

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 12 AND 13

IN

TOWNSHIP 15 SOUTH, RANGE 3 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

*Christopher J. May, Student Trainee,
Under the supervision of
Ronald K. Batty, Cadastral Surveyor*

Under Special Instructions dated **May 20, 2014**, approved **May 20, 2014**, which provided for the surveys included under Group Number **1268**, and assignment instructions dated **May 20, 2014**.

Survey Commenced, **June 23, 2014**
Survey Completed, **June 30, 2014**

INDEX DIAGRAM

TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 12 and 13, in T. 15 S., R. 3 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY (Third Standard Parallel South)			
Portion	F. Dickert	1871	
All	A.J. Stewart Jr.	1884	A.J. Stewart Jr. 1884
Portion			J.C. Thoma & Etal. 1919
Portion			R.K. Baugh & M.R. Workman 1996-97
Portion			J.E. Carroll 1997
EAST BOUNDARY			
Portion	F. Dickert	1871	
All	A.J. Stewart Jr.	1884	A.J. Stewart Jr. 1884
All			R.L. Houston 1997
Portion			R.K. Baugh 2000
WEST BOUNDARY			
Portion	J. Gorlinski	1873	
All	A.J. Stewart Jr.	1884	A.J. Stewart Jr. 1884
Portion			A.J. Stewart & E.R. Clark 1913
All			A.W. Miller & I. Hayes 1916
Portion			J.C. Thoma & Etal. 1920
NORTH BOUNDARY			
All	S.M. Richardson	1884	
Portion			J.C. Thoma & Etal. 1920
Portion			R.K. Baugh & M.R. Workman 96-2000
SUBDIVISION			
Portion	A.J. Stewart Jr.	1884	
Portion	J.C. Thoma & Etal.	1919-20	J.C. Thoma & Etal. 1919-20
Remon.			F.D. Reynolds 1969
Portion			R.K. Baugh & M.R. Workman 1996-97
Portion			R.K. Baugh 2000

PRIVATE

Juab County Recorder / Surveyor office has section corner tie sheets on file which were recovered during the course of resurvey.

TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 1268, dated May 20, 2014.

The direction of each line is with reference to the true meridian, determined by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards for the Positional Accuracy of Cadastral Surveys when using Global Navigation Satellite Systems (GNSS)*, dated February 23, 2009. Trimble model R8 GPS receivers were used for field collection. Cadastral Automated Plat Drafting (CAPD) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations, post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS); P105 DELTAMUNI_UT2004, PUC1 CARBON COUNTY COU, and P009 MARYSVALE_UT2006.

The geographic position of the corner of sections 13, 14, 24, and 25, T. 15 S., R. 3 W., is as follows:

Latitude: **39°30'16.071" N.**,
Longitude: **112°08'48.058" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.100 meter at 95% confidence

The geographic position of the 1/4 section corner of sections 11 and 12, T. 15 S., R. 3 W., as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **39°31'33.281" N.**,
Longitude: **112°08'47.654" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 15 S., R. 3 W., Salt Lake Meridian.

Reestablishment of the Survey Executed by A.J. Stewart Jr. in
1884 and the Resurvey Executed by R.K. Baugh & M.R. Workman in
1996-97.

Beginning at the 1/4 section corner of sections 25 and 26,
monumented with an iron post, 2 1/2 inches diameter, firmly set,
projecting 2 inches above the ground with brass cap marked as
described in the official record of the 1969 remonumentation with
mound of stone, 1 1/2 feet base 3 inches high, S. of corner.

Corner falls in a barbed wire fence corner extending N., S. and W.

N. 0° 00.3' W., between sections 25 and 26.

- 39.822** The corner of sections 23, 24, 25, and 26, first recovered as
described in the Juab County tie sheet number TS-0888 by Ronald L.
Enger, Utah R.L.S. number 6464; further verified and perpetuated
by Stephen L. Ludlow Utah R.L.S. number 5342, as described in the
Juab County tie sheet number TS-0891 recorded in 1987; monumented
with a Juab County aluminum pipe, 2 1/2 inches diameter, firmly
set, projecting 5 inches above the ground with aluminum cap marked
S23 S24 S25 S26 1986; with a red steel fence post alongside, and
is accepted as a careful and faithful perpetuation of the original
position.

Corner falls in a barbed wire fence line extending N. and S.

From the corner of sections 19, 24, 25, and 30, on the east
boundary of the township, monumented with an aluminum post, 2 1/2
inches diameter, firmly set, projecting 1 inch above a mound of
stone, 3 feet base, 6 inches high, with aluminum cap marked as
described in the official record of the 1997 resurvey; with a
steel fence post alongside.

N. 89°43.5' W., between sections 24 and 25.

- 39.815** Point for the 1/4 section corner of sections 24 and 25, at
proportionate distance. There is no remaining evidence of the
original corner.

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 24
inches in the ground, magnet at base, with aluminum cap marked

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

T15S R3W
S24
1/4 —————
S25
2014

Set a steel fence post alongside.

A barbed wire fence extends E. and W., bearing N., 1.5 links distance.

