

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SOUTH AND WEST BOUNDARIES,

A PORTION OF THE SUBDIVISIONAL LINES,

THE SUBDIVISION OF SECTIONS 19, 29, AND 33,

AND

A METES-AND-BOUNDS SURVEY IN SECTION 33,

IN

TOWNSHIP 39 SOUTH, RANGE 11 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Batty
Cadastral Surveyor

Under Special Instructions dated **June 18, 2012**, approved **June 18, 2012**,
which provided for the surveys included under Group Number **1194**, and
Assignment Instructions dated **June 18, 2012**.

Survey Commenced, **June 27, 2012**
Survey Completed, **November 1, 2012**

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TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the south and west boundaries, a portion of the subdivisional lines, the subdivision of sections 19, 29, and 33, and a metes-and-bounds survey in section 33, in T. 39 S., R. 11 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

		Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY					
Portion	A.D. Ferron		1877		
Portion				A.P. Hanson	1899
Portion	A. Nelson & W.A. Stumm		1911	A. Nelson & W.A. Stumm	1911
Portion				G.V. Olson	1970
Portion				R.A. Zaninovich	1988
Portion				L.V. Judd	1992-94
EAST BOUNDARY					
All	A.D. Ferron		1877		
All				A.P. Hanson	1899
Portion				S.B. Hjellum	1973
Portion				L.V. Judd	1992-94
Portion				L.V. Judd	1994
WEST BOUNDARY					
Portion	A. Nelson & W.A. Stumm		1911		
Portion	A. Nelson		1932	A. Nelson	1932
Portion				R.A. Zaninovich	1988
NORTH BOUNDARY					
Portion	A.D. Ferron		1877		
Portion	A.P. Hanson		1899		
Portion				A. Nelson	1931
Portion				A. Nelson	1932
SUBDIVISION					
Portion	A.D. Ferron		1877		
Portion	A.P. Hanson		1899		
Portion	A. Nelson & W.A. Stumm		1911	A. Nelson & W.A. Stumm	1911
Portion	A. Nelson		1932	A. Nelson	1932
Portion				G.V. Olson	1970
Portion				R.A. Zaninovich	1988
PRIVATE					
Portion	NPS		1985		

A survey was performed by the National Park Service in 1985 during the time that several properties in this area were to be acquired. The field work appears to have been performed by a maintenance employee with Zion's National Park, and the draft work and calculations performed by J. Sharum, another park service employee at the time. This survey was never recorded

TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

with the Washington County Recorder's office. Copies are maintained by the National Parks Service.

Portion James T. Ballard 1980s

This survey was never recorded with the Washington County Recorder's Office. Copies are maintained by the National Parks Service.

TOWNSHIP 39 SOUTH, RANGE 11 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. 1194, dated June 18, 2012.

The direction of each line is with references 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 5800 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 of the 1/4 section corner of sections 29 and 32; post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS); PIOCHE CORS, FREDONIA CORS, and ECHO_BRGN_NV1999 CORS.

The geographic position of the 1/4 section corner of sections 29 and 32, is as follows:

Latitude: **37°21'32.027" N.**,
Longitude: **113°07'04.014" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.100 meter at 95% confidence.

The geographic position of the corner of sections 19, 20, 29, and 30, as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°22'24.213" N.**,
Longitude: **113°07'36.697" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of the South Boundary,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.D. Ferron in 1877,
and the Resurvey Executed by A. Nelson and W.A. Stumm in 1911

Beginning at the corner of sections 3, 4, 33 and 34 on the south boundary of the township, monumented with a black volcanic rock (record: trachyte), 18x12x6, loosely set in a mound of stone, 4 ft. x 1 ft., with 3 notches on the east and 3 notches on the west.

At the corner point

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

T39S R11W	
S33	S34
S4	S3
T40S	
2012	

Rebuild mound of stone, 3 ft. base, 1.5 ft. high, 1 ft. north of the corner. Set a steel fence post 2 ft. north of the corner.

S. 88°59.6' W., between sections 4 and 33.

39.888 Point for the 1/4 section corner of sections 4 and 33, at proportionate distance determined by irregular boundary adjustment; there is no remaining evidence of the original corner.

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

T39S R11W	
S33	
1/4	—————
S4	
T40S	
2012	

Set a steel fence post on the southeast side of the corner.

The corner is located on a gentle south facing slope, surrounded by oak brush and sparse junipers and pinions.

S. 89°25.6' W., beginning new measurement.

38.948 The corner of sections 4, 5, 32, and 33, monumented with an iron

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

post, 3 inches diameter, firmly set, projecting 9 inches above the ground, with brass cap marked as described in the official record of the 1911 resurvey.

The corner is located on a southwest facing slope. A dirt road is approximately 2 chains east of the corner.

Dependent Resurvey of the West Boundary,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed
by A. Nelson and W.A. Stumm in 1911

From the corner of sections 19, 24, 25, and 30, on the west boundary of the township, monumented with an iron post, 3 inches diameter, firmly set, projecting 8 inches above a mound of stone, 5 ft. base, 2 1/2 ft. high, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

A yellow pine, 14 inches diameter, bears N. 48° E., 8 links distance, clearly marked, blaze partially healed over.

