

THE UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTION 25,

IN

TOWNSHIP 35 SOUTH, RANGE 11 WEST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Larry V. Judd
Cadastral Surveyor

Under special instructions dated **June 1, 2004**, approved **June 1, 2004**,
which provided for the surveys included under Group Number **985**, and
assignment instructions dated **June 1, 2004**

Survey commenced **June 6, 2004**
Survey completed **July 13, 2004**

INDEX DIAGRAM

Township 35 South, Range 11 West

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

TOWNSHIP 35 SOUTH, RANGE 11 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 25, in T. 35 S., R. 11 W., Salt Lake Meridian, Utah.

History of Surveys

Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY (Seventh Standard Parallel South)			
Portion	J. Bausman	1869	
Portion	A.J. Stewart Jr.	1874	
Portion			L.A. Snow 1908
			L.V. Judd 2004
			(concurrently)
EAST BOUNDARY			
Portion	J. Gorlinski	1870	
Portion	M.H. Dalley	1908	
			M.H. Dalley 1908
			L.V. Judd 2004
			(concurrently)
WEST BOUNDARY (First Guide Meridian)			
All	J. Bausman	1869	
NORTH BOUNDARY			
All	J. Gorlinski	1870	
SUBDIVISION			
Portion	J. Gorkinski	1870	
Portion	M.H. Dalley	1908	
			M.H. Dalley 1908

A portion of the west boundary of Township 35 South, Range 10 West, was dependently resurveyed concurrently by Larry V. Judd in 2004 under this same group.

PRIVATE SURVEYS

Neil L. Rhodes of Bulloch Brothers Engineering executed a survey in section 25, of Township 35 South, Range 11 West, with plat dated 10/17/2002. The survey is a record of survey for the Utah State Lands Trust Lands Administration.

T. 35 S., R. 11 W., SALT LAKE MERIDIAN, UTAH

This survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 985, dated June 1, 2004.

The direction of the lines was determined by references to true meridians, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) methods throughout the survey. The positional accuracy of this survey complies with the *Standards and Guidelines for Cadastral Surveys Using GPS Methods*, dated May 9, 2001, Version 1.0. Trimble model 5700 GPS receivers were used for field collection. Cadastral Measurement Management (CMM) 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 National Geodetic Survey Cooperative Base Network Control Station "NORTH CEDAR CITY", with published data as follows:

Latitude: 37°44'15.24019" N. Longitude: 113°02'38.87799" W.
N.A.D. 1983 (1994)
Elevation 5694 feet, N.A.V.D. 1988

The geographic position of the 1/4 section corner of sections 25 and 26, T. 35 S., R. 11 W., determined by using RTK methods from indirect ties made to National Geographic Survey Cooperative Base Network Control Station "NORTH CEDAR CITY" is as follows:

Latitude: 37°43'41.284" N. Longitude: 113°03'03.410" W.
N.A.D. 1983.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 35 S., R. 11 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional lines
T. 35 S., R. 11 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
M.H. Dalley in 1908

Beginning at the corner of section 25 and 36 only, on the east boundary of the township, hereinbefore described in the dependent resurvey, of a portion of the west boundary of Township 35 South, Range 10 West, concurrently resurveyed under this same group.

N. 89° 52.5' W., between sections 25 and 36.

20.827

The E 1/16 section corner of sections 25 and 36, monumented with a Bulloch Brothers Engineering monument, a rebar 5/8 inch diameter, firmly set, with attached yellow plastic cap marked BBE Inc. This monument is accepted as a careful and faithful determination of the corner position.

At the corner point

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

E 1/16	$\frac{S\ 25}{S\ 36}$
	2004

Deposit a magnet, enclosed in a clear plastic case at the base of the aluminum post.

Deposit the rebar with cap inside the aluminum post.

Raise a mound of stone, 3 ft. by 2 ft. base by 1 ft. high, north of the aluminum post.

With continuous measurement

41.654

The 1/4 section corner of sections 25 and 36, monumented with an Iron County Survey Monument (ICSM), an iron post, 2 inches diameter, firmly set in concrete, with an attached 2 1/2 inch diameter aluminum cap marked:

IRON COUNTY	
	T35S
	S 25 R
1/4	—— 11
	S 36 W
	LS 343641
	1999

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
T. 35 S., R. 11 W., SALT LAKE MERIDIAN, UTAH

CHAINS

from which

A juniper 24 inches diameter, with scribe marks visible on a partially healed blaze, bears S. 18° W., 31 links distance. (Record, N. 10 1/2° W., 30 links distance)

The position of the 1/4 section corner monument was based on the original marked stone found by the Iron County Surveyors Office. This monument is accepted as the best available evidence of the position of the original corner.

