOUNDARY,
A PORTION OF THE SUBDIVISIONAL LINES
AND THE
SUBDIVISION OF SECTIONS

23 AND 26

IN

TOWNSHIP 11 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 2, 1994*, approved September 2, 1994, which provided for the surveys included under Group Number *821*, and assignment instructions dated *September 2, 1994*.

Survey commenced *September 6, 1994*

Survey completed *May 9, 1995*

INDEX DIAGRAM

Township 11 South, Range 1 West

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TOWNSHIP 11 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the south boundary, a portion of the subdivisional lines, and the subdivision of sections 23 and 26 in Township 11 South, Range 1 West, Salt Lake Meridian, Utah.

History of Surveys

	Surveyed by	Retr. or Resurveyed by		
NORTH BOUNDARY				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart	1877		
Portion			S.P. and A.J. Stewart	1897
SOUTH BOUNDARY				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart	1877		
Portion	J.C. Thoma	1920	J.C. Thoma	1920
EAST BOUNDARY				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart	1877	A.J. Stewart	1877
WEST BOUNDARY				
Portion	C.L. Craig	1856		
Portion	H.D. Heist	1903	H.D. Heist	1903
All			J.C. Thoma	1920
Portion			J.L. Thomas	1987
SUBDIVISION				
Portion	C.L. Craig	1856		
Portion	A.J. Stewart	1877		
Portion	J.C. Thoma	1920	J.C. Thoma	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. 821, dated September 2, 1994.

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.

TOWNSHIP 11 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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

The geographic position of the corner of sections 1, 2, 35 and 36, Townships 11 and 12 South, Range 1 West, as determined by using the Global Positioning System (G.P.S.) static relative positioning techniques, utilizing U. S. Coast and Geodetic Survey triangulation stations "Mona and Elberta" is:

Latitude 39°48' 21.22" N. Longitude 111°53' 47.25" W.
N.A.D. 1983

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

Dependent Resurvey of a Portion of the South Boundary,
T. 11 S., R. 1 W., Salt Lake Meridian, Utah

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

Beginning at the corner of sections 1, 2, 35, and 36, on the south boundary of the township, at the corner of fences, N, S, E and W. This corner point 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:

T11S R1W
S35 | S36
S2 | S1
T12S
1994

This corner was tied utilizing the Global Positioning System (G.P.S) and is now designated a B.L.M. Control Station.

S. 89°05.0' W., between sections 2 and 35.

Over rolling benchland, through sagebrush and shadscale.

39.883

Point for the 1/4 section corner of sections 2 and 35, at proportionate distance; no remaining evidence of the original corner was found.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

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:

T11S R1W
1/4 S35
 S2
 T12S
 1994

The corner is located in a 4 strand, barbed-wire fence line, projecting E and W.

- 79.766** The corner of sections 2, 3, 34, and 35, 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 resurvey.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 11 S., R. 1 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by C. L. Craig in 1856
and the Resurvey by A.J. Stewart in 1877

From the corner of sections 1, 2, 35, and 36.

N. 1°55.7' W., between sections 35 and 36.

Over rolling benchland, through sagebrush and shadscale.

- 40.408** The 1/4 section corner of sections 35 and 36, monumented with a Juab County aluminum post, projecting 6 ins. above ground, with a lava stone 20x12x6 ins., marked with a 1/4 set alongside, with the aluminum cap marked.

JUAB CO
T11S R1W
1/4
S35 | S36
1984

The corner is located in a 4 strand, barbed-wire fence line, projecting N and S.

N. 1°30.9' W., beginning new measurement.

- 40.144** The corner of sections 25, 26, 35, and 36, at the corner of fences, projecting N and E. This corner point is accepted as the best available evidence of the position of the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

At the corner point

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

T11S R1W	
S26	S25
S35	S36
1994	

The corner is located 25 lks. dist., N of a dirt road, bears E and W, and 25 lks. dist., E of a dirt road, bears N.

From the 1/4 section corner of sections 25 and 26, at the corner of fences, projecting N, S, E and W. This corner point is accepted as the best available evidence of the original corner position.

At the corner point

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

T11S R1W	
1/4	
S26	S25
1994	

The corner is located on the E side of a dirt road, bears N and S.

For verification of the evidence accepted at this corner position, a tie is made to the corner of sections 25, 26, 35, and 36, which bears S. 0° 58.4' E., 40.140 chs. distance.

N. 1°02.8' W., beginning new measurement.

40.030

The corner of sections 23, 24, 25, and 26, marked by a rebar at the corner of old fences, projecting N, S and E. This corner point is accepted as the best available evidence of the original corner position.

At the corner point

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T11S R1W
S23 | S24
S26 | S25
1994

The corner is located on the E side of a dirt road, bears N and S.