A yellow pine, 18 inches diameter, bears S. 44° E., 14 links distance, clearly marked T39S R11W S30 BT.

A yellow pine, 16 inches diameter, dead and down, bears S. 44°45' W., 87 links distance, marked T39S R12W S25 BT.

The corner is located on a west facing slope, 30 chains from the top of a small finger ridge.

N. 0°03.6' E., on the west boundary of the township, between sections 19 and 24.

19.981 Point for the S 1/16 section corner of sections 19 and 24. Corner falls on a steep inaccessible cliff where it is impracticable to establish permanent monumentation.

39.962 The 1/4 section corner of sections 19 and 24, monumented with an iron post, 1 inch diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing tree

A yellow pine, 28 inches diameter, bears N. 74°30' E., 137 links distance, marked 1/4 S19 BT, blaze partially overgrown.

The corner is located near the center of a wash draining northerly.

DEPENDENT RESURVEY OF THE WEST BOUNDARY
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. $0^{\circ}17.5'$ W., beginning new measurement.

- 20.068** Point for the N 1/16 section corner of sections 19 and 24. Not monumented.
- 40.136** True point for the corner of sections 13, 18, 19, and 24, at proportionate distance falls on a steep rock cliff, where it is impractical to establish permanent monumentation.
- 41.390** The witness corner to the corner of sections 13, 18, 19, and 24, monumented with an iron post, 3 inches diameter, firmly set, projecting 10 inches above a scattered mound of stone with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

A yellow pine, 17 inches diameter, bears N. $19^{\circ}10'$ E., 36 links distance, blaze healed over.

A yellow pine, 14 inches diameter, bears S. 33° E., 71 links distance, blaze healed over.

A yellow pine, 15 inches diameter, bears S. 45° W., 27 links distance, blaze healed over.

A yellow pine, 12 inches diameter, bears N. $49^{\circ}45'$ W., 36 links distance, blaze healed over.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

Reestablishment of the Surveys Executed by A.D. Ferron in 1877,
A. Nelson and W.A. Stumm in 1911 and 1932, and Resurveys
Executed by A. Nelson and W.A. Stumm in 1911, and R.A.
Zaninovich in 1988

From the corner of sections 3, 4, 33, and 34, on the south boundary of the township, hereinbefore described.

N. $0^{\circ}12.7'$ E., between sections 33 and 34.

- 39.923** The 1/4 section corner of sections 33 and 34, monumented with an iron post, 1 inch diameter, firmly set, projecting 4 inches above a mound of stone, 2 ft. base, 6 inches high, with brass cap marked as described in the official record of the 1911 resurvey.

From which the 1911 bearing trees

A yellow pine, 20 inches diameter, bears N. $11^{\circ}15'$ E., 89 links distance, blaze healed over.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A yellow pine, 30 inches diameter, bears N. 31°45' W., 129 links distance, clear blaze, scribing illegible.

The corner is located on the east end of a small clearing at the base of a sandstone slope to the immediate east.

N. 0°08.2' E., beginning new measurement.

19.900 Point for the N 1/16 section corner of sections 33 and 34, not monumented.

39.800 The corner of sections 27, 28, 33, and 34, monumented with an cross in solid sandstone with three groves to the east and one grove to the south.

From which

A drive rod, 18 inches long, 3/4 inch diameter, set 10 inches into a drill hole with cement bond on solid rock, for an offline witness corner, bears S. 28°32.7' W., 327.7 links distance, with a 3 inch aluminum cap marked

WC
T39S R11W
S28 | ↗ S27
S33 | S34
2012

The true point is extremely difficult to access.

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

N. 0°12.3' E., between sections 32 and 33.

40.112 The 1/4 section corner of sections 32 and 33, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground with brass cap marked as described in the official record of the 1911 resurvey.

Set a steel fence post alongside the corner.

The corner is located on a steep southwest facing slope.

N. 0°07.7' E., beginning new measurement.

20.020 Point for the N 1/16 section corner of sections 32 and 33, not monumented.

30.030 Point for the N-N 1/64 section corner of sections 32 and 33.

~~Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 8 inches in the ground to solid rock, in a~~

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

mound of stone, 4 ft. base, 22 inches high, with aluminum cap marked

N-N 1/64
S32 | S33
2012

The corner is located 50 ft. below a small cliff on a steep east-west bearing cliff.

- 40.040** The corner of sections 28, 29, 32, and 33, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1911 resurvey.

A mound of stone, 3 ft. base, 1 ft. high is 2 ft. west of the corner.

Set a steel fence post 1 ft. north of the corner.

The corner is located on the west edge of a small clearing.

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

S. 89°29.8' W., between sections 28 and 33.

- 19.706** Point for the E 1/16 section corner of sections 28 and 33, not monumented.

