

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 34,

IN

TOWNSHIP 36 SOUTH, RANGE 4 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Scott A. Burkhardt
Cadastral Surveyor

Under Special Instructions dated and approved **August 11, 2014**, which provided for the surveys included under Group No. **1249**, and Assignment Instructions dated **August 11, 2014**.

Survey Commenced, **August 12, 2014**
Survey Completed, **August 27, 2014**

INDEX DIAGRAM

TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

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TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes describe the dependent resurvey of a portion of the south boundary, a portion of the subdivisional lines, and the subdivision of section 34, in T. 36 S., R. 4 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

	Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY				
Portion	T.C. Bailey & J.G. Burrill	1876		
Portion	E. Bird	1925	E. Bird	1925
Portion			E. Bird	1944
EAST BOUNDARY (Emery Valley Guide Meridian)				
All	T.C. Bailey	1876		
All			E. Bird	1948
WEST BOUNDARY				
All	E. Bird	1925		
NORTH BOUNDARY (Seventh Standard Parallel South)				
All	T.C. Bailey	1874		
All			J.G. Burrill	1876
Portion			E. Bird	1925
Portion			E. Bird	1948
SUBDIVISION				
Portion	T.C. Bailey & J.G. Burrill	1876		
Portion	E. Bird	1925	E. Bird	1925
Portion			E. Bird	1948

TOWNSHIP 36 SOUTH, RANGE 4 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. 1249, dated August 11, 2014.

The direction of the lines was determined by references to true meridian, established 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 National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS): AI8817 ECHO ECHO_BRGN_NV1999 CORS ARP, DK8419 AZPG CITY OF PAGE CORS ARP, and DI2242 P009 MARYSVALE_UT2006 CORS ARP.

The geographic position of the corner of sections 26, 27, 34, and 35, T. 36 S., R. 4 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°38'14.215" N.**,
Longitude: **112°12'07.789" 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 33 and 34 only, T. 36 S., R. 4 W., as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: **37°37'22.017" N.**,
Longitude: **112°13'12.976" 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 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the South Boundary,
T. 36 S., R. 4 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
T.C. Bailey and J.G. Burrill in 1876,
and the Dependent Resurvey by E. Bird in 1944

Beginning at the corner of sections 34 and 35 only, on the south boundary of the township, monumented with an iron post, 2 inches diameter, firmly set, projecting 2 inches above the ground, with brass cap marked as described in the official record of the 1944 resurvey.

From which the remaining 1876 bearing tree

A yellow pine, 23 inches diameter, bears S. 62° E., 72 links distance, with marks obliterated in 1944 resurvey.

And from which the 1944 bearing tree

A yellow pine, 24 inches diameter, bears N. 74° W., 235 links distance, marked T36S R4W S34 BT.

Set a steel fence post alongside the corner.

S. 89°34.5' W., between sections 3 and 34.

20.245 Point for the E 1/16 section corner of section 34 only. Not monumented.

37.345 The 1/4 section corner of section 3 only, T. 37 S., R. 4 W., monumented with an iron post, 1 inch diameter, firmly set, projecting 5 inches above a collar of stone, 3 feet base, with brass cap marked as described in the official record of the 1944 survey.

There is no remaining evidence of the 1944 bearing tree.

Set a steel fence post alongside the corner.

S. 89°39.1' W., beginning new measurement.

3.145 The 1/4 section corner of section 34 only, monumented with an iron post, 1 inch diameter, firmly set, projecting 5 inches above a collar of stone, 2 feet base, with brass cap marked as described in the official record of the 1944 resurvey.

From which the 1944 bearing tree

A stump, 30 inches diameter, bears N. 65°45' W., 133 links distance, with no visible marks remaining (record: marked 1/4 S34 BT).

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside the corner.

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

19.943 Point for the W 1/16 section corner of section 34 only. Not monumented.

36.865 The closing corner of sections 3 and 4, T. 37 S., R. 4 W., monumented with an iron post, 2 inches diameter, firmly set, projecting 6 inches above a mound of stone, 3 feet base, 1/2 foot high, with brass cap marked as described in the official record of the 1944 survey.

