

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTIONS 6, 7 AND 8,

IN

TOWNSHIP 10 SOUTH, RANGE 4 EAST, SALT LAKE MERIDIAN, UTAH

EXECUTED BY

Merrill D. Cazier
Cadastral Surveyor

Under special instructions dated **February 24, 1999**, approved **February 24, 1999**, which provided for the surveys included under Group Number **899**, and assignment instructions dated **August 30, 2002**

Survey commenced **September 4, 2002**
Survey completed **October 9, 2002**

INDEX DIAGRAM
Township 10 South, Range 4 East

	6	5	4	3	2	1
4						
	7	8	9	10	11	12
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	18	17	16	15	14	13
2						
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TOWNSHIP 10 SOUTH, RANGE 4 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and a portion of the subdivisional lines, and the subdivision of section 6, 7 and 8, in T. 10 S., R. 4 E., Salt Lake Meridian, Utah.

History of Earlier Surveys

Surveyed by	Retr. or Resurveyed by
SOUTH BOUNDARY	
All A.J. Stewart, Jr. 1877	
All	L.E. Bolinger 1916
EAST BOUNDARY	
All A.D. Ferron 1884	
All	R. Gentry 1932-33
WEST BOUNDARY	
All A.J. Stewart, Jr. 1877	
All	E.H. Hesse 1883-84
Portion	R. Gentry 1932-33
NORTH BOUNDARY	
All E.H. Hesse 1883-84	
Portion	H. and N. Fitzhugh 1895
Portion	J.R. Stewart 1914
Portion	R. Gentry 1932-33
SUBDIVISION	
Portion E.H. Hesse 1884	
Portion H. and N. Fitzhugh 1895	H. and N. Fitzhugh 1895
Portion R. Gentry 1932-33	R. Gentry 1932-33

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. 899, dated February 24, 1999.

The true meridian direction and length of all lines were determined by Real-time kinematic (RTK) Global Positioning System (GPS) observations using Trimble 5700 model receivers. Cadastral Measurement Management (CMM) was utilized during the course of the survey.

Preliminary to the resurvey, the lines of prior surveys were retraced and a diligent search was made for all corners and other calls of record. 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 notes are given herein.

TOWNSHIP 10 SOUTH, RANGE 4 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS) utilizing Continuously Operating Reference Stations (CORS) Midvale, Red Butte and Carbon County Cou. The geographic position of the 1/4 corner of sections 5 and 8, T. 10 S., R. 4 E., utilizing GPS, using RTK techniques, is as follows:

Latitude: 39°58'12.271" N., Longitude: 111°30'44.939" W.
N.A.D. 1983 (1994) Elevation 5313 Ft.

Dependent Resurvey of a Portion of the West Boundary,
T. 10 S., R. 4 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.J. Stewart in
1877 and the Resurvey by E.H. Hesse in 1883

From the East 1/4 section corner of section 13 only,
T. 10 S. R. 3 E., on the West boundary of the township,
monumented with an iron post, 1 inch diameter, firmly set,
projecting 6 inches above ground, with brass cap marked and
witnessed as described in the field notes of the 1932 resurvey
record.

N. 0°57.3' W., on the West township boundary.

23.628

Point for closing corner of 7 and 18, at proportionate
distance; there is no remaining evidence of the original
witness corner.

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

	T10S	
R3E	C	R4E
	C	S7
	C	S18
	2002	

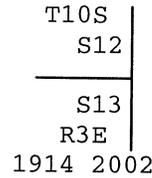
39.963

The corner of sections 12 and 13 only, T. 10 S., R. 3 E.,
monumented with the remains of a mound of stones with an iron
post, 36 inches long, 3 inch diameter laying along side.
Approximately 5 chains to the north is the south end of an
ancient fence running Northerly.

Reset iron post over a magnet, 12 inches in ground, to solid
rock, in a mound of stone, 3 ft. base, to top of brass cap
marked:

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

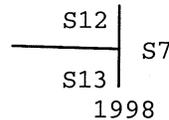
CHAINS



Note: This G.L.O. 1914 corner may have remonumented the 1883 corner, there is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

From which an:

Aluminum post 2 1/2 inches in diameter, bears S. 84°09.1' E. 33.43 links, firmly set in the ground, projecting 10 inches above ground, as recorded in the Utah County Recorders Office in Book 99 page 5, with an iron T-post along side of aluminum post, with aluminum cap marked:



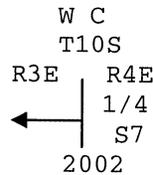
This corner is not used in the course of this survey.

N. 0°00.3' W., on the West township boundary.

23.705

True point for the 1/4 section corner of section 7 only.