- 39.412** The 1/4 section corner of sections 28 and 33, monumented with an iron post, 1 inch diameter, firmly set, projecting 4 inches above a mound of stone, 3 ft. base, 1 1/2 ft. high, with brass cap marked as described in the official record of the 1911 resurvey.

From which the 1911 bearing trees

A yellow pine, 24 inches diameter, bears S. 11°15' W., 40 links distance, blaze clear with scribing illegible.

A yellow pine, 25 inches diameter, bears N. 59° W., 22 1/2 links distance, healed over blaze.

The corner is located on ledge rock. An 8 ft. tall rock outcropping is approximately 1 chains west of the corner.

S. 89°32.3' W., beginning new measurement.

- 9.853** Point for the E-W 1/64 section corner of sections 28 and 33, not monumented.

- 19.706** Point for the W 1/16 section corner of sections 28 and 33.
~~Set an aluminum post, 30 inches long, 2 1/2 inches diameter,~~
with magnet at base, 25 inches in the ground, with aluminum cap

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

marked

S28
W1/16 —————
S33
2012

Set a steel fence post alongside the corner.

The corner is located in brushy flat ground.

29.559 Point for the W-W 1/64 section corner of sections 28 and 33.

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

T39S R11W
S28
W-W 1/64 —————
S33
2012

Set a steel fence post alongside the corner.

The corner is located approximately 50 feet from a dirt road extending north and south.

From which, a 1/2 inch rebar with 1 inch aluminum cap marked NPS S28 S33 WW 1/64 1985 bears N. 53°30.8' W., 17.8 links distance. This rebar was not utilized in the course of this resurvey.

39.412 The corner of sections 28, 29, 32, and 33.

N. 0°00.2' W., between sections 28 and 29.

19.985 Point for the S 1/16 section corner of section 29 only, not monumented.

39.970 The 1/4 section corner of section 29 only, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

A yellow pine, 50 inches diameter, bears S. 3° E., 150 links distance, clear blaze, scribing dim, illegible, and half burnt.

A yellow pine, 32 inches diameter, bears S. 38° W., 148 links distance, clear blaze, scribing illegible.

Set a steel fence post 1 foot north of the corner.

Corner is located in thick under brush.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°01.6' W., beginning new measurement.

39.992 The corner of sections 20 and 29 only, monumented with an iron post, firmly set, buried 12 inches below the ground in loose sand, with brass cap marked as described in the official record of the 1911 survey.

An embedded mound of stone, 3 ft. base is to the west of the corner.

From which the 1911 bearing trees

A yellow pine, 19 inches diameter, bears S. 33°45' E., 72 links distance, with blaze healed over.

A jacks pine, 28 inches diameter, bears S. 37° W., 176 links distance, blaze partially healed over.

Set a steel fence post 1 ft. north of the corner.

From the corner of sections 28, 29, 32, and 33.

N. 89°53.6' W., between sections 29 and 32.

20.027 Point for the E 1/16 section corner of sections 29 and 32.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 29 inches in the ground, with aluminum cap marked

	S29
E 1/16	—————
	S32
	2012

Set a steel fence post alongside the corner.

40.054 The 1/4 section corner of sections 29 and 32, monumented with an iron post, 1 inch diameter, firmly set, projecting 1 inch above the ground, with brass cap marked as described in the official record of the 1911 survey.

The corner is located in a fence line extending east-west along the section line.

N. 89°55.4' W., beginning new measurement.

40.034 The corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 inches diameter, firmly set, projecting 16 inches above a scattered mound of stone with brass cap marked as described in the official record of the 1911 survey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From which the 1911 bearing trees

A yellow pine, 17 inches diameter, bears N. 3°32' E., 142 links distance, blaze partially healed over, scribing illegible.

A yellow pine, 24 inches diameter, bears N. 6° W., 120 links distance, scribing illegible.

Rebuild the mound of stone, 2 ft. base, 8 inches high.

The corner is located on a steep east facing slope. An 8 ft. tall vertical rock face is 4 links south of the corner.

N. 0°03.4' E., between sections 29 and 30.

- 40.056 The 1/4 section corner of sections 29 and 30, monumented with an iron post, 1 inch diameter, firmly set, projecting 7 inches above a scattered mound of stone, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

The northeast tree is burnt and gone.

A jack pine, 28 inches diameter, bears N. 69°15' W., 146 links distance, blaze healed over.

The corner is located on an open flat. An ancient two track road is 2.5 chains south of the corner. Sandstone knolls are approximately 3 chains north of the corner.

NORTH, beginning new measurement.

- 19.945 Point for the N 1/16 section corner of sections 29 and 30, not monumented.

- 39.890 The corner of sections 19, 20, 29, and 30, monumented with an iron post, 2 inches diameter, projecting 12 inches above a mound of stone, 3 ft. base, 1 ft. high, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing tree

A jacks pine, 20 inches diameter, bears S. 3° E., 75 links distance, blaze healed over. (Record: S. 1°08' E.)

From the corner of sections 20 and 29 only.