From which the remaining 1944 bearing tree

A yellow pine, 22 inches diameter, bears S. 31° E., 146 links distance, marked T37S R4W S3 CC BT.

Set a steel fence post alongside the corner.

N. 89°58.1' W., beginning new measurement.

3.021 The corner of sections 33 and 34, monumented with an iron post, 2 inches diameter, firmly set, projecting 4 inches above a mound of stone, 5 feet base, 1 foot high, with brass cap marked as described in the official record of the 1944 survey.

From which the remaining 1944 bearing tree

A yellow pine, 24 inches diameter, bears N. 23° E., 8 links distance, with no discernible marks (record: N. 40° E., marked S34 T36S R4W BT).

Set a steel fence post alongside the corner.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 36 S., R. 4 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
T.C. Bailey and J.G. Burrill in 1876, and
the Dependent Resurvey by E. Bird in 1948.

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

N. 0°50.1' W., between sections 34 and 35.

20.046 Point for the S 1/16 section corner of sections 34 and 35. Not monumented.

40.092 The 1/4 section corner of sections 34 and 35, monumented with an

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH
CHAINS

iron post, 1 inch diameter, firmly set, projecting 7 inches above a collar of stone, 3 feet base, with brass cap marked as described in the official record of the 1948 resurvey.

From which the remaining 1948 bearing tree

A yellow pine, 16 inches diameter, bears S. 36°30' E., 13 links distance, with healed-over blaze (record: marked 1/4 S35 BT).

Set a steel fence post alongside the corner.

N. 0°25.7' W., beginning new measurement.

19.821 Point for the N 1/16 section corner of sections 34 and 35. Not monumented.

39.642 The corner of sections 26, 27, 34, and 35, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above a mound of stone, 3 feet base, 1/2 foot high, with brass cap marked as described in the official record of the 1948 resurvey.

From which the remaining 1948 bearing trees

A burnt yellow pine, 18 inches diameter, bears N. 25°45' E., 122 links distance, with healed-over blaze (record: marked T36S R4W S26 BT).

A burnt yellow pine, 17 inches diameter, bears S. 37°45' E., 56 links distance, with healed-over blaze (record: marked T36S R4W S35 BT).

A burnt yellow pine, 28 inches diameter, bears N. 2°30' W., 67 links distance, with partially-healed blaze (record: marked T36S R4W S27 BT).

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

N. 0°01.2' W., between sections 33 and 34.

20.015 Point for the S 1/16 section corner of sections 33 and 34. Not monumented.

40.030 The 1/4 section corner of sections 33 and 34, monumented with an iron post, 1 inch diameter, firmly set, projecting 9 inches above the ground, with brass cap marked as described in the official record of the 1948 resurvey.

There is no remaining evidence of the 1948 bearing trees.

N. 0°22.1' W., beginning new measurement.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

19.911 Point for the N 1/16 section corner of sections 33 and 34. Not monumented.

39.822 The corner of sections 27, 28, 33, and 34, monumented with an iron post, 2 inches diameter, firmly set, projecting 5 inches above a mound of stone, 2 feet base, 1/2 foot high, with brass cap marked as described in the official record of the 1948 resurvey.

From which the remaining 1948 bearing trees

A yellow pine, 14 inches diameter, bears N. 18°45' E., 161 links distance, with healed-over blaze (record: marked T36S R4W S27 BT).

A yellow pine, 16 inches diameter, bears S. 27°15' E., 138 links distance, with healed-over blaze (record: marked T36S R4W S34 BT).

From the corner of sections 26, 27, 34, and 35.

S. 89°53.1' W., between sections 27 and 34.

19.935 Point for the E 1/16 section corner of sections 27 and 34. Not monumented.

39.870 The 1/4 section corner of sections 27 and 34, monumented with an iron post, 1 inch diameter, firmly set, projecting 13 inches above the ground, with brass cap marked as described in the official record of the 1948 resurvey.