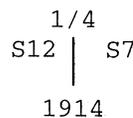
Set an off line witness corner; S. 62°50.6'E. 75.3 links distance, an aluminum post 30 inches long, 2 1/2 inches diameter, over a magnet 12 inches in the ground, to solid rock, and in mound of stone, 4 ft. base to top, with aluminum cap marked:



The true point falls on steep south slope, impractical to set monument.

39.890

The 1/4 section corner of section 12 only, T. 10 S., R. 3 E., monumented with an iron post, 3 inches diameter, firmly set, projecting 15 inches above ground, with a T-bar post east of iron post, with brass cap marked:



DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Removed S7 and added 2002 to this brass cap.

Note: this G.L.O. 1914 1/4 section corner may have remonumented the 1883 corner. There is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

N. 0°18.2' W., beginning new measurement on the West township boundary.

3.835 Point for the N 1/16 section corner of section 7 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 24 inches in the ground, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

	T10S	
R3E	R4E	
	N1/16	
	S7	
	2002	

23.855 True point for the closing corner of sections of 6 and 7, hereinafter described.

39.958 The corner of sections 1 and 12 only, T. 10 S., R. 3 E., monumented with an iron post, 3 inches diameter, firmly set, projecting 14 inches above ground, with brass cap marked:

	T10S	
	S1	
	S12	
	R3E	
	1914	

Added 2002 to the brass cap.

Note: this G.L.O. 1914 section corner may have remonumented the 1883 corner. There is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

Corner is at the intersection of a 3 strain barded wire fence, running N, S and E.

N. 1°58.9' W., on the West township boundary,

3.309 Point for the S 1/16 section corner of section 6 only.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground, with a magnet at base, in a mound of stone, 3 ft. base to top, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T10S
R3E | R4E
 | S1/16
 | S6
2002

22.731 Point for the west 1/4 section corner of section 6 only.

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

T10S
R3E | R4E
 | 1/4
 | S6
2002

39.841 The 1/4 section corner of section 1 only, T. 10 S., R. 3 E., monumented with an iron post, 1 inch diameter, firmly set, projecting 16 inches above ground, in a mound of stone, 3 ft. base to top, with a T-bar post S of mound, with brass cap marked:

1/4
S1 | S6
1914

Remove S6 and added 2002 to brass cap.

Note: this G.L.O. 1914 1/4 section corner may have remonumented the 1883 corner. There is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

N. 0°12.0' E., beginning new measurement on the West township boundary,

3.185 The closing corner of Township 10 South, Ranges 3 and 4 East, monumented with a 3 1/2 inch diameter post, projecting 12 inches above ground, with a partial mound of stone at base, with a T-iron south of 3 1/2 inch brass cap, marked:

T9S
R3E | R4E
S36 | S31

S1 | S6
R3E R4E
T10S
1914

Note: this G.L.O. 1914 corner may have remonumented the 1883 corner. There is no plat or field note record of this

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

occurrence. This monument is accepted as the best available evidence of the original corner position.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 10 S., R. 4 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by E.H. Hesse in 1883

From the point for the corner of sections 8, 9, 16 and 17 at proportionate distance, there is no remaining evidence of the original corner.

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

T10S	R4E
S8	S9
S17	S16
2002	

From this corner, the corner of sections 16 and 17 only, bears S.1°10.9'W., 80.026 chains distance, monumented with an iron post, 3 inch diameter, projecting 8 inches above ground, with the brass cap marked and witnessed as described in the field notes of the 1914 resurvey record.

From this same corner the corner of sections 9, 10, 15 and 16 bears N.88°21.6'E., 82.154 chains distance, monumented with an iron post, 3 inch diameter, projecting 3 inches above ground. The iron post is at the corner of a three strain barbed wire fence running south and east, with a mound of stone to the west, 3 ft. base by 18 inches high, with brass cap marked and witnessed as described in the field notes of the 1914 resurvey record.

A diligent search was made for all intervening 1/4 section corners, no evidence was found.

N. 0°31.8' W. between sections 8 and 9.

40.004

Point for the 1/4 section corner of sections 8 and 9 at proportionate distance; there is no remaining evidence of the original corner.

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

T10S	R4E
1/4	
S8	S9
2002	

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS
80.008

The corner of sections 4, 5, 8, and 9, monumented with an iron post, 3 inch diameter, firmly set, projecting 6 inches above ground, as witnessed and described in the field notes of the 1932 resurvey record.

From the corner of sections 8, 9, 16 and 17.