N. 89°53.8' W., between sections 20 and 29.

- 40.000 The 1/4 section corner of sections 20 and 29, determined at record bearing and distance from the original bearing trees

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A jacks pine, 14 inches diameter, bears S. 51°45' E., 48 links distance, marked 1/4 S29 BT.

A jacks pine, 28 inches diameter, bears N. 13° W., 42 links distance, with illegible scribing.

The 1911 iron post with brass cap was found lying loose on the ground.

At the corner point

Reset the iron post, 36 inches long, 1 inch diameter, 31 inches in the ground, with brass cap marked as described in the official record of the 1911 survey.

The corner is located 50 links west of a drainage.

N. 89°56.5' W., beginning new measurement.

20.005 Point for the W 1/16 section corner of sections 20 and 29 on a steep slope, where it is impractical to establish a permanent monument.

40.010 The corner of sections 19, 20, 29, and 30.

S. 89°51.4' W., between sections 19 and 30,

20.045 Point for the E 1/16 section corner of sections 19 and 30, not monumented.

40.090 The 1/4 section corner of sections 19 and 30, monumented with an iron post, 1 inch diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

An oak, 4 inches diameter, dead and charred, bears S. 33°15' E., 5 links distance.

An oak, 5 inches diameter, dead, bears N. 26°15' W., 7 links distance, blaze healed over.

The corner is located on a gentle east facing slope surrounded by pine, oak brush, and sage brush.

S. 89°55.8' W., beginning new measurement.

20.043 The W 1/16 section corner of sections 19 and 30, monumented with a stainless steel post, 2 1/2 inches diameter, firmly set, projecting 1 inch above a mound of stone, 5 ft. base, 1 ft. high, with brass cap marked as described in the official record

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

of the 1988 resurvey.

The corner is located on a west facing slope, the top of the ridge is 30 links to the east of the corner.

S. 89°58.4' W., beginning new measurement.

- 7.383 The corner of sections 19, 24, 25, and 30, on the west boundary of the township, hereinbefore described.

From the corner of sections 19, 20, 29, 30.

N. 0°00.7' W., between sections 19 and 20.

- 19.994 Point for the S 1/16 section corner of sections 19 and 20.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 23 inches in the ground, with aluminum cap marked

S 1/16
S19 | S20
2012

Set a steel fence post with a boundary sign on the south side of the corner.

- 39.988 The 1/4 section corner of sections 19 and 20, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

A juniper, 8 inches diameter, bears S. 79°45' E., 15.5 links distance, blaze healed over.

A juniper, 15 inches diameter, bears S. 77°30' W., 41 links distance, a clear blaze, scribing identifiable but illegible.

The corner is located on a narrow sandy ledge at the base of a 20 ft. tall vertical sandstone ledge. A large boulder, 15'x20'x7' is to the south of the corner. A balanced rock is 80 ft. southwest of the corner.

N. 0°05.6' E., beginning new measurement.

- 19.998 Point for the N 1/16 section corner of sections 19 and 20. The corner falls on a steep inaccessible sandstone cliff where it is impracticable to establish permanent monumentation.

- 35.666 The witness corner to the corner of sections 17, 18, 19, and 20, monumented with an iron post, 2 inches diameter, projecting 13

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

inches above a mound of stone, 3 ft. base, 2 ft. high, with brass cap marked as described in the official record of the 1911 survey.

From which the 1911 bearing trees

A yellow pine, 17 inches diameter, bears N. 52°30' E., 34 links distance, with illegible scribing.

A yellow pine, in the NW quadrant is dead and down.

The witness corner is located on a small point, 30 ft. north and 30 ft. below a small knoll.

- 39.996** True point for the corner of sections 17, 18, 19, and 20, at record distance from the witness corner, falls on steep slope, where it is impracticable to establish permanent monumentation.

N. 89°56.5' W., between sections 18 and 19.

- 19.961** True point for the E 1/16 section corner of sections 18 and 19. The corner falls on a steep inaccessible sandstone cliff where it is impracticable to establish permanent monumentation.

- 22.079** Point selected for the witness corner to the E 1/16 section corner of sections 18 and 19.

Set an aluminum drive rod, 36 inches long, 3/4 inch diameter, 32 inches in the ground, with aluminum cap marked

S18
E 1/16 → WC
S19
2012

Set a steel fence post with park boundary sign 1 ft. west of the corner.

- 39.922** True point for the 1/4 section corner of sections 18 and 19, at proportionate distance, falls on inaccessible sandstone cliff, where it is impracticable to establish permanent monumentation.

- 41.010** The witness corner to the 1/4 section corner of sections 18 and 19, monumented with an iron post, 1 inch diameter, firmly set, projecting 8 inches above a mound of stone, 2 ft. base, 10 inches high, with brass cap marked as described in the official record of the 1911 survey.

Both 1911 bearing trees are down and dead.

S. 89°52.7' W., beginning new measurement.

- 19.151** Point for the W 1/16 section corner of sections 18 and 19.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

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

S18
W 1/16 —————
S19
2012

The corner is located on an east slope, near the base of a rock
cliff where rock meets sand.