From which the remaining 1948 bearing tree

A dead yellow pine, 32 inches diameter, bears S. 72° W., 114 links distance (record: 137 links distance), marked 1/4 S34 BT.

Corner is located in a 4-strand barbed-wire fence, extending East and S. 80° W.

S. 89°52.0' W., beginning new measurement.

19.939 Point for the W 1/16 section corner of sections 27 and 34. Not monumented.

39.878 The corner of sections 27, 28, 33, and 34.

The Subdivision of Section 34,
T. 36 S., R. 4 W., Salt Lake Meridian, Utah

From the 1/4 section corner of section 34 only, on the south boundary of the township, hereinbefore described.

THE SUBDIVISION OF SECTION 34,
TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°11.6' W., on the north-south centerline of section 34.

20.103 Point for the center S 1/16 section corner of section 34.

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

T36S R4W
C
S 1/16 | S34
C
2014

Set a steel fence post south of the corner.

From the corner, a fence line, extending east and west, bears north, 1.3 feet distance.

40.206 Point for the center 1/4 section corner of section 34, at intersection with the east-west centerline.

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

T36S R4W
C 1/4 S34
2014

Corner is located in a fairly level, open, grassy meadow.

60.075 Point for the center N 1/16 section corner of section 34.

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

T36S R4W
C
N 1/16 | S34
C
2014

Set a steel fence post south of the corner.

From the corner, a fence corner, with fence lines extending west and S. 63°E., bears N. 4°25.7'E., 18.7 feet distance.

79.944 The 1/4 section corner of sections 27 and 34.

From the 1/4 section corner of sections 34 and 35.

S. 89°44.7' W., on the east-west centerline of section 34.

THE SUBDIVISION OF SECTION 34,
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CHAINS

20.018 Point for the center E 1/16 section corner of section 34. Not monumented.

25.022 Point for the C-E-W-E 1/256 section corner of section 34.

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

T36S R4W
1/256 C-E-W-E
S34
2014

Set a steel fence post south of the corner.

From the corner, a fence corner, with fence lines extending west and south, bears N. 85°2.0' W., 7.7 feet distance.

30.026 Point for the C-W-E 1/64 section corner of section 34.

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

T36S R4W
1/64 C-W-E
S34
2014

Set a steel fence post south of the corner.

From the corner, a fence corner, with fence lines extending east and north, bears N. 84°36.7' W., 9.9 feet distance.

40.034 The center 1/4 section corner of section 34.

45.004 Point for the C-E-E-W 1/256 section corner of section 34.

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

T36S R4W
C-E-E-W
1/256
S34
2014

Set a steel fence post north of the corner.

From the corner, a fence corner, with fence lines extending south and north, bears S. 4°2.0' W., 204.1 feet distance.

Corner is located in a damp, grassy area.

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CHAINS

59.914 Point for the center W 1/16 section corner of section 34.

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

T36S R4W

W 1/16
C ————— C
S34

2014

Set a steel fence post north of the corner.

Corner is located in an open valley, on a slight north slope, with grasses and sagebrush.

79.794 The 1/4 section corner of sections 33 and 34.

From the point for the center E 1/16 section corner of section 34.

N. 0°18.7' W., on the north-south centerline of the NE 1/4 of section 34.

19.845 Point for the NE 1/16 section of section 34, at intersection with the east-west centerline of the NE 1/4. Not monumented.

39.690 The point for the E 1/16 section corner of sections 27 and 34.

From the point for the N 1/16 section corner of sections 34 and 35.

S. 89°48.9' W., on the east-west centerline of the NE 1/4 of section 34.

19.977 The point for the NE 1/16 section corner of section 34.

29.965 Point for the C-W-NE 1/64 section corner of section 34.

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

T36S R4W

1/64 C-W-NE

S34

2014

Set a steel fence post south of the corner.

From the corner, a fence corner, with fence lines extending south and N. 63°W., bears S. 1°52.5' W., 316.7 feet distance.

