

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 SECTION 35,

IN

**TOWNSHIP 10 NORTH, RANGE 17 WEST,**

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

***Scott A. Burkhardt***  
***Cadastral Surveyor***

Under Special Instructions dated and approved **November 20, 2013**, which provided for the surveys included under Group Number **1250**, and Assignment Instructions dated **November 20, 2013**.

Survey Commenced, **November 21, 2013**  
Survey Completed, **July 9, 2014**

## INDEX DIAGRAM

TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

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## TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the south boundary, a portion of the subdivisional lines, and the subdivision of section 35, in T. 10 N., R. 17 W., Salt Lake Meridian, Utah.

**HISTORY OF SURVEYS**

	<b>Surveyed by</b>		<b>Retr. or Resurveyed by</b>	
<b>SOUTH BOUNDARY</b>				
All	F. Dickert	1882		
<b>EAST BOUNDARY</b>				
All Portion	H. Fitzhugh	1883	D.T. Gillins	2008-10
<b>WEST BOUNDARY</b>				
All	F. Dickert	1882		
<b>NORTH BOUNDARY</b>				
All	H. Fitzhugh	1883		
<b>SUBDIVISION</b>				
All	A.P. Hanson	1893		

## TOWNSHIP 10 NORTH, RANGE 17 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. 1250, dated November 20, 2013.

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 were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations, post processed by the National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): DL7734 P100 PARKVALLEYUT2007 CORS ARP, DL7710 P007 SALMONFALLNV2007 CORS ARP, and DG9771 P121 HNSLVALLY\_UT2004 CORS ARP.

The geographic position of the corner of sections 25, 26, 35, and 36, T. 10 N., R. 17 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **41°33'09.294" N.**,  
Longitude: **113°45'07.285" 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 2, 3, 34, and 35, Tps. 9 and 10 N., R. 17 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **41°32'16.783" N.**,  
Longitude: **113°46'16.355" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,  
Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,  
TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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Dependent Resurvey of a Portion of the South Boundary,  
T. 10 N., R. 17 W., Salt Lake Meridian, Utah

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The Reestablishment of the Survey Executed by F. Dickert in 1882

Beginning at the 1/4 section corner of sections 2 and 35, on the south boundary of the township, monumented with a limestone, 18x18x6 inches (record: 24x10x9 inches), firmly set, projecting 8 inches above the ground, marked 1/4 on north face, with a mound of stone, 3 feet base, 1 foot high, northwest of corner. With a rebar, 5/8 inch diameter, 18 inches long, with a plastic yellow cap melted and illegible, alongside.

At the corner

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with a magnet at base, in a mound of stone, 3 feet base, to aluminum cap marked

T10N R17W  
S35  
1/4 

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 S2  
T9N  
2013

Bury marked stone alongside the corner, rebar with cap placed inside aluminum post.

Set a steel fence post north of the corner.

Corner is located at a fence corner, with fences extending north, west, and east.

**S. 89°11.8'W.**, between sections 2 and 35.

**39.358** The corner of sections 2, 3, 34, and 35, monumented with a limestone, 16x13x6 inches firmly set, projecting 6 inches above an embedded collar of stone, 2 1/2 feet base, marked with 2 notches on the east edge, 1 notch on the west edge (record: 22x12x4 inches, marked with 2 notches on east edge, 4 notches on west edge).

At the corner

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

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,  
TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

T10N R17W

S34	S35
S3	S2

T9N  
2013

Bury marked stone in collar of stone.

Set a steel fence post east of the corner.

From the corner, a fence with old juniper posts and 4 feet high wire mesh with 2-strand barbed-wire, extending east and N. 80° W.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 10 N., R. 17 W., Salt Lake Meridian, Utah

The Reestablishment of the Survey Executed by A.P. Hanson in 1893

From the 1/4 section corner of sections 35 and 36, monumented with a white granite stone, 15x9x8 inches (record: 18x12x9 inches), firmly set, marked 1/4 on the west face, with an embedded mound of stone to the west of corner.