N. 85°00.1' W., between sections 8 and 17.

40.706

Point for the 1/4 section corner of sections 8 and 17 at proportionate distance. There is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 22 inches in the ground, in a collar of stone, with aluminum cap marked:

T10S R4E
S8
1/4 ———
S17
2002

81.412

Point for the corner of sections 7, 8, 17 and 18 at proportionate distance, there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2½ inches diameter, over a magnet, 24 inches in the ground, with aluminum cap marked:

T10S R4E
S7 | S8
———
S18 | S17
2002

From this corner, the corner of sections 17 and 18 only, bears S. 0°24.2' W., 81.037 chains distance, monumented with an iron post, 3 inch diameter, projecting 10 inches above ground. The iron post is at the corner of a three strain barbed wire fence running south and east, with a mound of stone to the west, 3 foot base, 18 inches high, with brass cap marked as described in the official record of the 1932 resurvey.

A diligent search was made for the intervening 1/4 section corner, no evidence was found.

N. 88°33.5' W., between sections 7 and 18.

33.083

Point for the original witness corner for the closing corner of sections 7 and 18 on the west boundary of the township. There is no remaining evidence of the original corner, not monumented.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

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36.642

The closing corner of sections 7 and 18 on the west boundary of the township, hereinbefore described.

From the corner of sections 7, 8, 17 and 18.

N. 1°44.3' W., between sections 7 and 8.

40.536

Point for the 1/4 section corner of section 7 and 8 at proportionate distance. There is no remaining evidence of the original corner.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 24 inches in the ground, raise a mound of stone W of corner, 3 ft. base by 2 ft. high, with aluminum cap marked:

T10S R4E

1/4

S7 | S8

2002

60.804

Point for the N 1/16 section corner of sections 7 and 8.

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

T10S R4E

N1/16

S7 | S8

2002

81.72

The corner of sections 5, 6, 7, and 8, monumented with an iron post, 3 inch diameter, firmly set, projecting 14 inches above ground, with steel fence post N of corner, with brass cap marked;

T10S R4E

S6 | S5

S7 | S8

1914

Note: this G.L.O. 1914 section corner may have remonumented the 1883 corner. There is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

Added 2002 to the brass cap.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

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From the 1/4 section corner of sections 5 and 8, monumented with an iron post, 1 inch diameter, in a mound of stone, 3 ft. base, 2 ft. high, with brass cap marked:

1/4
S5
—
S8
1914

Added 2002 to brass cap.

The original stone was found alongside the iron post.

From this corner, the corner of sections 4, 5, 8 and 9, bears S. 80°10.0' E., 45.444 chains distance.

N. 89°27.5' W., between sections 5 and 8.

19.015 Point for the W 1/16 section corner of sections 5 and 8.

Set an aluminum post, 30 inches long, 2 1/2 inch diameter, over a magnet, 24 inches in the ground, with aluminum cap marked:

T10S R4E
S5
W1/16 —
S8
2002

Corner falls 39 links S of E and W fence.

38.030 The corner of sections 5, 6, 7 and 8.

S. 89°56.7' W. between sections 6 and 7.

19.277 Point for the E 1/16 section corner of section 6 and 7.

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

T10S R4E
S6
E1/16 —
S7
2002

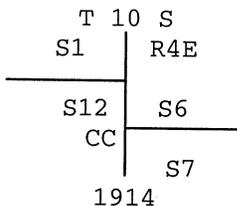
34.565 True point for the closing corner of sections 6 and 7, at intersection with the West boundary of the township.

34.641 The closing corner of sections 6 and 7, monumented with an iron post, 3 inches diameter, firmly set, projecting 12 inches

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

above ground, with a mound of stone 3 ft. base by 18 inches high, west of corner, with brass cap marked:



Added AM and 2002 to the brass cap.

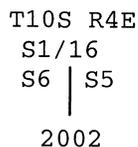
Note: this G.L.O. 1914 closing corner may have remonumented the 1883 corner. There is no plat or field note record of this occurrence. This monument is accepted as the best available evidence of the original corner position.

From the corner of sections 5, 6, 7, and 8.

N. 0°29.4' W., between sections 5 and 6

20.654 Point for the S 1/16 section corner of section 5 and 6.

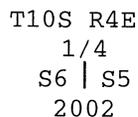
Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 20 inches in the ground, to solid rock, in a mound of stone, 3 ft. base to top, with aluminum cap marked:



41.308 The 1/4 section corner of section 5 and 6, monumented with a sandstone 18X8X6 inches laying on ground no marking on stone, a mound of stones to the west.

At the corner point,

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 6 inches in the ground, to solid rock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:



Used the original stone as part of the mound of stones.

THE SUBDIVISION OF SECTION 6
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 6
T. 10 S., R. 4 E., Salt Lake Meridian, Utah

From the S 1/16 section corner of sections 5 and 6.

