

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF A PORTION OF

THE EAST BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES

AND THE

SUBDIVISION OF SECTIONS 25

IN

TOWNSHIP 19 SOUTH, RANGE 25 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Merrill D. Cazier
Cadastral Surveyor

Under special instructions dated **May 10, 2002**, approved **May 10, 2002**, which provided for the surveys included under Group Number **944**, and assignment instructions dated **May 10, 2002**.

Survey commenced **May 13, 2002**
Survey completed **May 16, 2002**

INDEX DIAGRAM

Township 19 South, Range 25 East

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

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TOWNSHIP 19 SOUTH, RANGE 25 EAST, 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 subdivision of section 25, in Township 19 South, Range 25 East, Salt Lake Meridian, Utah.

History of Earlier Surveys

Surveyed by	Retr. or Resurveyed by
SOUTH BOUNDARY	
All F.E. Baxter 1894	
All	G.B. Hatch 1963
EAST BOUNDARY	
All F.E. Baxter 1894	
All	G.B. Hatch 1963
WEST BOUNDARY (Guide Meridian)	
All A.D. Ferron 1884	
All	C.F. Moore & R.C. Yundt 1970
NORTH BOUNDARY	
All F.E. Baxter 1894	
All	A.D. Griffin 1960
SUBDIVISION	
All F.E. Baxter 1894	
All	G.B. Hatch 1963

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. 944, dated May 10, 2002.

Preliminary to the resurvey, the lines of the original survey were retraced and a diligent search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line notes are given herein.

The direction of the lines were determined by mean geodetic inverse between corners, Global Positioning System (GPS), utilizing Real-time kinematic (RTK), was used throughout the survey. Cadastral Measurement Management (CMM) was utilized during the course of the survey.

The geographic position of the corner of sections 23, 24, 25 and 26, Township 19 South, Range 25 East, as determined by a tie to the National Geodetic Survey Control Station "WEST", utilizing GPS, using RTK techniques, is as follows:

Latitude: 39°07'57.376" N., Longitude: 109°06'28.167" W.,
N.A.D. 1983(1994).

Chains TOWNSHIP 19 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

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

Latitude: 39°06'04.65594" N., Longitude: 109°06'59.57652" W.,
N.A.D. 1983 (1994), NAVD 88, 4973 Ft.

Dependent Resurvey of a Portion of the East Boundary,
T.19 S., R.25 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by F.E. Baxter in 1894
and the Resurvey Executed by G.B. Hatch in 1963

Beginning at the 1/4 section corner of sections 25 and 30, on the east boundary of the township, monumented with an iron post, 2½ inches diameter, firmly set, projecting 12 inches above ground, with brass cap marked as described in the official record of the 1963 resurvey.

A cedar post 5 inches diameter, projecting 7 feet out of ground, falls 2 feet south of corner.

N. 0°10.3' E., between sections 25 and 30 on the east boundary of the township.

20.066 Point for the N 1/16 section corner of sections 25 and 30.

Set an aluminum post, 30 inches long, 2½ inches diameter, 8 inches in the ground, with a magnet at base, in a mound of stones, 5 ft. base, to top, of aluminum cap marked:

T19S
R25E R26E
N 1/16
S25 | S30
2002

40.132 The corner of sections 19, 24, 25 and 30 monumented with an iron post, 2½ inches diameter, firmly set, projecting 12 inches above ground, in a collar of stone, with brass cap marked as described in the official record of the 1963 resurvey.

Dependent Resurvey of a Portion of the Subdivisional Lines
T.19 S., R.25 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 25 and 36, monumented with an iron post, 2½ inches diameter, firmly set, projecting 6 inches above ground, with a brass cap marked as described in the official record of the 1963 resurvey.

N. 89°57.5' W., between sections 25 and 36.

20.046 Point for the W 1/16 section corner of sections 25 and 36.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 19 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

Chains

Set an aluminum post, 30 inches long, 2½ inches diameter, 10 inches in the ground, to bedrock, with a magnet at base, in a mound of stones, 4 foot base, to top of aluminum cap, marked:

T19S R25E
S25
W1/16 —————
S36
2002

- 40.092** The corner of sections 25, 26, 35 and 36, monumented with an iron post, 2½ inches diameter, firmly set, projecting 10 inches above ground, in a collar of stone, with brass cap marked as described in the official record of the 1963 resurvey.

N. 0° 02.5' E., between sections 25 and 26.

- 40.060** The 1/4 corner of sections 25 and 26, monumented with an iron post, 2½ inches diameter, firmly set, projecting 24 inches above ground, in a mound of stone 3 ft. base to top, with brass cap marked as described in the official record of the 1963 resurvey.

N.0°00.1' W., begin new measurement.

- 40.090** The corner of sections 23, 24, 25, and 26, monumented with an iron post, 2½ inches diameter, firmly set, projecting 8 inches above ground, in a collar of stone, with brass cap marked as described in the official record of the 1963 resurvey.

From the corner of sections 19, 24, 25 and 30, on the east boundary of the township, hereinbefore described.

S. 89° 55.3' W., between sections 24 and 25.

- 20.179** Point for the E 1/16 section corner of sections 24 and 25.