- 26.710** The true point for the corner of sections 13, 18, 19, and 24, on
the west boundary of the township, hereinbefore described.

The Subdivision of Section 19,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 19 and 30.

N. 0°09.2' E., on the N-S centerline of section 19.

- 19.999** Point for the center S 1/16 section corner of section 19.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter,
with magnet at base, 15 inches in the ground to refusal, in a
mound of earth, with aluminum cap marked

C
S1/16 | S19
C
2012

The corner falls on a steep northeast slope in thick oak brush.

- 39.998** Point for the center 1/4 section corner of section 19, at the
intersection with the E-W centerline. Point falls on a steep
rock ledge where it is impracticable to establish permanent
monumentation.

- 60.062** Point for the center N 1/16 section corner of section 19. The
corner falls on an inaccessible sandstone cliff where it is
impracticable to establish permanent monumentation.

- 80.126** True point for the 1/4 section corner of sections 18 and 19.

From the 1/4 section corner of sections 19 and 20.

S. 89°52.1' W., on the E-W centerline of section 19.

- 19.985** Point for the center E 1/16 section corner of section 19. The
corner falls on a steep inaccessible cliff where it is
impracticable to establish permanent monumentation.

THE SUBDIVISION OF SECTION 19,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 39.970** The true point for the center 1/4 section corner of section 19.
- 40.078** Point selected for the witness corner to the center 1/4 section corner of section 19.

Set an aluminum drive rod, 20 inches long, 3/4 inch diameter, 9 inches in the ground, in sandstone, cement bond, with aluminum cap marked

WC
T39SR11W
C1/4 → S19
2012

The witness corner is located on the top of a sandstone ridge bearing NW and SE.

- 60.020** Point for the center W 1/16 section corner of section 19.

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

W 1/16
C ——— C
S19
2012

The corner is located on a steep northwest slope.

- 67.458** The 1/4 section corner of sections 19 and 24, on the west boundary of the township, hereinbefore described.

From the point for the center E 1/16 section corner of section 19.

N. 0°07.4' E., on the N-S centerline of the NE 1/4 of section 19.

- 20.031** Point for the NE 1/16 section corner of section 19, at the intersection with the E-W centerline of the NE 1/4 of section 19.

Set an aluminum drive rod, 18 inches long, 3/4 inch diameter, 10 inches in the ground, in cement bond, with aluminum cap marked

NE 1/16 S19
2012

Raise a small mound of stone, 1 ft. base, 6 inches high around the corner.

The corner is located on a rock outcropping overlooking the valley to the east.

- 40.062** The true point for the E 1/16 section corner of sections 18 and 19.

THE SUBDIVISION OF SECTION 19,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

From the point for the N 1/16 section corner of sections 19 and 20.

S. 89°57.8' W., on the E-W centerline of the NE 1/4 of section 19.

19.973 The NE 1/16 section corner of section 19.

39.946 The point for the center N 1/16 section corner of section 19.

From the point for the E 1/16 section corner of sections 19 and 30.

N. 0°04.3' E., on the N-S centerline of the SE 1/4 of section 19.

19.996 Point for the SE 1/16 section corner of section 19, at the intersection with the E-W centerline of the SE 1/4 of section 19. Point falls on a steep inaccessible cliff where it is impracticable to set permanent monumentation.

39.992 The point for the center E 1/16 section corner of section 19.

From the S 1/16 section corner of sections 19 and 20.

S. 89°51.8' W., on the E-W centerline of the SE 1/4 of section 19.

20.015 The point for the SE 1/16 section corner of section 19.

40.030 The center S 1/16 section corner of section 19.

From the W 1/16 section corner of sections 19 and 30.

N. 0°08.4' E., on the N-S centerline of the SW 1/4 of section 19.

19.990 Point for the SW 1/16 section corner of section 19, at the intersection with the E-W centerline of the SW 1/4 of section 19.

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

SW 1/16 S19
2012

The corner falls on a slight west facing slope in pine and oak brush.

39.976 The center W 1/16 section corner of section 19.

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CHAINS

From the center S 1/16 section corner of section 19.

S. 89°54.4' W., on the E-W centerline of the SW 1/4 of section 19.

20.046 The SW 1/16 section corner of section 19.

27.457 The point for the S 1/16 section corner of sections 19 and 24, on the west boundary of the township, hereinbefore described.

From the center W 1/16 section corner of section 19.

N. 0°07.1' W., on the N-S centerline of the NW 1/4 of section 19.

20.068 Point for the NW 1/16 section corner of section 19, at the intersection with the E-W centerline of the NW 1/4 of section 19.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 23 inches in the ground, with aluminum cap marked

NW 1/16 S19
2012

The corner is located on a steep southeast facing slope of a small drainage draining to the northeast.

40.136 The W 1/16 section corner of section 19.

From the point for the center N 1/16 section corner of section 19.

