

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SOUTH BOUNDARY,

AND

A PORTION OF THE SUBDIVISIONAL LINES,

IN

**TOWNSHIP 33 SOUTH, RANGE 13 WEST,**

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

***Jeremy D. Davis***  
***Cadastral Surveyor***

Under Special Instructions dated and approved **May 27, 2013**, which provided for the surveys included under Group Number **1230**, and Assignment Instructions dated **May 27, 2013**.

Survey Commenced, **May 30, 2013**  
Survey Completed, **June 5, 2013**

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## TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the south boundary, and a portion of the subdivisional lines, in T. 33 S., R. 13 W., Salt Lake Meridian, Utah.

## HISTORY OF SURVEYS

Surveyed by		Retr. or Resurveyed by	
<b>SOUTH BOUNDARY</b>			
All	C.L. Ericzon	1875	
<b>EAST BOUNDARY</b>			
All	C.L. Ericzon	1875	A. Nelson & W.A. Stumm 1910
<b>WEST BOUNDARY (Second Guide Meridian West)</b>			
All	C.L. Ericzon	1875	
<b>NORTH BOUNDARY</b>			
All	C.L. Ericzon	1875	
<b>SUBDIVISION</b>			
All	C.L. Ericzon	1875	

## TOWNSHIP 33 SOUTH, RANGE 13 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. 1230, dated May 27, 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 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); P009 MARYSVALE\_UT2006 CORS ARP, NVPI PIOCHE CORS ARP, FRED FREDONIA CORS ARP.

The geographic position of the 1/4 section corner of sections 5 and 32, Tps. 33 and 34 S., R. 13 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°52'54.028" N.**,  
Longitude: **113°20'11.568" 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 7, 12, 13, and 18, T. 33 S., Rs. 12 and 13 W., as determined by direct static methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°56'24.968" N.**,  
Longitude: **113°15'13.566" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,  
Network Accuracy = 0.100 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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Dependent Resurvey of a Portion of the South Boundary,  
T. 33 S., R. 13 W., Salt Lake Meridian, Utah

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The Reestablishment of the Survey Executed by C.L. Ericzon in 1875

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Beginning at the corner of sections 4, 5, 32, and 33, Tps. 33 and 34 S., R. 13 W., monumented with a red granite stone, 12x8x4 inches, firmly set, marked 4 notches in east and 2 notches on west edges.

At the corner point

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

T33SR13W  
S32 | S33  
S5 | S4  
T34S  
2013

Deposit the marked stone alongside and buried a magnet at the base of the aluminum post.

Corner falls in a fence line extending east and west, on flat ground.

S. 89°38.6' W., between sections 5 and 32.

**40.160** The 1/4 section corner of sections 5 and 32, monumented with a red granite stone, 15x10x4 inches, firmly set, marked 1/4 on north face.

At the corner point

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

T33SR13W  
S32  
1/4 —  
S5  
T34SR13W  
2013

Deposit the marked stone alongside and buried a magnet at the base of the aluminum post.

Corner falls in a fence line extending east and west, on flat ground.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 33 S., R. 13 W., Salt Lake Meridian, Utah

From the corner of sections 13, 14, 23, and 24, monumented with a red granite stone, 12x12x10 inches, firmly set, marked 3 notches on south and 1 notch on east edges.

At the corner point

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

T33SR13W  
S14|S13  
S23|S24  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground.

N. 0°08.0' E., between sections 13 and 14.

- 40.077** 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 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked

T33SR13W  
1/4  
S14|S13  
2013

Set a steel fence post alongside and buried a magnet at the base of the aluminum post.

Corner falls approximately 3 ft. north of the level 3 fiber optic line.

- 80.154** The corner of sections 11, 12, 13, and 14, monumented with a granite stone, 10x6x6 inches, firmly set, marked 4 notches on south and 1 notch of east edges.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, with aluminum cap marked

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

T33SR13W  
 $\frac{S11 | S12}{S14 | S13}$   
 2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground in tall sagebrush and greasewood.

From the corner of sections 7, 12, 13, and 18, T. 33 S., Rs. 12 and 13 W., monumented with a granite stone, 12x12x4 inches, firmly set, marked 2 notches on the north and 4 notches on the south edges.

At the corner point

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

T33S  
 $\frac{R \ S12 | S7 \ R}{12 \ S13 | S18 \ 13}$   
 W 2013 W

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground.

S. 89°32.4' W., between sections 12 and 13.

**40.048** Point for the 1/4 section corner of sections 12 and 13, at proportionate distance; there is no remaining evidence of the original corner.

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

T33SR13W  
 S12  
 1/4 —  
 S13  
 2013

Set a steel fence post alongside and buried a magnet at the base of the aluminum post.

Corner falls in the Kerns River pipeline right of way, between two pipelines.

**80.096** The corner of sections 11, 12, 13, and 14.

From the corner of sections 22, 23, 26, and 27, monumented with a

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH  
CHAINS

granite stone, 12x10x6 inches, firmly set, marked 2 notches on south and east edges.

At the corner point

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

T33SR13W  
S22|S23  
S27|S26  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat open ground in grass.

**N. 0°08.3' E.**, between sections 22 and 23.

- 40.065** The 1/4 section corner of sections 22 and 23, monumented with a red granite stone, 12x6x4 inches, firmly set, marked 1/4 on west face.

