

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 SECTION 17

IN

TOWNSHIP 23 SOUTH, RANGE 19 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Christopher J. May
Cadastral Surveyor

Under Special Instructions dated **November 24, 2014**, approved **November 24, 2014**, which provided for the surveys included under Group Number **1287**, and Assignment Instructions dated **November 24, 2014**.

Survey Commenced, **November 5, 2014**
Survey Completed, **December 23, 2014**

INDEX DIAGRAM

TOWNSHIP 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 23 SOUTH, RANGE 19 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 section 17, in T. 23 S., R. 19 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by			Retr. or Resurveyed by	
SOUTH BOUNDARY				
All	A.J. Stewart Jr.	1875		
All			R. Gentry	1923
EAST BOUNDARY				
All	A.J. Stewart Jr.	1875		
All			C.F. Moore & Etal.	1923
WEST BOUNDARY				
All	A.J. Stewart Jr.	1875		
All			C.P. Sylvester	1963
NORTH BOUNDARY				
All	A.J. Stewart Jr.	1875		
All			A.J. Stewart Jr.	1882
All			C.P. Sylvester	1963
SUBDIVISION				
All	A.J. Stewart Jr.	1875		
All			C.P. Sylvester	1963

TOWNSHIP 23 SOUTH, RANGE 19 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. 1287, dated November 24, 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); NVSV SPRING VALLEY CORS ARP, NVPI PIOCHE CORS ARP, AND ECHO ECHO_BRGN_NV1999 CORS ARP.

The geographic position of the corner of sections 7, 8, 17, and 18, as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **38°49'23.406" N.**,
Longitude: **114°00'51.957" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence

The geographic position of the corner of sections 17, 18, 19, and 20, as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **38°48'31.322" N.**,
Longitude: **114°00'52.510" 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 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 19 W., Salt Lake Meridian, Utah

Reestablishment of the Survey executed by A.J. Stewart Jr. in
1875 and the Resurvey executed by C.P. Sylvester in 1963

Beginning at the corner of sections 16, 17, 20, and 21,
monumented with an iron post, 2 1/2 inches diameter, firmly set,
projecting 3 inches above the ground, with brass cap marked as
described in the official record of the 1963 resurvey.

Corner is located in a corner of fence lines extending east-west
and south.

N. 0°11.8' W., between sections 16 and 17.

20.149 Point for the S 1/16 section corner of sections 16 and 17, not
monumented.

40.298 The 1/4 section corner of sections 16 and 17, monumented with an
iron post, 2 1/2 inches diameter, firmly set, projecting 3
inches above the ground, with brass cap marked as described in
the official record of 1963 resurvey; with marked stone along
north side of corner and a steel fence post along southwest side
of corner.

Corner is located in an old fence line extending north and
south; there is no wire on the fence posts.

N. 1°16.4' E., beginning a new measurement.

20.048 Point for the N 1/16 section corner of sections 16 and 17.

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

N1/16
S17 | S16
2014

Set a steel fence post alongside.

40.096 The corner of sections 8, 9, 16, and 17, monumented with an iron
post, 2 1/2 inches diameter, firmly set, projecting 8 inches
above the ground, with brass cap marked as described in the
official record of the 1963 resurvey.

Corner is located in a corner of fence lines extending north and
west.

From the corner of sections 16, 17, 20, and 21.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 89°58.6' W., between sections 17 and 20.

19.958 Point for the E 1/16 section corner of sections 17 and 20, not monumented.

39.916 Point for the 1/4 section corner of section 17 and 20, at proportionate distance, falls on the east edge of a graded dirt road bearing northeast and southwest. There is no remaining evidence of the original corner. Corner was not remonumented during the 1963 resurvey.

Set a rail road spike, 4 inches below the surface of the graded dirt road.

From which

A stainless steel post, 30 inches long, 2 1/2 inches diameter, set 25 inches in the ground, with magnet at base, for a reference monument, bears S. 19°56.9' E., 33.5 links distance, with brass cap marked RM 1/4 S20 T23S R19W 22.10 FT 2014 with an arrow pointing to corner.

A stainless steel post, 30 inches long, 2 1/2 inches diameter, set 27 inches in the ground, with magnet at base, for a reference monument, bears N. 65°14.7' E., 59.8 links distance, with brass cap marked RM 1/4 S17 T23S R19W 39.43 FT 2014 with an arrow pointing to corner.

79.833 The corner of sections 17, 18, 19, and 20, monumented with an iron post, firmly set, projecting 11 inches above the ground, with brass cap marked as described in the official record of the 1963 resurvey.

Corner is located in fence line extending north and south.

From the 1/4 section corner of sections 17 and 18, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 4 inches above the ground, with brass cap marked as described in the official record of the 1963 resurvey; with a steel fence post along the north side of corner.