S. 89°52.7' W., on the E-W centerline of the NW 1/4 of section 19.

20.144 The NW 1/16 section corner of section 19.

27.643 The point for the N 1/16 section corner of sections 19 and 24, on the west boundary of the township, hereinbefore described.

The Subdivision of Section 29,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 29 and 32.

N. 0°01.1' E., on the N-S centerline of section 29.

20.001 Point for the center S 1/16 section corner of section 29.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 22 inches in the ground, in a mound of

THE SUBDIVISION OF SECTION 29,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

stone, 3 ft. base, 8 inches high, with aluminum cap marked

C
S 1/16 | S29
C
2012

The corner is located on the west side of a wash draining southerly.

A large jacks pine is on the north side of the corner.

- 40.002** Point for the center 1/4 section corner of section 29, at the intersection with the E-W centerline of section 29.

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

T39S R11W
C1/4 S29
2012

Set a steel fence post alongside corner.

The corner is located approximately 38 links west of the Hop Valley Trail.

- 59.980** Point for the center N 1/16 section corner of section 29. The corner falls on a steep inaccessible sandstone cliff where it is impracticable to establish permanent monumentation.
- 79.958** The 1/4 section corner of sections 20 and 29.

From the 1/4 section corner of section 29 only.

N. 89°50.9' W., on the E-W centerline of section 29.

- 20.018** Point for the center E 1/16 section corner of sections 29, not monumented.
- 40.036** The center 1/4 section corner of section 29.
- 60.037** Point for the center W 1/16 section corner of section 29, not monumented.
- 80.038** The 1/4 section corner of section 29 and 30.

From the E 1/16 section corner of sections 29 and 32.

N. 0°00.4' E., on the N-S centerline of the SE 1/4 of section 29.

- 19.993** Point for the SE 1/16 section corner of section 29, at the

THE SUBDIVISION OF SECTION 29,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

intersection with the E-W centerline of the SE 1/4 of section 29.

Set an aluminum drive rod, 18 inches long, 3/4 inch diameter, 10 inches in the ground, in cement bond, with aluminum cap marked

SE 1/16 S29
2012

The corner is located on the south side of a stone outcropping, 5 ft. high and 8 ft. long.

39.986 The point for the center E 1/16 section corner of section 29.

From the point for the S 1/16 section corner of section 29 only.

N. 89°52.2' W., on the E-W centerline of the SE 1/4 of section 29.

20.023 The SE 1/16 section corner of section 29.

40.046 The center S 1/16 section corner of section 29.

From the point for the center W 1/16 section corner of section 29.

N. 0°00.6' E., on the N-S centerline of the NW 1/4 of section 29.

19.962 Point for the NW 1/16 section corner of section 29, at the intersection with the E-W centerline of the NW 1/4 of section 29.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 18 inches in the ground to refusal, in a mound of stone, 2 ft. base, 1 ft. high, with aluminum cap marked

NW 1/16 S29
2012

The corner is located on a steep easterly slope.

39.924 The point for the W 1/16 section corner of sections 20 and 29.

From point for the center N 1/16 section corner of section 29.

N. 89°53.7' W., on the E-W centerline of the NW 1/4 of section 29.

20.003 The NW 1/16 section corner of section 29.

40.006 The point for the N 1/16 section corner of sections 29 and 30.

THE SUBDIVISION OF SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 33,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 4 and 33, on the south boundary of the township, hereinbefore described.

N. 0°30.3' E., on the N-S centerline of section 33.

- 40.172** Point for the center 1/4 section corner of section 33, at the intersection with the E-W centerline of section 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 22 inches in the ground, in a mound of stone, 2 ft. base, 1 ft. high, with aluminum cap marked

T39S R11W
C1/4 S33
2012

The corner is located on an easterly facing slope in dense oak brush.

- 60.126** Point for the center N 1/16 section corner of section 33, falls on a grey lava boulder, 4'x3'x4' tall. Chisel an "X" on point.

From which

An aluminum post, 30 inches long, 2 1/2 inches diameter, set 3 inches in the ground to bedrock, with magnet at base, in a mound of stone, 4 ft. base, 2.5 ft. high, for a reference monument, bears S. 85°37.6' W., 4.4 links dist., with aluminum cap marked, RM N 1/16 S33 C-C 2.94 FT TO COR 2012, and an arrow pointing to the corner.

The corner is located on a northerly facing slope on the south side of a draw in thick oak brush.

- 70.103** Point for the center N-N 1/64 section corner of section 33, not monumented.

- 80.080** The 1/4 section corner of sections 28 and 33.

From the 1/4 section corner of sections 33 and 34.

S. 89°20.7' W., on the E-W centerline of section 33.

- 19.837** Point for the center E 1/16 section corner of section 33, not monumented.

- 39.674** The center 1/4 section corner of section 33.

- 59.252** Point for the center W 1/16 section corner of section 33.

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CHAINS

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

W 1/16
C ——— C
S33
2012

Corner is located on a north facing slope in dense oak brush and mahogany.

78.830 The 1/4 section corner of sections 32 and 33.

From the point for the center E 1/16 section corner of section 33.