N. 0°22.0' W., between sections 23 and 24.

Over rolling benchland, through sagebrush and shadscale.

20.347 Point for the S 1/16 corner of sections 23 and 24.

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

T11S R1W
S 1/16
S23 | S24
1994

The corner is located 6 lks. dist., E of an old fence line, bears N and S.

40.694 The 1/4 section corner of sections 23 and 24, monumented with a trachyte stone, 15x10x8 ins., firmly set and dimly marked 1/4 on the W face.

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:

T11S R1W
1/4
S23 | S24
1994

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone W of the corner.

Set a steel fence post alongside the aluminum post.

Reestablishment of the Survey Executed by A.J. Stewart in 1877

From the corner of sections 2, 3, 34, and 35, on the south boundary of the township, hereinbefore described.

N. 1°26.0' W., between sections 34 and 35.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Over rolling, mountainous land, through scattered pinon and juniper growth.

- 40.655** Point for the 1/4 section corner of sections 34 and 35, at proportionate distance; no remaining evidence of the original corner was found.

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

T11S	R1W
	1/4
S34	S35
	1994

Set a steel fence post alongside the aluminum post.

- 81.310** Point for the corner of sections 26, 27, 34, and 35, at proportionate distance; no remaining evidence of the original corner was found.

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:

T11S	R1W
S27	S26
S34	S35
	1994

The corner is located on a broken E slope.

Reestablishment of the Survey Executed by C.L. Craig in 1856
and the Resurvey by A.J. Stewart in 1877

From the corner of sections 25, 26, 35, and 36.

S. 87°48.7' W., between sections 26 and 35.

Over rolling, mountainous land, through scattered pinon and juniper growth.

- 40.187** The 1/4 section corner of sections 26 and 35, monumented with a trachyte stone, 18x10x6 ins., firmly set and plainly marked 1/4 on the N face.

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:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T11S R1W
1/4 S26
 S35
 1994

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone N of the corner.

Set a steel fence post alongside the aluminum post.

N. 88°30.0' W., beginning new measurement.

39.212 The corner of sections 26, 27, 34, and 35.

Reestablishment of the Survey Executed by A.J. Stewart in 1877

S. 87°48.0' W., between sections 27 and 34.

Over broken, mountainous land, through pinon and juniper growth.

39.233 Point for the 1/4 section corner of sections 27 and 34, at proportionate distance; no remaining evidence of the original corner was found.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, in a mound of stone to top of aluminum cap marked:

T11S R1W
1/4 S27
 S34
 1994

The corner is located on a broken E slope.

78.466 The corner of sections 27 and 34 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 resurvey.

From the corner of sections 26, 27, 34, and 35.

N. 0°50.4' W., between sections 26 and 27.

Over broken mountainous land, through bitterbrush, pinon and juniper growth.

40.647 Point for the 1/4 section corner of sections 26 and 27, at proportionate distance; no remaining evidence of the original corner was found.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to bedrock, set in a mound of stone to top of aluminum cap marked:

T11S R1W
1/4
S27 | S26
1994

The corner is located on SE slope.

81.294

Point for the corner of sections 22, 23, 26, and 27, at proportionate distance; no remaining evidence of the original corner was found.

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

T11S R1W
S22 | S23
S27 | S26
1994

Set a steel fence post alongside the aluminum post.

Reestablishment of the Survey Executed by C.L. Craig in 1856
and the Resurvey by A.J. Stewart in 1877

From the corner of sections 23, 24, 25, and 26.

N. 89°22.0' W., between sections 23 and 26.

Over rolling benchland, through lightly scattered pinon and juniper growth.

39.502

The 1/4 section corner of sections 23 and 26, monumented with a trachyte stone, 15x10x6 ins., firmly set and plainly marked 1/4 on the N face.

At the corner point

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

T11S R1W
1/4 S23
 S26
 1994

Deposit the marked stone alongside the aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside the aluminum post.

The corner is located 105 lks. dist., E of a trail road, bears N and S.

N. 89°44.0' W., beginning new measurement.

39.622

The corner of sections 22, 23, 26, and 27.

Reestablishment of the Survey Executed by A.J. Stewart in 1877

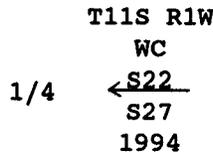
S. 88°14.9' W., between sections 22 and 27.

Over mountainous land, through pinon and juniper growth.

40.082

Point selected for the witness corner to the 1/4 section corner of sections 22 and 27.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 10 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top of aluminum cap marked:



40.132

Point for the 1/4 section corner of sections 22 and 27, at proportionate distance. No remaining evidence of the original corner was found. Point falls on a ledge and is unsuitable for permanent monumentation.

80.264

The corner of sections 22 and 27 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 resurvey.

