

UNITED STATES

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES,

IN

TOWNSHIP 33 SOUTH, RANGE 10 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jeremy D. Davis
Cadastral Surveyor

Under Special Instructions dated and approved **August 26, 2013**, which provided for the surveys included under Group Number **1238**, and Assignment Instructions dated **August, 26, 2013**.

Survey Commenced, **August 27, 2013**
Survey Completed, **August 28, 2013**

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INDEX DIAGRAM

TOWNSHIP 33 SOUTH, RANGE 10 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 33 SOUTH, RANGE 10 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, in T. 33 S., R. 10 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

		Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY					
Portion	J. Gorlinski	1870			
All	T.C. Bailey	1881	T.C. Bailey		1881
Portion			J.R. & Q. Stewart		1911
EAST BOUNDARY					
All	J. Gorlinski	1870			
All			T.C. Bailey		1881
All			J.R. & Q. Stewart		1911
WEST BOUNDARY					
All	J. Gorlinski	1870			
All			T.C. Bailey		1881
Portion			J.R. & Q. Stewart		1911
NORTH BOUNDARY					
All	T.C. Bailey	1881			
All			J.R. & Q. Stewart		1911
SUBDIVISION					
Portion	J. Gorlinski	1870-71			
Portion	J.R. & Q. Stewart	1911	J.R. & Q. Stewart		1911

TOWNSHIP 33 SOUTH, RANGE 10 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. 1238, dated August 26, 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 Measurement Management (CMM) 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); DM7135 NVPI PIOCHE CORS ARP, DL6904 NVSV SPRING VALLEY CORS ARP, DN7504 SGU1 ST GEORGE PUTIL CORS ARP.

The geographic position of the corner of sections 2, 3, 10, and 11, T. 33 S., R. 10 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°57'21.402" N.**,
Longitude: **112°57'30.670" 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 12 and 13 only, T. 33 S., R. 10 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°56'31.572" N.**,
Longitude: **112°56'24.115" 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 33 SOUTH, RANGE 10 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 33 S., R. 10 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
J.R. and Q. Stewart in 1911

Beginning at the closing corner of sections 11 and 14, monumented with an iron post, 2 inches diameter, firmly set, projecting 16 inches above a mound of stone, 2 ft. base, with brass cap marked as described in the official record of the 1911 survey.

from which the original bearing trees

A piñon, 8 ins. diam., bears S. 49° W., 45 links distance, with a healed blaze.

A juniper (Record: piñon), 16 ins, diam., bears N. 19° W., 69 links, scribed T33S R10W S11 BT.

Corner falls on a gradual northeast slope in piñon and juniper growth.

N. 0°03.8' W., between sections 11 and 13.

- 3.717** The corner of sections 12 and 13 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

Added 2013 and removed S11 and S14 from the brass cap.

from which the remaining original bearing trees

A bifurcated juniper (Record: cedar), 12 ins. diam., bears N. 26° E., 136 links distance, scribed T33S R10W S12 BT, on a partially healed blaze.

A bifurcated juniper (Record: cedar), 10 ins diam., bears S. 64° E., 287 links distance, scribed T33S R10W S13 BT, on a partially healed blaze.

A bifurcated juniper (Record: cedar), 12 ins diam., bears S. 11° W., 244 links distance, with blaze destroyed.

Corner falls on flat ground in sagebrush.

N. 0°01.0' W., between sections 11 and 12.

- 36.331** Point for the 1/4 section corner of section 11 only, at mid-point between the closing corners to the north and south.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
 TOWNSHIP 33 SOUTH, RANGE 10 WEST, SALT LAKE MERIDIAN, UTAH
 CHAINS

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

T33S R10W
 1/4
 S11 |
 2013

Corner falls on gentle rolling land in low sage brush.

- 40.070** Point for the 1/4 section corner of section 12 only, at proportionate distance. The iron post, 1 inch diameter, was found lying on the ground, and determined to be out of position.

Reset the iron post, 36 inches long, 1 inch diameter, 24 inches in the ground, with brass cap marked as described with the official record of the 1911 survey.

Added 2013 and removed S11 from the brass cap.

Corner falls on rolling ground in sagebrush.

- 76.380** The closing corner of sections 2 and 11, monumented with an iron post, 2 inches diameter, firmly set, projecting 12 inches above a mound stone, 3 ft. base, with brass cap marked as described in the official record of the 1911 survey.

from which the remaining original bearing tree

A bifurcated piñon, 24 ins. diam., bears S 40° W., 36 links distance, scribed T33S R10W S11 BT, on an open blaze. There are also two other blazes that have been destroyed found on this tree.