79.630 The corner of sections 23, 24, 25, and 26.

N. 0°13.2' W., between sections 23 and 24.

40.073 The 1/4 section corner of sections 23 and 24, recovered and perpetuated as described by the Juab County tie sheet number TS-0889, by Stephen L. Ludlow Utah R.L.S. number 5342 recorded in 1987; monumented with a Juab County aluminum pipe, 2 1/2 inches diameter, firmly set, flush with the surface of the ground, with aluminum cap marked 1/4 S23 S24 1986; with steel fence post alongside, and is accepted as a careful and faithful perpetuation of the original position.

The centerline of a graded dirt road, bearing N. and S., bears W., 30 links distance.

N. 0°25.0' W., beginning a new measurement.

40.184 The corner of sections 13, 14, 23, and 24, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, in a mound of stone, 3 feet base, 6 inches high, with aluminum cap marked as described in the official record of the 1996-97 resurvey.

Set a steel fence post alongside.

From the corner of sections 13, 18, 19, and 24, on the east boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above a mound of stone, 2 1/2 feet base, 12 inches high, with aluminum cap marked as described in the official record of the 1997 resurvey; with a steel fence post alongside.

Corner falls in a barbed wire fence line extending N. and S.

N. 89°07.4' W., between sections 13 and 24.

39.948 The 1/4 section corner of sections 13 and 24, monumented with a limestone, 14X10X6 inches, firmly set, projecting, 3 inches above the ground, clearly marked 1/4 on west face.

At the corner point

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, magnet at base, with aluminum cap marked

T15S R3W
S13
1/4 —————
S24
2014

Deposit marked stone alongside.

Raise a mound of stone, 3 feet base, 1 1/2 feet high, N. of corner.

Corner is located in the bottom of a wide grassy draw, draining NE.

S. 89°20.5' W., beginning a new measurement.

20.059 Point for the W 1/16 section corner of sections 13 and 24.

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, magnet at base, with aluminum cap marked

S13
W1/16 —————
S24
2014

Set steel fence post alongside.

40.118 The corner of sections 13, 14, 23, and 24.

N. 0°02.3' W., between sections 13 and 14.

19.733 Point for the S 1/16 section corner of sections 13 and 14.

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, magnet at base, with aluminum cap marked

S 1/16
S14 | S13
2014

Set a steel fence post alongside.

39.466 The 1/4 section corner of sections 13 and 14, monumented with an aluminum post, firmly set, projecting 7 inches above the ground, with aluminum cap marked as described in the official record of the 1996-97 resurvey; with a mound of stone, 2 1/2 feet base, 8 inches high, W. of corner, and a steel fence post alongside.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
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CHAINS

Corner is located on gently rolling ground with scattered sagebrush.

N. 0°02.2' W., beginning a new measurement.

19.736 Point for the N 1/16 section corner of sections 13 and 14, not monumented.

39.472 The corner of sections 11, 12, 13, and 14, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 5 inches above the ground with aluminum cap marked as described in the official record of the 1996-97 resurvey; with a mound of stone, 3 feet base, 7 inches high, W. of corner.

A fence, extending E. and W., bears N., approximately 61 links distance.

A fence extending N. and S., bears W., approximately 62 links distance.

Corner is located on flat sandy soil amongst short sagebrush growth.

From the 1/4 section corner of sections 12 and 13, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 5 inches above the ground with aluminum cap marked as described in the official record of the 1996-97; with a mound of stone, 2 1/2 feet base, 10 inches high, N. of corner.

A drainage, course NE, bears SE, approximately 75 links distance.

A fence extending E. and W., bears N., approximately 3 chains distance.

N. 87°50.4' W., between sections 12 and 13.

19.725 Point for the W 1/16 section corner of sections 12 and 13, not monumented.

39.450 The corner of sections 11, 12, 13, and 14.

N. 0°46.3' E., between sections 11 and 12.

39.463 The 1/4 section corner of sections 11 and 12, monumented with and aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above the ground, with aluminum cap marked as described in the official record of the 1996-97 resurvey; with a mound of stone 2 1/2 feet base, 6 inches high, W. of corner, and a steel fence post alongside.

From this point

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CHAINS

A 5/8 inch diameter rebar, firmly set, projecting 3 inches above a mound of stone, 2 feet base, with 1 1/2 inch aluminum cap, bears N. 6°27.9' W., 89 links distance, cap marked LAND COR 1/4 S11 S12 RLS 6464 T15SR3W.

Subdivision of Section 12,
T. 15 S., R. 3 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 12 and 13.

N. 1°12.2' E., along the N. and S. center line of section 12.

41.269 Point for the center 1/4 section corner of section 12, at the intersection of the E. and W. center line.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, magnet at base, with aluminum cap marked

T15S R3W
C1/4-S12
2014

Set a steel fence post alongside.

81.011 The 1/4 section corner of sections 1 and 12, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting, 7 inches above the ground with aluminum cap marked as described in the official record of the 2000 resurvey; with a mound of stone 2 1/2 feet base, 18 inches high, N. of corner.

Corner is located on grassy rolling ground at the edge of a ridge bearing E. and W.

