

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

ORIGINAL

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE EAST BOUNDARY

A PORTION OF THE SUBDIVISIONAL LINES

AND THE ORIGINAL SURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES

AND THE

SURVEY OF THE SUBDIVISION OF SECTION 24

IN

TOWNSHIP 13 SOUTH, RANGE 4 WEST,

OF THE SALT LAKE MERIDIAN

IN THE STATE OF UTAH

EXECUTED BY

JOHN F. CARROLL
Cadastral Surveyor

Under special instructions dated **June 1, 2000**, approved **June 1, 2000**, which provided for the survey included under Group No. **913** and assignment instructions dated **June 1, 2000**

Survey commenced **June 12, 2000**
Survey completed **January 16, 2001**

INDEX DIAGRAM

Township 13 South, Range 4 West

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TOWNSHIP 13 SOUTH, RANGE 4 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the east boundary, a portion of the subdivisional lines and the original survey of a portion of the subdivisional lines and the survey of the subdivision of section 24, T. 13 S., R. 4 W., Salt Lake Meridian, Utah.

History of Surveys

Surveyed by			Retr. or Resurveyed by	
SOUTH BOUNDARY				
Portion	J. Gorlinski	1873		
Portion	J. W. Dougall	1911	J. W. Dougall	1911
All	Stewart and Clark	1913	Stewart and Clark	1913
Portion			B.S. Owens	1960
Portion			J.F. Carroll	1999- 2000
EAST BOUNDARY				
Portion	J. Gorlinski	1872		
Portion	S.M. Richardson	1884	S.M. Richardson	1884
Portion			B.S. Owens	1960
Portion			M.S. Workman	1996- 1997
WEST BOUNDARY				
All	J.W. Dougall	1911		
All			B.S. Owens	1960
NORTH BOUNDARY				
Portion	J. Gorlinski	1872		
All	J.W. Dougall	1911	J.W. Dougall	1911
Portion			M.R. Workman	1996- 1997
SUBDIVISION				
Portion	J. Gorlinski	1872		
Portion	J. Gorlinski	1873		
Portion	J.W. Dougall	1911	J.W. Dougall	1911
Portion	B.S. Owens	1960		
Portion			M.R. Workman	1996- 1997
Portion			J.F. Carroll	1999- 2000

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 913, dated June 1, 2000.

The direction of the lines were determined by geodetic inverse between corners. Global Positioning System (GPS) utilizing Real-

T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

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time kinematic (RTK) was used throughout the survey. Cadastral Measurement Management (CMM) was utilized during the course of the survey.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for any evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the corner of sections 34 and 35, T. 13 S., R. 4 W., as determined by a tie to the National Geodetic Survey Control Station "DYER", utilizing GPS, using RTK techniques, is as follows:

Latitude: 39°38'25.675" N. Longitude: 112°16'16.069" W.
N.A.D. 1983 (1994) Elevation: 6013 Ft.

The geographic position of National Geodetic Survey Control Station "DYER" is as follows:

Latitude: 39°40'21.25465" N. Longitude: 112°15'40.12773 W.
N.A.D. 1983 (1994) Elevation: 5112 Ft.

The mean magnetic declination as projected from the U.S. Geological Survey Declination Map of 1990, is 13 1/2° E.

Dependent Resurvey of a Portion of the East Boundary,
T. 13 S., R. 4 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
J. Gorlinski in 1872

Beginning at the 1/4 section corner of sections 25 and 30, T. 13 S., Rs. 3 and 4 W., monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 12 inches above ground, with brass cap marked and witnessed as described in the field notes of the 1960 survey record.

Drive a steel fence post on the east side of the iron post.

Corner is located on a gradual easterly slope in grass and juniper.

N. 0°18.2' W., between sections 25 and 30.

40.630

The corner of sections 19, 24, 25 and 30, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1996-97 resurvey record.

Corner is located on a gentle northerly slope in grass and sagebrush.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

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Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 13 S., R. 4 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
B.S. Owens in 1960

From the 1/4 section corner of sections 35 and 36, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 14 inches above ground, with brass cap marked and witnessed as described in the field notes of the 1960 survey record.