N. 0°11.1' E., on the N-S centerline of the NE 1/4 of section 33.

19.863 The NE 1/16 section corner of section 33, monumented with a 5/8 inch rebar, 1 ft. below ground, with a 1 inch cap marked

NPS
S33
NE 1/16
1985

This monument is accepted due to previous use and agreement of adjacent landowners.

N. 0°27.3' E., beginning new measurement.

19.990 The point for the E 1/16 section corner of sections 28 and 33.

From the point for the N 1/16 section corner of sections 33 and 34.

S. 89°14.4' W., on the E-W centerline of the NE 1/4 of section 33.

19.820 The NE 1/16 section corner of section 33.

S. 89°24.2' W., beginning new measurement.

1.145 Angle point 7 of the metes-and-bounds survey in section 33, hereinafter described.

S. 89°20.8' W., beginning new measurement.

3.437 Angle point 6 of the metes-and-bounds survey in section 33, hereinafter described.

THE SUBDIVISION OF SECTION 33,
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CHAINS

S. 89°40.7' W., beginning new measurement.

15.142 The center N 1/16 section corner of section 33.

From the center W 1/16 section corner of section 33.

N. 0°19.0' E., on the N-S centerline of the NW 1/4 of section 33.

19.986 Point for the NW 1/16 section corner of section 33, at the intersection with the E-W centerline of the NW 1/4 of section 33.

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

NW 1/16 S33
2012

Set a steel fence post alongside the corner.

The corner is located in thick oak brush on flat ground.

29.979 Point for the center N-NW 1/64 section corner of section 33.

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

C-N-NW 1/64
S33
2012

Set a steel fence post alongside the corner.

The corner is located on flat land surrounded by sparse sage brush.

39.972 The W 1/16 section corner of sections 28 and 33.

From the center N 1/16 section corner of section 33.

S. 89°26.5' W., on the E-W centerline of the NW 1/4 of section 33.

9.821 Point for the center E-NW 1/64 section corner of section 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 29 inches in the ground, with aluminum cap marked

THE SUBDIVISION OF SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

C-E-NW 1/64
S33
2012

Set a steel fence post alongside the corner.

The corner is located in sparse oak brush.

- 19.642** The NW 1/16 section corner of section 33.
- 29.463** Point for the center W-NW 1/64 section corner of section 33, not monumented.
- 39.284** The point for the N 1/16 section corner of sections 32 and 33.

From the center E-NW 1/64 section corner of section 33.

N. 0°24.6' E., on the N-S centerline of the NE 1/4 of the NW 1/4 of section 33.

- 9.985** Point for the NE-NW 1/64 section corner of section 33, at the intersection with the E-W centerline of the NE 1/4 of the NW 1/4 of section 33.

Set an aluminum drive rod, 18 inches long, 3/4 inch diameter, 7 inches into a rock outcropping, with aluminum cap marked

NE-NW 1/64
S33
2012

Set a steel fence post alongside the corner.

The corner is located on a northeasterly facing slope surrounded by sparse undergrowth.

- 19.970** The point for the E-W 1/64 section corner of sections 28 and 33.

From the point for the center N-N 1/64 section corner of section 33.

S. 89°29.4' W., on the E-W centerline of the NE 1/4 of the NW 1/4 of section 33.

- 9.837** The NE-NW 1/64 section corner of section 33.
- 19.674** The center N-NW 1/64 section corner of section 33.

From the point for the center W-NW 1/64 section corner of section 33.

N. 0°13.4' E., on the N-S centerline of the NW 1/4 of the NW 1/4

THE SUBDIVISION OF SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

of section 33.

- 10.001** Point for the NW-NW 1/64 section corner of section 33, at the intersection with the E-W centerline of the NW 1/4 of the NW 1/4 of section 33.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 28 inches in the ground, with aluminum cap marked

NW-NW 1/64
S33
2012

Set a steel fence post alongside the corner.

- 20.002** The W-W 1/64 section corner of sections 28 and 33.

From the center N-NW 1/64 section corner of section 33.

S. 89°29.4' W., on the E-W centerline of the NW 1/4 of the NW 1/4 of section 33.

- 9.837** The NW-NW 1/64 section corner of sections 33.

- 19.674** The N-N 1/64 section corner of sections 32 and 33.

A Metes-and-Bounds Survey in Section 33,
T. 39 S., R. 11 W., Salt Lake Meridian, Utah

NOTE: This survey is based on the General Warranty Deed, dated November 1, 1988, between Kenneth and Kathrin Cornelius and the United States of America, Department of the Interior, National Park Service, and the survey performed by J. Ballard.

From the 1/4 section corner of sections 28 and 33, N. 89°29.8' E., along the section line, 11.218 chains distance, thence S. 0°00.0' E., 5.038 chains distance, to the Angle Point No. 1, monumented with a rebar, 18 inches long, 1/2 inch diameter, with a steel fence post alongside.

At the corner point

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

T39SR11W
AP1 } S33

Deposit rebar alongside the corner. Set a steel fence post alongside the corner.