From the 1/4 section corner of sections 7 and 12, on the east boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, in a mound of stone, 3 feet base, 10 inches high, with aluminum cap marked as described in the official record of the 1997 resurvey; with a steel fence post alongside.

S. 89°32.9' W., along the E. and W. center line of section 12.

39.835 The center 1/4 section corner of sections 12.

79.589 The 1/4 section corner of sections 11 and 12.

Subdivision of Section 13,
T. 15 S., R. 3 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 13 and 24.

SUBDIVISION OF SECTION 13,
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°32.9' W., along the N. and S. centerline of section 13.

19.535 Point for the center S 1/16 section corner of section 13, not monumented.

39.070 Point for the center 1/4 section corner of section 13, at the intersection of the E. and W. centerline.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, magnet at base, with aluminum cap marked

T15S R3W
C1/4·S13
2014

Set a steel fence post alongside.

58.032 Point for the center N 1/16 section corner of section 13.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, magnet at base, aluminum cap marked

C
N1/16 | S13
C
2014

Set a steel fence post alongside.

From this point

A nail, 1/4 inch diameter, with plastic cap marked EDWARDS 162522 bears N. 84°55.5' W., 2.34 links distance; this monument was not utilized during the course of this survey.

76.994 The 1/4 section corner of sections 12 and 13.

From the 1/4 section corner of sections 13 and 18, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 5 inches above the ground with aluminum cap marked as described in the official record of the 1997 resurvey; with a mound of stone, 1 foot base, 5 inches high, W. of corner and a steel fence post alongside.

Corner is located in a barbed wire fence line extending N. and S.

S. 89°54.6' W., along the E. and W. centerline of section 13.

40.407 The center 1/4 section corner of section 13.

60.289 Point for the center W 1/16 section corner of section 13.

SUBDIVISION OF SECTION 13,
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with magnet at base and aluminum cap marked

W 1/16
C-----C
S13
2014

From this point

A nail, 1/4 inch diameter, with plastic cap marked EDWARDS 162522, bears N. 84°36.6' W., 2.18 links distance; this monument was not utilized during the course of this survey.

80.171 The 1/4 section corner of sections 13 and 14.

From the W 1/16 section corner of sections 13 and 24.

N. 0°17.5' W., along the N. and S. centerline of the SW 1/4 of section 13.

19.634 Point for the SW 1/16 section corner of section 13, at intersection with the E. and W. centerline of the SW 1/4 of section 13.

Set aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, magnet at base, with aluminum cap marked

SW 1/16 · S13
2014

Set a steel fence post alongside.

39.268 The center W 1/16 section corner of section 13.

From the point for the center S 1/16 section corner of section 13.

S. 89°37.5' W., along the E. and W. centerline of the SW 1/4 of section 13.

19.970 The SW 1/16 section corner of section 13.

39.940 The S 1/16 section corner of sections 13 and 14.

From the center W 1/16 section corner of section 13.

N. 0°17.2' W., along the N. and S. centerline of the NW 1/4 of section 13.

19.348 Point for the NW 1/16 section corner of section 13, at intersection with the E. and W. centerline of the NW 1/4 of section 13.

SUBDIVISION OF SECTION 13,
TOWNSHIP 15 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, magnet at base, with aluminum cap marked

NW 1/16 · S13
2014

From which

A rebar, 1/2 inch diameter, with plastic cap marked EDWARDS 162522, bears N. 79°21.1' W., 1.17 links distance; with a steel fence post alongside. This monument was not utilized during the course of this survey.

38.696 The point for the W 1/16 section corner of sections 12 and 13.

From the center N 1/16 section corner of section 13.

N. 88°58.1' W., along the E. and W. centerline of the NW 1/4 of section 13.

19.800 The NW 1/16 section corner of section 13.

39.600 The point for the N 1/16 section corner of sections 13 and 14.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

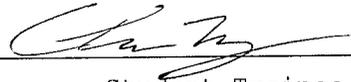
Name	Capacity
Matthew N. Gillins	Survey Technician
Kevin R. Muncey	Survey Aid

CERTIFICATE OF SURVEY

We, **Christopher J. May, Student Trainee, and Ronald K. Batty, Cadastral Surveyor**, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the **May 20, 2014**, we have **dependently resurveyed of a portion of the subdivisional lines, and the subdivision of sections 12 and 13, in Township 15 South, Range 3 West, of the Salt Lake Meridian, in the State of Utah**, which are represented in the foregoing field notes as having been executed by us and under our 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.

Nov. 19, 2015

Date



Student Trainee

Nov 20, 2015

Date



Cadastral Surveyor

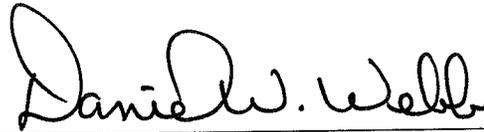
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of the subdivisional lines, and the subdivision of sections 12 and 13, in Township 15 South, Range 3 West, Salt Lake Meridian, Utah**, executed by **Christopher J. May, Student Trainee, under the supervision of Ronald K. Batty, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

January 15, 2016

Date



Chief Cadastral Surveyor for Utah