Set a steel fence post alongside the aluminum post.

Corner is located on a steep westerly slope in grass and juniper, 30 ft. east of a draw, drains N. 70° E.

N. 0°01.8' E., between sections 35 and 36.

39.921

The corner of sections 25, 26, 35 and 36, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 14 inches above ground, in a mound of stone, 3 ft. base, with brass cap marked as described in the field notes of the 1960 survey record.

Set a steel fence post alongside the mound of stone.

Corner is located on a northeasterly slope in grass, sagebrush and juniper, and 120 links east of a spur ridge, bears S. 40° E. and N. 40° W.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 13 S., R. 4 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
J. Gorkinski in 1872

From the corner of sections 19, 24, 25 and 30, T. 13 S., Rs. 3 and 4 W., hereinbefore described. On the east boundary of the township.

N. 89°31.4' W., between sections 24 and 25.

39.218

The 1/4 section corner of sections 24 and 25, monumented with a charred juniper post, 4 inches diameter, firmly set, projecting 14 inches above ground, with no marks visible, in a collar of stone, and is accepted as the best available evidence of the original corner (Record; limestone 17X10X5 inches)

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

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At the corner point

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

T 13 S R 4 W
1/4 S 24

2000

Bury charred post on north side of aluminum post.

Drive a steel fence post alongside the aluminum post.

This corner will now function as the 1/4 section corner of section 24 only.

Corner is located on a flat in grass.

S. 89°57.1' W., beginning new measurement.

0.659 Point for the N 1/4 section corner of section 25 only at midpoint between the NE corner and the NW closing corner, not monumented.

40.536 Point for the closing corner of sections 25 and 26, hereinafter described.

42.071 The corner of sections 23, 24, 25 and 26, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1996-97 resurvey record. This corner now functions as the corner of sections 23 and 24 only.

I delete all marks on the aluminum cap referring to sections 25 and 26.

Add the marks 2000 to the aluminum cap.

Corner is located on a flat in grass and scattered sagebrush.

From the corner of sections 23 and 24 only.

S. 89°33.2' W., on the south boundary of section 23.

38.466 Point for the north 1/4 section corner of section 26 only.

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:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T 13 S R 4 W

1/4 S 26
2000

Drive a steel fence post alongside the aluminum post.

Corner is located on a flat in grass.

40.156

The 1/4 section corner of sections 23 and 26, monumented with a limestone, 14X10X6 inches, loosely set, with no marks visible, in a collar of stone. (Record; no collar of stone)

At the corner point

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

T 13 S R 4 W
1/4 S 23

2000

Bury stone on north side of the aluminum post.

Drive a steel fence post alongside the aluminum post.

This corner will now function for the 1/4 section corner of section 23 only.

Corner is located on a flat in grass.

From this corner, N.G.S. Control Station "DYER", hereinbefore described, bears N. 7° 25.2' E., 15.312 chains distance.

S. 89°29.5' W., beginning new measurement.

40.214

The corner of sections 22, 23, 26 and 27, monumented with an iron post, 2 inches diameter, firmly set, projecting 6 inches above ground, with brass cap marked as described in the field notes of the 1911 resurvey record and witnessed as described in the field notes of the 1999-2000 resurvey record.

Corner is located in rolling hills.

Reestablishment of the Survey Executed by
J.F. Carroll in 1999-2000

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 26, 27, 34 and 35, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1999-2000 survey record.

S. 0°30.8' E., between sections 34 and 35.

20.415 Point for the north 1/16 section corner of section 34 only, not monumented.

40.002 Point for the 1/4 section corner of section 35 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground with magnet at base, and in a mound of stone, 3 ft. diameter, to top, with aluminum cap marked:

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      T 13 S R 4 W
          |
          | 1/4
          | S 35
          |
          | 2000
  
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Corner is located on a flat in grass.

40.830 The 1/4 section corner of section 34 only, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1999-2000 survey record.

Corner is located on a flat in grass.