A METES-AND-BOUNDS SURVEY IN SECTION 33,
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CHAINS

N. 75°50.1' W., on line 1-2.

- 1.754** The Angle Point No. 2, monumented with a rebar, 18 inches long, 1/2 inch diameter, with a steel fence post alongside.

At the corner point

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

T39SR11W
S33
/ AP2
2012

Deposit rebar alongside the NW side of the corner. Set a steel fence post alongside the corner.

S. 24°13.0' W., on line 2-3.

- 2.429** The Angle Point No. 3, monumented with a rebar, 18 inches long, 1/2 inch diameter, with a steel fence post alongside.

At the corner point

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

AP3 / T39S
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on the northwest side of the corner.

S. 11°11.1' E., on line 3-4.

- 3.925** The Angle Point No. 4, monumented with a rebar, 18 inches long, 1/2 inch diameter, with a steel fence post alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 28 inches in the ground, with aluminum cap marked

A METES-AND-BOUNDS SURVEY IN SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

T39S
R11W
S33
AP4 
2012

Deposit rebar alongside the corner. Set a steel fence post on the west side of the corner.

S. 27°39.2' E., on line 4-5.

- 5.071** The Angle Point No. 5, monumented with a rebar, 18 inches long, 1/2 inch diameter, with a steel fence post alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 28 inches in the ground, with aluminum cap marked

T39S
AP5 
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on the west side of the corner.

S. 34°44.4' E., on line 5-6.

- 5.842** The Angle Point No. 6, monumented with a rebar, 18 inches long, 1/2 inch diameter, loosely set, with a steel fence post alongside.

At the corner point

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

T39S  AP6
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on the northeast side of the corner.

N. 89°20.8' E., on line 6-7.

- 3.437** The Angle Point No. 7, monumented with a rebar, 18 inches long, 1/2 inch diameter, firmly set, with a steel fence post alongside.

A METES-AND-BOUNDS SURVEY IN SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter,
with magnet at base, 28 inches in the ground, with aluminum cap
marked

AP7 | T39S
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on
the southeast side of the corner.

From which, the NE 1/16 section corner of section 33, bears N.
89°24.2' E., 1.145 chains distance, hereinbefore described.

N. 3°13.7' E., on line 7-8.

- 3.574** The Angle Point No. 8, monumented with a rebar, 18 inches long,
1/2 inch diameter, firmly set, projecting 1 inch above the
ground, with a steel fence post alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter,
with magnet at base, 28 inches in the ground, with aluminum cap
marked

AP8 | T39S
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on
the east side of the corner.

N. 43°41.2' W., on line 8-9.

- 1.829** The Angle Point No. 9, monumented with a rebar, 18 inches long,
1/2 inch diameter, set flush with the ground, firmly set, with a
steel fence post alongside.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter,
with magnet at base, 28 inches in the ground, with aluminum cap
marked

AP9 | T39S
R11W
S33
2012

Deposit rebar alongside the corner. Set a steel fence post on

A METES-AND-BOUNDS SURVEY IN SECTION 33,
TOWNSHIP 39 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

the west side of the corner.

N. 33°50.7' W., on line 9-10.

- 5.515** The Angle Point No. 10, monumented with a rebar, 18 inches long, 1/2 inch diameter, set flush with the ground, firmly set, with a steel fencepost alongside.

At the corner point

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

T39S
R11W
AP10 \ S33
2012

Deposit rebar alongside the corner. Set a steel fence post on the west side of the corner.

N. 43°53.1' W., on line 10-11.

- 4.584** The Angle Point No. 11, determined by grant boundary adjustment, there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, with magnet at base, 28 inches in the ground, with aluminum cap marked

T39S
AP11 | R11W
 \ S33
2012

Set a steel fence post on the west side of the corner.

N. 3°28.2' E., on line 11-1.

- 2.117** The Angle Point No. 1, and point of beginning.
-

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Ronald K. Baugh	Cadastral Field Chief
Jeremy D. Davis	Cadastral Surveyor
Christopher May	Survey Technician
Matthew N. Gillins	Survey Technician
Jacob Murdoch	Survey Technician
Luke Stoddard	Survey Aid
Ray O'Neil	District Ranger
Andrew Fitzgerald	District Ranger

CERTIFICATE OF SURVEY

I, **Ronald K. Batty, Cadastral Surveyor**, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the **June 18, 2012**, I have **dependently resurveyed a portion of the south and west boundaries, a portion of the subdivisional lines, the subdivision of sections 19, 29, and 33, and a metes-and-bounds survey in section 33, in Township 39 South, Range 11 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.

Dec 6 2013

Date

Ronald K. Batty

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 and west boundaries, a portion of the subdivisional lines, the subdivision of sections 19, 29, and 33, and a metes-and-bounds survey in section 33, in Township 39 South, Range 11 West, Salt Lake Meridian, Utah**, executed by **Ronald K. Batty, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

December 18, 2013

Date

Daniel W. Webb

Chief Cadastral Surveyor for Utah