S. 87°52.9' W., on the E-W centerline of the south 1/2 of section 6.

- 34.610** The S 1/16 section corner of section 6 only, on the west boundary of the township, hereinbefore described.
-

The Subdivision of Section 7
T. 10 S., R. 4 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 7 and 8

N. 89°17.4' W. on the E-W center line of section 7

- 19.835** Point for the center E 1/16 section corner of section 7.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 18 inches in the ground, to solid rock, in a mound of stone, 3 ft. base to top, with aluminum cap marked:

T10S R4E
E1/16
C ——— C
S7
2002

- 35.673** The true point for the 1/4 section corner of section 7 only, on the west boundary of the township, hereinbefore described.
-

From the center E 1/16 section corner of section 7.

N. 0°57.7' W., on the N-S center line of the NE 1/4 of section 7.

- 20.129** True point for the NE 1/16 section corner of section 7, impractical to set monument, point falls on edge of a large boulder.

Set an offline witness corner, an aluminum post, 30 inches long, 2 1/2 inches diameter, set over a magnet on solid rock, in a mound of stone, 5 ft. base to top, bears S. 19°02.0' E., 17.6 links, with aluminum cap marked:

THE SUBDIVISION OF SECTION 7
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS

WC
T10S R4E
NE 1/16
S7
2002

- 40.258** The E 1/16 section corner of sections 6 and 7.
-
- From the N 1/16 section corner of sections 7 and 8.
N. 89°40.1' W. on the E-W center line of the NE 1/4 of section 7.
- 19.556** The NE 1/16 section corner of section 7.
- 35.077** The N 1/16 section corner of section 7 only, on the West boundary of the township, hereinbefore described.

The Subdivision of Section 8
Township 10 South, Range 4 East, Salt Lake Meridian, Utah

-
- From the 1/4 section corner of sections 8 and 17.
N. 3°22.8' W., on the N-S center line of section 8.
- 40.477** Point for the center 1/4 section corner of section 8 at intersection with the E-W centerline.
Set an aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 22 inches in the ground, with aluminum cap marked:
- T10S R4E
C1/4 S8
2002
- 62.422** Point for the center N 1/16 section corner of section 8, not monumented.
- 84.367** The 1/4 section corner of sections 5 and 8.
-
- From the 1/4 section corner of sections 8 and 9.
N. 84°41.8' W. on the E-W center line of section 8.
- 42.747** The center 1/4 section corner of section 8.
- 62.527** Point for the center W 1/16 section corner of section 8, not monumented.

THE SUBDIVISION OF SECTION 8
T. 10 S., R. 4 E., SALT LAKE MERIDIAN, UTAH

CHAINS
82.307

The 1/4 section corner of sections 7 and 8.

From the point for the center W 1/16 section corner of section 8, not monumented.

N. 2°35.5' W. on the N-S center line of the NW 1/4 of section 8.

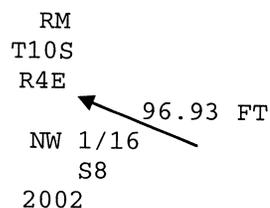
21.104

Point of the NW 1/16 section corner of section 8.

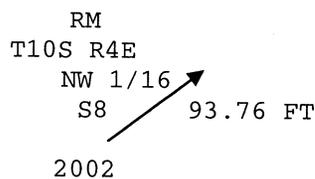
Set a 1 1/2 inch P-K nail in asphalt surface of Highway 89.

From which:

An aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 20 inches in the ground, at west side of a gate, for a reference monument, bears S. 35°21.7' E., 96.93 ft. with aluminum cap marked:



An aluminum post, 30 inches long, 2 1/2 inches diameter, over a magnet, 20 inches in the ground, at east side of a gate, for a reference monument bears, S. 32°29.7' W., 93.76 ft. with aluminum cap marked:



42.208

The W 1/16 corner of sections 5 and 8.

From the point for the center N 1/16 section corner of section 8, not monumented.

N. 87°01.8' W., on the E-W center line of the NW 1/4 of section 8.

19.381

The NW 1/16 section corner of section 8.

38.762

The N 1/16 section corner of sections 7 and 8.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Andrew Lund	Survey Aid

CERTIFICATE OF SURVEY

I, **Merrill D. Cazier, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **24th day of February, 1999**, I have, **dependently resurveyed a portion of the west boundary, and portion of the subdivisional lines, and the subdivision of sections 6, 7 and 8, in T. 10 S., R. 4 E., Salt Lake Meridian, 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.

4-14-04

Date

Merrill D. Cazier

(Cadastral Surveyor)

Date

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the **a portion of the west boundary, and a portion of the subdivisional lines and the subdivision of section 6, 7 and 8, in T. 10 S., R. 4 E., Salt Lake Meridian, Utah**, executed by **Merrill D. Cazier, Cadastral Surveyor** having been critically examined and found correct are hereby approved.

May 6, 2004

Date

Daniel W. Webb

(Chief Cadastral Surveyor)