

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 SUBDIVISIONAL LINES

AND THE

SUBDIVISION OF SECTION 24

IN

TOWNSHIP 16 SOUTH, RANGE 2 WEST

of the SALT LAKE Meridian  
In the State of UTAH

EXECUTED BY

*Ferrel D. Reynolds*  
*Cadastral Surveyor*

Under special instructions dated *September 27, 1991*, approved September 27, 1991, which provided for the surveys included under Group Number 761, and assignment instructions dated *October 3, 1991*.

Survey commenced *October 10, 1991*

Survey completed *November 6, 1991*

**INDEX DIAGRAM**

Township 16 South, Range 2 West

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

The Subdivision of Section 24.....Page 4

## TOWNSHIP 16 SOUTH, RANGE 2 WEST, SALT LAKE MERIDIAN, UTAH

## CHAINS

The following field notes describe the dependent resurvey of a portion of the east boundary and subdivisional lines and the subdivision of section 24, in Township 16 South, Range 2 West, Salt Lake Meridian, Utah.

The east boundary was surveyed by F. Dickert in 1871 and retraced or resurveyed by Stewart and Stewart in 1898 and G.B. Hatch in 1973. The subdivisional lines were surveyed by F. Dickert in 1871 and a portion by C.P. Sylvester in 1974.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 761, Utah, dated September 27, 1991.

The directions of lines were determined by references to true meridians established on line by hour angle observations of the sun and Polaris. The lines were carried forward by sustained angulations, being supplemented by other observations taken throughout the progress of the survey. Distances were determined by electronic measurement.

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 east 1/4 section corner of section 1, T. 17 S., R. 2 W., as determined by a tie made to National Geodetic Survey Triangulation Station "YUBA" is as follows:

Latitude  $39^{\circ} 21' 57.73''$  N. Longitude  $112^{\circ} 00' 54.11''$  W.  
N.A.D. 1927

The mean magnetic declination as projected from the U.S. Geological Survey "Magnetic Declination Map of 1985" is:  $13 \frac{1}{2}^{\circ}$  East.

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Dependent Resurvey of a Portion of the East Boundary,  
T. 16 S., R. 2 W., Salt Lake Meridian, Utah

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Reestablishment of the Survey Executed by  
F. Dickert in 1871, and the Resurveys  
Executed by Stewart and Stewart in 1898,  
and G.B. Hatch in 1973

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Beginning at the 1/4 section corner of section 24 only, on the east boundary of the township, monumented with an iron post, 2 1/2 ins. diam., 6 ins. above ground, with brass cap marked as described in the official record of the 1973 resurvey.

S.  $0^{\circ} 16.3'$  W., on the east boundary of section 24.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 16 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Over rolling desert land.

- 37.756** Point for the 1/4 section corner of sections 19 only, T. 16 S., R. 1 W., at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:

T16S  
R2W R1W  
| 1/4  
S19  
1991

Set a steel fence post alongside the aluminum post.

Corner is located in rolling sand dunes.

- 40.138** Point for the corner of sections 24 and 25, on the east boundary of the township, at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

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S. 0° 16.3' W., on the east boundary of section 25.

- 37.537** Point for the closing corner of sections 19 and 30, T. 16 S., R. 1 W., at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

- 40.019** Point for the 1/4 section corner of section 25 only, on the east boundary of the township, at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

- 77.865** Point for the 1/4 section corner of section 30 only, T. 16 S., R. 1 W., at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

- 80.117** Point for the corner of sections 25 and 36, on the east boundary of the township, at proportionate, falls in Sevier Bridge Reservoir; not monumented.

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S. 0° 16.3' W., on the east boundary of section 36.

- 38.077** Point for the closing corner of sections 30 and 31, T. 16 S., R. 1 W., at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

- 40.079** Point for the 1/4 section corner of section 36 only, on the east boundary of the township, at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 16 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS****78.050**

Point for the 1/4 section corner of section 31 only, T. 16 S., R. 1 W., at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

**80.177**

Point for the corner of Tps. 16 and 17 S., R. 2 W., at proportionate distance, falls in Sevier Bridge Reservoir; not monumented.