From the corner of sections 22, 23, 26, and 27.

N. 0°57.4' W., between sections 22 and 23.

Over mountainous land, through pinon and juniper growth.

40.644

Point for the 1/4 section corner of sections 22 and 23, at proportionate distance; no remaining evidence of the original corner was found.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 16 ins. in the ground to bedrock, in a mound of stone to top of aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T11S R1W
1/4
S22 | S23
1994

The corner is located on steep E slope.

81.288 Point for corner of sections 14, 15, 22, and 23, at proportionate distance; no remaining evidence of the original corner was found.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 8 ins. in the ground to bedrock, in a mound of stone, 4 ft. base, to top of aluminum cap marked:

T11S R1W
S15 | S14
S22 | S23
1994

From this corner, the closing corner of sections 2 and 3, on the north boundary of the township, bears N. 0°12.5' W., 243.238 chains dist., monumented with a trachyte stone, 15x14x12 ins., firmly set in a mound of stone and plainly marked with 4 notches on the W and 2 on the E edges, and CC marked on the S face. This control line was fully retraced and a careful search was made for evidence of intervening corners, none of which were recovered.

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:

T10S
S35
S3 | S2
C | C
T11S R1W
1994

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone S of the corner.

The corner is located on the NW slope of a spur, projecting SW.

From the 1/4 section corner of sections 14 and 23, monumented with a trachyte stone, 22x14x10 ins., firmly set and plainly marked 1/4 on the N face.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, to top of aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T11S R1W
1/4 S14
 S23
 1994

Deposit the marked stone alongside the aluminum post.

Set a steel fence post alongside the aluminum post.

The corner is located on a N slope, 12 lks. dist., W of a N and S fence line.

N. 89°23.8' W., between sections 14 and 23.

Over mountainous land, through pinon and juniper growth.

39.960 The corner of sections 14, 15, 22, and 23.

N. 88°45.6' W., between sections 15 and 22.

Over mountainous land, through pinon and juniper growth.

40.210 Point for the 1/4 section corner of sections 15 and 22, at proportionate distance; no remaining evidence of the original corner was found.

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

T11S R1W
1/4 S15
 S22
 1994

The corner is located on a steep N slope, in pinon and juniper growth.

80.420 The 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 and witnessed as described in the official record of the 1920 resurvey.

The Subdivision of Section 23,
T. 11 S., R 1 W., Salt Lake Meridian Utah

From the 1/4 section corner of sections 23 and 26.

N. 0°42.9' W., on the N - S center line of section 23.

20.272 Point for the center S 1/16 section corner of section 23.

THE SUBDIVISION OF SECTION 23,
T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

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

T11S R1W
C
S 1/16 | S23
C
1994

Set a steel fence post alongside the aluminum post.

The corner is located 20 lks. dist., E of a trail road, bears N and S.

40.544 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, in a collar of stone, with aluminum cap marked:

T11S R1W
C 1/4 S23
1994

Set a steel fence post alongside the aluminum post.

81.050 The 1/4 section corner of sections 14 and 23.

From the 1/4 section corner of sections 23 and 24.

N. 89°35.2' W., on the E - W center line of section 23.

39.742 The center 1/4 section corner.

79.534 The 1/4 section corner of sections 22 and 23.

From the S 1/16 section corner of sections 23 and 24.

N. 89°28.6' W., on the E - W center line of the SE 1/4 of section 23.

39.622 The center S 1/16 section corner of section 23.

The Subdivision of Section 26
T. 11 S., R. 1 W., Salt Lake Meridian Utah

From the 1/4 section corner of sections 26 and 35.

THE SUBDIVISION OF SECTION 26,
T. 11 S., R. 1 W., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°32.0' W., on the N - S center line of section 26.

41.670

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, in a collar of stone, with aluminum cap marked:

T11S R1W
C 1/4 S26
1994

Set a steel fence post alongside the aluminum post.

82.130

The 1/4 section corner of sections 23 and 26.

From the 1/4 section corner of sections 25 and 26.

S. 89°59.8' W., on the E - W center line of section 26.

39.860

The center 1/4 section corner.

79.264

The 1/4 section corner of sections 26 and 27.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Shawn Peterson	Survey Technician
Philip Tobler	Survey 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 *2nd day of September, 1994*, I have *dependently resurveyed a portion of the south boundary, a portion of the subdivisional lines and subdivided sections 23 and 26, in Township 11 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

Ferrel D. Reynolds

(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 south boundary, a portion of the subdivisional lines and the subdivision of sections 23 and 26, in Township 11 South, Range 1 West, Salt Lake Meridian, Utah,*

executed by *Ferrel D. Reynolds, Cadastral Surveyor*

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

August 29, 1997

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)