At the corner point

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

T33SR13W  
1/4  
S22|S23  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground in sagebrush.

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**N. 0°06.6' E.**, beginning new measurement.

- 40.011** The corner of sections 14, 15, 22, and 23, monumented with an unrecorded galvanized pipe, 2 inches diameter, firmly set, in concrete, projecting 30 inches above the ground, located alongside is a granite stone, 12x10x6 inches, also set in concrete.

This is accepted a careful and faithful perpetuation of the original corner.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over the galvanized pipe, wired securely to a steel fence post alongside, in a mound of earth and sagebrush 4 ft. base, to top

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

of aluminum cap marked

T33SR13W  
S15 | S14  
S22 | S23  
2013

Corner falls on rolling ground, with sand dunes to the south.

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

S. 89°27.4' W., between sections 14 and 23.

- 40.181** 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 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked

T33SR13W  
S14  
1/4 ———  
S23  
2013

Set a steel fence post alongside and buried a magnet at the base of the aluminum post.

Corner falls 30 ft. south of a Level 3 fiber optic line, on flat ground.

- 80.362** The corner of sections 14, 15, 22, and 23.
- 

From the corner of sections 27, 28, 33, and 34, monumented with a granite stone, 16x8x6 inches, firmly set, marked 1 notch on south and 3 notches on east edges.

At the corner point

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

T33SR13W  
S28 | S27  
S33 | S34  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground in sagebrush and grass.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH  
CHAINS

**N. 0°09.8' E.**, between sections 27 and 28.

- 40.080** The 1/4 section corner of sections 27 and 28, monumented with a granite stone, 12x8x4 inches, firmly set, marked 1/4 on west face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 22 inches in the ground, with aluminum cap marked

T33SR13W  
1/4  
S28 | S27  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground.

**N. 0°06.8' E.**, beginning new measurement.

- 40.095** The corner of sections 21, 22, 27, and 28, monumented with a granite stone, 12x10x6 inches, firmly set, marked 2 notches on south and 3 notches on east edges.

At the corner point

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

T33SR13W  
S21 | S22  
S28 | S27  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground in sagebrush.

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

**S. 89°37.2' W.**, between sections 22 and 27.

- 40.118** The 1/4 section corner of sections 22 and 27, monumented with a granite stone, 12x8x6 inches, firmly set, marked 1/4 on north face.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, flush with the ground, with aluminum cap marked

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

T33SR13W  
S22  
1/4 -----  
S27  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground in grass.

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S. 89°37.5' W., beginning new measurement.

40.110 The corner of sections 21, 22, 27, and 28.

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From the corner of sections 4, 5, 32, and 33, on the south boundary of the township, hereinbefore described.

N. 0°15.4' E., between sections 32 and 33.

40.119 The 1/4 section corner of sections 32 and 33, monumented with a red granite stone, 12x6x4 inches, firmly set, marked 1/4 on west face.

At the corner point

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

T33SR13W  
1/4  
S32 | S33  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls 21 ft. south of the centerline of a dirt road leading to Avon.

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N. 0°14.5' E., beginning new measurement.

40.168 The corner of sections 28, 29, 32, and 33, monumented with a granite stone, 12x8x4 inches, firmly set, marked 1 notch on south and 4 notches on east edges.

At the corner point

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

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
TOWNSHIP 33 SOUTH, RANGE 13 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

T33SR13W  
S29 | S28  
S32 | S33  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground, in low sagebrush.

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From the corner of sections 27, 28, 33, and 34.

S. 89°38.3' W., between sections 28 and 33.

- 40.074** The 1/4 section corner of sections 28 and 33, monumented with a granite stone, 8x6x4 inches, firmly set, marked 1/4 on north face.

At the corner point

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

T33SR13W  
S28  
1/4 ———  
S33  
2013

Deposit the marked stone, steel fence post alongside, and buried a magnet at the base of the aluminum post.

Corner falls on flat ground, in low sagebrush

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S. 89°38.6' W., beginning new measurement

- 40.119** The corner of sections 28, 29, 32, and 33.
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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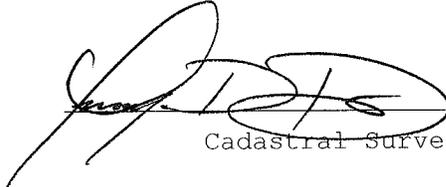
<b>Name</b>	<b>Capacity</b>
Jacob Murdoch	Survey Technician
Brandon Johnson	Reality Specialist

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## CERTIFICATE OF SURVEY

I, *Jeremy D. Davis, Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *May, 27, 2013*, I have *dependently resurveyed a portion of the south boundary, and a portion of the subdivisional lines, in Township 33 South, Range 13 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.

November 17, 2014  
Date

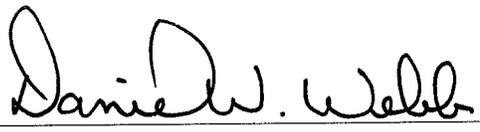
  
Cadastral Surveyor

## 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, and a portion of the subdivisional lines, in Township 33 South, Range 13 West, Salt Lake Meridian, Utah*, executed by *Jeremy D. Davis, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

November 26, 2014  
Date

  
Chief Cadastral Surveyor for Utah