Corner falls on top of small knoll in piñon and juniper growth.

N. 0°01.3' E., between sections 2 and 12.

- 3.760** The corner of sections 1 and 12 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above a mound of stone, 2 ft. base, with brass cap marked as described in the official record of the 1911 survey.

Added 2013 and removed S2 and S11 from the brass cap.

from which the remaining original bearing trees

A bifurcated juniper, 14 ins. diam., bears N. 69° E., 110 links distance, with a mostly healed blaze. (Record: cedar, N. 69°30'E., 11 links)

A juniper (Record: cedar), 20 ins. diam., bears S. 32° E., 33 links distance, scribed T33S R10W S12 BT, on an open blaze.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

A bifurcated piñon, 10 ins. diam., bears S 38° W., 33 links distance, with a destroyed blaze.

Corner falls on a gradual northwest slope in piñon and juniper growth.

From the 1/4 section corner of sections 1 and 12, monumented with an iron post, 1 inch diameter, firmly set, projecting 14 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

from which the original bearing trees

A piñon limb, 8 ins. diam., bears S. 36° W., 119 links distance, with a healed blaze.

A piñon, 12 ins. diam., bears N. 8° W., 100 links distance, with partial scribe marks visible through a mostly healed blaze.

Corner falls on gently rolling land in piñon and juniper growth.

S. 88°32.3' W., between sections 1 and 12.

39.953 The corner of sections 1 and 12 only.

From the corner of sections 10, 11, 14, and 15, monumented with an iron post, 2 inches diameter, firmly set, projecting 14 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

Corner falls on flat ground in burned area.

N. 89°59.1' E., between sections 11 and 14.

40.055 The 1/4 section corner of sections 11 and 14, monumented with an iron post, 1 inch diameter, firmly set, projecting 14 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

Corner falls on flat ground in sagebrush.

S. 89°59.7' E., beginning new measurement.

40.782 The closing corner of sections 11 and 14, at the intersection with the west boundary of section 13, hereinbefore described.

From the corner of sections 10, 11, 14, and 15.

N. 0°01.3' W., between sections 10 and 11.

40.061 The 1/4 section corner of sections 10 and 11, monumented with an iron post, 1 inch diameter, firmly set, projecting 13 inches above

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
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CHAINS

the ground, with brass cap marked as described in the official record of the 1911 survey.

Raise a small mound of stone around the iron post.

Corner falls on flat ground in burned area.

N. 0°03.5' E., beginning new measurement.

- 40.057** The corner of sections 2, 3, 10, and 11, monumented with an iron post, 2 inches diameter, firmly set, projecting 4 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

Corner falls on flat ground in thick sagebrush.

S. 89°59.2' E., between sections 2 and 11.

- 40.036** The 1/4 section corner of sections 2 and 11, monumented with an iron post, 1 inch diameter, firmly set, projecting 20 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

from which the original bearing trees

A juniper (Record: cedar), 12 ins. diam., bears N. 40° E., 21 links, scribed 1/4 S2 BT, on an open blaze.

A juniper (Record: cedar), 10 ins. diam., bears S. 10° E., 34 links distance, with partial scribed marks visible through a mostly healed blaze.

Raise a small mound of stone around the iron post.

Corner falls on south edge of a small wash, drains westerly.

S. 89°59.5' E., beginning new measurement.

- 40.731** The closing corner of sections 2 and 11, at intersection with the west boundary of section 12, hereinbefore described.
-

From the corner of sections 10, 11, 14, and 15.

S. 89°58.1' W., between sections 10 and 15.

- 40.044** The 1/4 section corner of sections 10 and 15, monumented with an iron post, 1 inch diameter, firmly set, projecting 14 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

Corner falls on flat ground in burned area.

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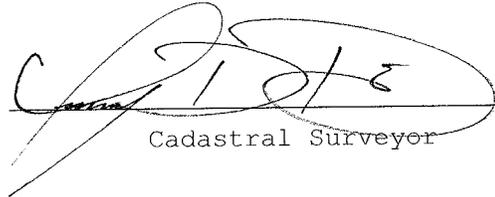
FIELD ASSISTANTS

Name	Capacity
Tyler Gower	Fuels Crew

CERTIFICATE OF SURVEY

I, *Jeremy D. Davis, Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *August 26, 2013*, I have *dependently resurveyed a portion of the subdivisional lines, in Township 33 South, Range 10 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.

February 23, 2015
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, in Township 33 South, Range 10 West, Salt Lake Meridian, Utah*, executed by *Jeremy D. Davis, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

February 26, 2015
Date


Chief Cadastral Surveyor for Utah