At the corner

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with a magnet at base, with aluminum cap marked

T10N	R17W
1/4	
S35	S36
2014	

Corner is located on a gentle east facing slope. An old fence extending north-south is approximately 50 links west of the corner.

N. 0°17.8' E., between sections 35 and 36.

**39.974** The corner of sections 25, 26, 35, and 36, monumented with a white limestone, 15x7x6 inches (record: 19x10x7 inches), firmly set, projecting 8 inches above the ground, marked with 1 notch on the east and south edges; with a mound of stone, 2 feet base, 2 feet high, west of corner.

At the corner

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 25 inches in the ground, with a magnet at base, with aluminum cap

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

marked

T10N R17W	
S26	S25
S35	S36
2013	

Bury marked stone alongside the corner.

Corner is located on a moderately-steep, north-facing slope.

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

**N. 0°19.1'W.**, between sections 34 and 35.

- 40.351** Point for the 1/4 section corner of sections 34 and 35, at proportionate distance. There is no remaining evidence of the marked stone or mound of stone.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 27 inches in the ground, with a magnet at base, with aluminum cap marked

T10N R17W	
1/4	
S34	S35
2013	

Set a steel fence post north of the corner.

Corner is located on a moderately-steep, west-facing slope.

- 80.702** The corner of sections 26, 27, 34, and 35, monumented with a limestone, 13x10x9 inches (record: 18x12x10 inches), firmly set, projecting 4 inches above the ground, marked with 2 notches on the east edge, 1 notch on the south edge; with an embedded mound of stone, 2 feet base, 1 foot high, west of corner.

At the corner

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

T10N R17W	
S27	S26
S34	S35
2013	

Bury marked stone alongside the corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post north of the corner.

Corner is located on top of a ridge, in steep terrain.

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

**N. 89°40.3'W.**, between sections 26 and 35.

- 40.150** The 1/4 section corner of sections 26 and 35, monumented with a limestone, 14x8x7 inches (record: 18x8x9 inches), firmly set, projecting 8 inches above the ground, marked 1/4 on north face. There is no remaining evidence of the mound of stone or bearing trees.

At the corner

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

T10N	R17W
	S26
1/4	-----
	S35
2013	

Bury marked stone in the collar of stone.

Set a steel fence post north of the corner.

From the corner, a fence, with juniper posts and 4 feet high wire mesh with 2-strand barbed-wire, extending south and east.

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**S. 89°52.6'W.**, beginning new measurement.

- 39.894** The corner of sections 26, 27, 34, and 35.
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The Subdivision of Section 35,  
T. 10 N., R. 17 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 2 and 35, on the south boundary of the township, hereinbefore described.

**N. 0°04.3' E.**, on the N-S centerline of section 35.

- 39.915** Point for the center 1/4 section corner of section 35, at the intersection with the E-W centerline of section 35.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with magnet at base, in a mound of stone, 2 1/2 feet base, 6 inches high, with aluminum cap marked

THE SUBDIVISION OF SECTION 35,  
TOWNSHIP 10 NORTH, RANGE 17 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

T10N R17W

C 1/4 S35

2013

From the corner, fences extending north and south.

Corner is located on a southwest-facing slope.

**80.236** The 1/4 section corner of sections 26 and 35.

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From the 1/4 section corner of sections 35 and 36.

**S. 89°50.0' W.**, on the E-W centerline of section 35.

**39.997** The center 1/4 section corner of section 35.

**79.620** The 1/4 section corner of sections 34 and 35.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Phil Freiberg	Survey Technician
Keith Batty	Cadastral Surveyor

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## CERTIFICATE OF SURVEY

I, *Scott A. Burkhardt, Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *November 20, 2013*, I have *dependently resurveyed a portion of the south boundary, a portion of the subdivisional lines, and subdivided section 35, in Township 10 North, Range 17 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.

*5/12/15*

Date

*Scott A. Burkhardt*

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 section 35, in Township 10 North, Range 17 West, Salt Lake Meridian; Utah*, executed by *Scott A. Burkhardt, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

*May 20, 2015*

Date

*Daniel W. Webb*

Chief Cadastral Surveyor for Utah