N. 0°29.9' E., between sections 17 and 18.

20.005 Point for the N 1/16 section corner of sections 17 and 18.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with magnet at base and brass cap marked

N1/16
S18 | S17
2014

40.010 The corner of sections 7, 8, 17, and 18, monumented with an iron

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

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post, firmly set, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1963 resurvey.

Corner is located in a corner of fence lines extending south and east.

From the corner of sections 8, 9, 16, and 17.

S. 89°38.7' W., between sections 8 and 17.

19.977 Point for the E 1/16 section corner of sections 8 and 17, not monumented.

39.954 Point for the 1/4 section corner of sections 8 and 17, at proportionate distance, not monumented. Corner was not remonumented during the 1963 resurvey.

59.931 Point for the W 1/16 section corner of sections 8 and 17.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with magnet at base and brass cap marked

	S8
W 1/16	—————
	S17
	2014

Corner falls on grassy flat land.

79.908 The corner of sections 7, 8, 17, and 18.

Subdivision of Section 17,
T. 23 S., R. 19 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 17 and 20.

N. 0°30.4' E., along the N-S centerline of section 17.

20.038 Point for the center S 1/16 section corner of section 17.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with magnet at base and brass cap marked

	C
S1/16	S17
	C
	2014

Corner falls on the south edge of an east and west ditch, drains westerly.

SUBDIVISION OF SECTION 17,
TOWNSHIP 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 40.076** Point for the center 1/4 section corner of section 17, at intersection with the E-W centerline of section 17, not monumented.
- 60.100** Point for the center N 1/16 section corner of section 17, not monumented.
- 80.124** The point for the 1/4 section corner of sections 8 and 17.

From the 1/4 section corner of sections 16 and 17.

S. 89°41.9' W., along the E-W centerline of section 17.

- 19.710** Point for the center E 1/16 section corner of section 17.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with a magnet at base and brass cap marked

E 1/16
C ————— C
S17
2014

Set a steel fence post alongside.

- 39.420** The point for the center 1/4 section corner of section 17.
- 79.372** The 1/4 section corner of sections 17 and 18.

From the center E 1/16 section corner of section 17.

N. 0°53.4' E., along the N-S centerline of the NE 1/4 of section 17.

- 20.036** Point for the NE 1/16 section corner of section 17, at intersection with the E-W centerline of the NE 1/4 of section 17.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 29 inches in the ground, with magnet at base and brass cap marked

NE 1/16 · S17
2014

Set a steel fence post alongside.

Corner is located on east side of a fence line extending northerly and southerly.

- 40.072** The point for the E 1/16 section corner of sections 8 and 17.

SUBDIVISION OF SECTION 17,
TOWNSHIP 23 SOUTH, RANGE 19 WEST, SALT LAKE MERIDIAN, UTAH

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From the N 1/16 section corner of sections 16 and 17.

S. 89°40.3' W., along the E-W centerline of the NE 1/4 of section 17.

19.844 The NE 1/16 section corner of section 17.

39.688 The point for the center N 1/16 section corner of section 17.

From the point for the E 1/16 section corner of sections 17 and 20.

N. 0°09.2' E., along the N-S centerline of the SE 1/4 of section 17.

20.093 Point for the SE 1/16 section corner of section 17, at the intersection of the E-W centerline of the SE 1/4 of section 17.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with magnet at base and brass cap marked

SE 1/16 · S17
2014

Set a steel fence post alongside.

40.186 The center E 1/16 section corner of section 17.

From the point for the S 1/16 section corner of sections 16 and 17.

S. 89°51.7' W., along the E-W centerline of the SE 1/4 of section 17.

19.834 The SE 1/16 section corner of section 17.

39.668 The center S 1/16 section corner of section 17.

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FIELD ASSISTANTS

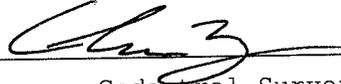
Name	Capacity
Ronald K. Baugh	Supervisory Cadastral Surveyor
Matthew Gillins	Survey Technician
Jamie Duffy	Survey Aid

CERTIFICATE OF SURVEY

I, **Christopher J. May, Cadastral Surveyor**, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the **24th day of November, 2014**, I have **dependently resurveyed a portion of the subdivisional lines and the subdivision of section 17, in Township 23 South, Range 19 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.

May 24, 2016

Date



Cadastral Surveyor

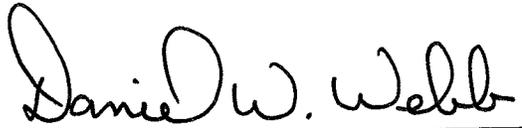
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the subdivisional lines and the subdivision of section 17, in Township 23 South, Range 19 West, Salt Lake Meridian, Utah**, executed by **Christopher J. May, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

May 24, 2016

Date



Chief Cadastral Surveyor for Utah