A Corner Perpetuation and Filing Record, dated January 1, 2000, is on file at the Iron County Engineers office.

Corner is located at corner of fences extending, North, S. 15° E., and West.

The Subdivision of Section 25,
T. 35 S., R. 11 W., Salt Lake Meridian, Utah

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

N. 0° 03.6' E., on the N-S center line of section 25.

40.262

The center 1/4 section corner, monumented with a Bulloch Brothers Engineering monument, a rebar 5/8 inch diameter, firmly set, with attached yellow plastic cap marked BBE Inc. This monument is accepted as a careful and faithful determination of the corner position.

At the corner point

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

T35S R11W
C 1/4
S 25
2004

Deposit a magnet, enclosed in a clear plastic case at the base of the aluminum post.

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

N. 0° 02.5' E., beginning new measurement.

40.248

The 1/4 section corner of sections 24 and 25, monumented with an Iron County Survey Monument (ICSM), an iron post, 2 inches diameter, firmly set in concrete, projecting 4 inches above ground, with an attached 2 1/2 inch diameter brass cap marked:

THE SUBDIVISION OF SECTION 25,
T. 35 S., R. 11 W., SALT LAKE MERIDIAN, UTAH

CHAINS

IRON COUNTY
LS 6315
T S 24 R
35 1/4 — 11
S S 25 W
1988

The position of the 1/4 section corner monument was based on the original marked stone found by the Iron County Surveyors Office. This monument is accepted as the best available evidence of the position of the original corner.

A Corner Perpetuation and Filing Record, dated January 21, 1991, is on file at the Iron County Engineers office.

Corner is located on top of small ridge bearing N. 76° W., and S. 76° E., and 153 feet east of a "Y" intersection on a dirt road bearing north-south.

From the 1/4 section corner of section 25 only, on the east boundary of the township, hereinbefore described in the dependent resurvey of a portion of the west boundary of Township 35 South, Range 10 West, concurrently resurveyed under this same group.

S. 89° 49.4' W., on the E-W center line of section 25.

20.834

The center E 1/16 section corner of section 25, monumented with a Bulloch Brothers Engineering monument, a rebar 5/8 inch diameter, firmly set, with attached yellow plastic cap marked BBE Inc. This is accepted as a careful and faithful determination of the corner position.

At the corner point

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

E 1/16
C ——— C
S 25
2004

Deposit a magnet, enclosed in a clear plastic case at the base of the aluminum post.

Deposit the rebar with cap inside the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner is located on southwest slope, East 1.6 feet distance, from a fence corner extending north, south, and west.

S. 89° 49.6' W., beginning new measurement.

THE SUBDIVISION OF SECTION 25,
T. 35 S., R. 11 W., SALT LAKE MERIDIAN, UTAH

CHAINS

20.828 The center 1/4 section corner of section 25.

S. 89° 49.3' W., beginning new measurement.

40.281 The 1/4 section corner of sections 25 and 26, monumented with an Iron County Survey Monument (ICSM), an iron post, 2 inches diameter, firmly set in concrete, with an attached 2 1/2 inch diameter brass cap marked:

IRON COUNTY
LS 6315
T 1/4 R
35 26 | 25 11
S 1988 W

The position of the section corner monument was based on the original marked stone found by the Iron County Surveyors Office. This monument is accepted as the best available evidence of the position of the original corner.

A Corner Perpetuation and Filing Record, dated January 21, 1991, is on file at the Iron County Engineers office.

Raise a mound of stone, 3 ft. base by 3 ft. high, west of the iron post.

Corner is located between the north bound on-ramp and the north bound lanes of Interstate 15.

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

N. 0° 03.8' E., on the N-S center line of the SE 1/4 of section 25.

40.370 The center E 1/16 section corner of section 25.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
C. Scott Bishop	Cadastral Surveyor
Jeremy D. Davis	Survey Technician

CERTIFICATE OF SURVEY

I, **Larry V. Judd, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **1st day of June, 2004**, I have **executed a dependent resurvey of a portion of the subdivisional lines, and the subdivision of section 25, in Township 35 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.

12/02/2008
Date

Larry V. Judd
(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 subdivisional lines, and the subdivision of section 25, in Township 35 South, Range 11 West, Salt Lake Meridian, Utah**, executed by **Larry V. Judd, Cadastral Surveyor**, having been critically examined and found correct, are hereby approved.

December 17, 2008
Date

Daniel W. Webb
Chief Cadastral Surveyor for Utah

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