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39.953 The center N 1/16 section corner of section 34.

From the C-W-E 1/64 section corner of section 34.

N. 0°15.2' W., on the north-south centerline of the SW 1/4 of the NE 1/4 of section 34.

19.857 The C-W-NE 1/64 section corner of section 34.

From the point for the E 1/16 section corner of section 34 only, on the south boundary of the township, hereinbefore described.

N. 0°30.9' W., on the north-south centerline of the SE 1/4 of section 34.

20.077 Point for the SE 1/16 section corner of section 34, at intersection with the east-west centerline of the SE 1/4. Not monumented.

40.151 The point for the center E 1/16 section corner of section 34.

From the point for the S 1/16 section corner of sections 34 and 35.

S. 89°39.8' W., on the east-west centerline of the SE 1/4 of section 34.

20.131 The point for the SE 1/16 section corner of section 34.

25.164 Point for the C-E-W-SE 1/256 section corner of section 34.

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

T36S R4W

C-E-W-SE

1/256

S34

2014

Set a steel fence post south of the corner.

From the corner, a fence corner, with fence lines extending west and north, bears N.52°54.4'W., 4.4 feet distance.

40.263 The center S 1/16 section corner of section 34.

From the C-E-W-SE 1/256 section corner of section 34.

N. 0°26.1' W., on the north-south centerline of the E 1/2 of the NW 1/4 of the SE 1/4 of section 34.

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CHAINS

20.082 The C-E-W-E 1/256 section corner of section 34.

From the point for the W 1/16 section corner of section 34 only, on the south boundary of the township, hereinbefore described.

N. 0°06.5' W., on the north-south centerline of the SW 1/4 of section 34.

20.060 Point for the SW 1/16 section corner of section 34, at intersection with the east-west centerline SW 1/4. Not monumented.

40.119 The center W 1/16 section corner of section 34.

From the center S 1/16 section corner of section 34.

S. 89°52.3' W., on the east-west centerline of the SW 1/4 of section 34.

4.978 Point for the C-E-E-SW 1/256 section corner of section 34.

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

T36S R4W

C-E-E-SW

1/256

S34

2014

Set a steel fence post north of the corner.

From the corner, a fence corner, with fence lines extending east and north, bears N. 88°29.6' W., 10.1 feet distance.

19.912 The point for the SW 1/16 section corner of section 34.

39.823 The point for the S 1/16 section corner of sections 33 and 34.

From the C-E-E-SW 1/256 section corner of section 34.

N. 0°10.4' W., on the north-south centerline of the E 1/2 of the NE 1/4 of the SW 1/4 of section 34.

20.092 The C-E-E-W 1/256 section corner of section 34.

From the center W 1/16 section corner of section 34.

N. 0°16.9' W., on the north-south centerline of the NW 1/4 of section 34.

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TOWNSHIP 36 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

19.890 Point for the NW 1/16 section corner of section 34, at intersection with the east-west centerline of the NW 1/4.

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

T36S R4W

NW 1/16 S34

2014

Set a steel fence post north of the corner.

Corner is located on a gentle north slope, with scattered pinon trees.

39.780 The point for the W 1/16 section corner of sections 27 and 34.

From the center N 1/16 section corner of section 34.

S. 89°48.3' W., on the east-west centerline of the NW 1/4 of section 34.

19.909 The NW 1/16 section corner of section 34.

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

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Ron Baugh	Supervisory Cadastral Surveyor
Phil Freiberg	Survey Technician

CERTIFICATE OF SURVEY

I, **Scott A. Burkhardt, Cadastral Surveyor**, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the **11th day of August, 2014**, I have **dependently resurveyed a portion of the south boundary, a portion of the subdivisional lines, and subdivided section 34, in Township 36 South, Range 4 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.

August 14, 2015
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 34, in Township 36 South, Range 4 West, Salt Lake Meridian, Utah**, executed by **Scott A. Burkhardt, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

August 26, 2015
Date

Daniel W. Webb
Chief Cadastral Surveyor for Utah