S. 0°30.8' E., beginning new measurement.

40.696 The corner of sections 34 and 35 only, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 26 inches above ground, with brass cap marked and witnessed as described in the field notes of the 1960 resurvey record.

Corner is located on broken bedrock, on a steep westerly slope.

Original Survey of a Portion of the Subdivisional Lines,
T. 13 S., R. 4 W., Salt Lake Meridian, Utah

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

N. 89°40.9' W., between sections 26 and 35.

40.000 Point for the 1/4 section corner of sections 26 and 35.

ORIGINAL SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 16 inches in the ground to solid rock, with magnet at base, with aluminum cap marked:

T 13 S R 4 W
S 26
1/4 —————
S 35
2000

Drive a steel fence post alongside the aluminum post.

Corner is located on a southwesterly slope in grass and scattered juniper, and 40 links east of a draw, drains N. 30° E.

83.078 The corner of sections 26, 27, 34 and 35.

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

N. 0°01.0' W., between sections 25 and 26.

40.000 Point for the 1/4 section corner of sections 25 and 26.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 19 inches in the ground to solid rock, with magnet at base, and in a mound of stone, 2 ft. diameter, to top, with aluminum cap marked:

T 13 S R 4 W
1/4
|
S 26 | S 25
|
2000

Drive a steel fence post alongside the aluminum post.

Corner is located in grass and scattered juniper, and on a very steep south slope.

81.309 Point for the closing corner of sections 25 and 26, at intersection with the south boundary of section 24.

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:

ORIGINAL SURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

CHAINS

T 13 S R 4 W

S 24

S 26	S 25
C	C
2000	

Drive a steel fence post alongside the aluminum post.

Corner is located on a flat in grass.

Survey of the Subdivision of Section 24
T. 13 S., R. 4 W., Salt Lake Meridian, Utah

From the south 1/4 section corner of section 24 only.

N. 0°37.1' W., on the N-S center line of section 24.

40.115

Point for the center 1/4 section corner of section 24, at intersection with the E-W center line of section 24.

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:

T 13 S R 4 W
C 1/4 S 24
2000

Drive a steel fence post alongside the aluminum post.

Corner is located on a flat in grass.

80.403

The 1/4 section corner of sections 13 and 24, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked as described in the field notes of the 1996-97 resurvey record.

Corner is located on a flat in grass.

From the 1/4 section corner of sections 19 and 24, T. 13 S., Rs. 3 and 4 W., monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1996-97 resurvey record.

Corner is located on a flat in grass.

SURVEY OF THE SUBDIVISION OF SECTION 24
T. 13 S., R. 4 W., SALT LAKE MERIDIAN, UTAH

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S. 89°45.4' W., on the E-W center line of section 24.

39.759

The center 1/4 section corner of section 24.

80.943

The 1/4 section corner of sections 23 and 24, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with aluminum cap marked and witnessed as described in the field notes of the 1996-97 resurvey record.

Corner is located on a flat in grass and 110 lks. East of an abandoned paved road, bears N. 60° E. and S. 60° W.

FIELD ASSISTANTS

Name	Capacity
Tyler M. Carroll	Volunteer

CERTIFICATE OF SURVEY

I, **John F. Carroll, Cadastral Surveyor** hereby certify upon honor that, in pursuance of Special Instructions bearing date of **1st day of June, 2000**, I have **dependently resurveyed a portion of the east boundary, a portion of the subdivisional lines and the original survey of a portion of the subdivisional lines, and the survey of the subdivision of section 24, in Township 13 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 directions; and that said survey has been made in strict conformity with said Special Instruction, 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.

2/7/03

Date

John F. Carroll

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 east boundary, a portion of the subdivisional lines and the original survey of a portion of the subdivisional lines, and the survey of the subdivision of section 24, in Township 13 South, Range 4 West Salt Lake Meridian, Utah,**

executed by **John F. Carroll, Cadastral Surveyor**

having been critically examined and found correct, are hereby approved.

July 8, 2003

Date

Daniel W. Webb

Chief Cadastral Surveyor for Utah