Set an aluminum post, 30 inches long, 2½ inches diameter, 12 inches in the ground, to bedrock, with a magnet at base, in a mound of stones, 4 ft. base, to top of aluminum cap, marked:

T19S R25E
S24
E1/16 —————
S25
2002

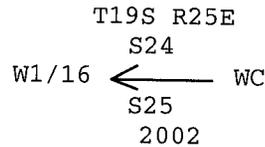
- 40.358** The 1/4 section corner of sections 24 and 25, monumented with an iron post, 2½ inches diameter, firmly set, projecting 8 inches above ground, in a collar of stone, with brass cap marked as described in the official record of the 1963 resurvey.

S. 89°54.3' W., beginning new measurement.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 19 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

Chains

- 18.967** Point selected for the witness W 1/16 section corner of sections 24 and 25.
- Set an aluminum post, 30 inches long, 2½ inches diameter, 16 inches in the ground, to solid rock, with a magnet at base, in a mound of stones, 3 ft. base, to top of aluminum cap, marked:



- 19.920** True point for the W 1/16 section corner of sections 24 and 25. Point falls on edge of a large boulder. Not monumented.
- 39.840** The corner of sections 23, 24, 25 and 26.

The Subdivision of Section 25,
Township 19 South, Range 25 East, Salt Lake Meridian, Utah

From the 1/4 section corner of sections 25 and 36.

N. 0° 09.3' W., on the N-S center line of section 25.

- 40.128** Point for the center 1/4 section corner section 25 at the intersection with the E-W center line.
- Set an aluminum post, 30 inches long, 2½ inches diameter, 24 inches in the ground, with a magnet at base, with aluminum cap marked:

T19S R25E
C1/4 S25
2002

- 60.186** Point for the center N 1/16 section corner of section 25. Not monumented.

- 80.244** The 1/4 section corner of section 24 and 25.

From the 1/4 section corner of sections 25 and 30 on the east boundary of the township, hereinbefore described.

S. 89°56.6' W. on the E-W center line of section 25.

- 20.067** Point for the center E 1/16 section corner of section 25. Not monumented.

- 40.134** The center 1/4 section corner of section 25.

- 60.110** Point for the center W 1/16 section corner of section 25.

THE SUBDIVISION OF SECTION 25,
TOWNSHIP 19 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

Chains

Set an aluminum post, 30 inches long, 2½ inches diameter, 20 inches in the ground, with a magnet at base, in a mound of stone, 4 ft. base to top of aluminum cap, marked:

T19S R25E
W1/16
C — C
S25
2002

From this corner, the center of a 15 ft. radius subject area, bears N. 39° 56.0' W., 5.464 chains distance.

- 80.086** The 1/4 section corner between sections 25 and 26.

From the point for the center E 1/16 section corner of section 25.

N. 0°00.5' E., on the N-S center line of the NE 1/4 of section 25.

- 20.062** Point for the NE 1/16 section corner of section 25; at the intersection with the E-W center line of the NE 1/4 of section 25.

Set an aluminum post, 30 inches long, 2½ inches diameter, 24 inches in the ground, with a magnet at base, in a collar of stone, with aluminum cap marked:

T19S R25E
NE 1/16
S25
2002

- 40.124** The E 1/16 section corner of section 24 and 25.

From the N 1/16 section corner of sections 25 and 30 on the east boundary of the township, hereinbefore described.

S. 89°55.9' W., on the E-W center line of the NE 1/4 of section 25.

- 20.123** The NE 1/16 section corner of section 25.

- 40.246** The point for the center N 1/16 section corner of section 25.

From the W 1/16 section corner of section 25 and 36.

N. 0°03.4' W., on the N-S center line of the SW 1/4 of section 25.

- 40.093** The center W 1/16 section corner of section 25.

From the center W 1/16 section corner of section 25.

THE SUBDIVISION OF SECTION 25,
TOWNSHIP 19 SOUTH, RANGE 25 EAST, SALT LAKE MERIDIAN, UTAH

Chains

N. $0^{\circ}04.7'$ W. on the N-S center line of the NW $\frac{1}{4}$ of section 25.

40.102 The true point for the W $\frac{1}{16}$ section corner of sections 24 and 25.

UNITED STATES
DEPARTMENT OF THE INTERIOR
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FIELD ASSISTANTS

Name	Capacity
Ross Workman	Supervisory Cadastral Surveyor
Ronald A. Baugh	Supervisory Cadastral Surveyor
Scott Bishop	Survey Tech.
Nick George	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 **10th day of May, 2002**, I have, **dependently resurveyed a portion of the east boundary and a portion of the subdivisional lines, and the subdivision of section 25, in Township 19 South, Range 25 East**, 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.

10-28-03

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 **dependent resurvey of a portion of the east boundary and a portion of the subdivisional lines, and the subdivision of section 25, in Township 19 South, Range 25 East, Salt Lake Meridian, Utah**,

executed by **Merrill D. Cazier, Cadastral Surveyor**

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

January 29, 2004

Date

Daniel W. Welch

(Chief Cadastral Surveyor for Utah)