From this point

The closing corner of sections 6 and 31, T. 16 and 17 S., R. 1 W., bears S.  $0^{\circ}16.3'W.$ , 37.848 chs. distance, monumented with an iron post, 2 1/2 ins. diam., 6 ins. above ground, with brass cap marked as described in the official record of the 1973 resurvey by G.B. Hatch.

The 1/4 section corner of section 1 only, T. 17 S., R. 2 W., bears S.  $0^{\circ}16.3'W.$ , 40.118 chs. distance, monumented with an iron post, 2 1/2 ins. diam., 6 ins. above ground, with brass cap marked as described in the official record of the 1973 resurvey by G.B. Hatch.

From this same 1/4 section corner of section 1 only, T. 17 S., R. 2 W., National Geodetic Survey Triangulation Station "YUBA", bears S.  $33^{\circ}58'02''E.$ , 134.580 chs. dist.

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From the 1/4 section corner of section 24 only, on the east boundary of the township, hereinbefore described.

N.  $0^{\circ}28.6'E.$ , on the East boundary of section 24.

Over rolling desert land.

**2.160**

The closing corner of section 18 and 19, T. 16 S., R. 1 W., monumented with an iron post 2 1/2 ins. diam., 6 ins. above ground, with brass cap marked as described in the official record of the 1973 resurvey by G.B. Hatch.

**40.392**

The corner of sections 13 and 24, on the east boundary of the township, monumented with an iron post 2 1/2 ins. diam., 6 ins. above ground, with brass cap marked as described in the official record of the 1973 resurvey by G.B. Hatch.

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Reestablishment of the Survey Executed by F. Dickert in 1871  
and the Resurvey Executed by C.P. Sylvester in 1974

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From the point for the corner of sections 24 and 25, on the east boundary of the township.

N.  $89^{\circ}40.4'W.$ , between sections 24 and 25.

Over water of Sevier Bridge Reservoir.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 16 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

**20.108** Point for the E 1/16 section corner of sections 24 and 25, falls in Sevier Bridge Reservoir; not monumented.

**40.216** Point for the 1/4 section corner of sections 24 and 25, falls in Sevier Bridge Reservoir; not monumented.

**60.324** Point for the W 1/16 section corner of sections 24 and 25.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diameter, 24 ins. in the ground, with aluminum cap marked:

	T16S R2W
W 1/16	<u>S24</u>
	S25
	1991

Set a steel fence post alongside the aluminum post.

**61.17** Center line of oiled road, bears N - S.

**80.432** The corner of sections 23, 24, 25, and 26, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone to top, with brass cap marked as described in the official record of the 1974 resurvey by C.P. Sylvester.

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From the corner of sections 13 and 24, on the east boundary of the township, hereinbefore described.

S. 89°57.2' W., between sections 13 and 24.

Over rolling desert land.

**20.158** Point for the E 1/16 corner of sections 13 and 24.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diameter, 24 ins. in the ground, with aluminum cap marked:

	T16S R2W
E 1/16	<u>S13</u>
	S24
	1991

Set a steel fence post alongside the aluminum post.

**40.316** The 1/4 section corner of sections 13 and 24, monumented with an iron post 2 1/2 ins. diam., 6 ins. above ground with brass cap marked as described in the official record of the 1974 resurvey by C.P. Sylvester.

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THE SUBDIVISION OF SECTION 24,  
T. 16 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 24,  
T. 16 S., R. 2 W., Salt Lake Meridian, Utah

From the point for the 1/4 section corner of sections 24 and 25.

N.  $0^{\circ}17.9'$  E., on the N - S center line of section 24, over water of Sevier Bridge Reservoir.

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

Set an aluminum post, 30 ins. long, 2 1/2 ins. diameter, 24 ins. in the ground, with aluminum cap marked:

T16S R2W  
C 1/4 S24  
1991

Set a steel fence post alongside the aluminum post.

**80.266** The 1/4 section corner of sections 13 and 24.

From the 1/4 section corner of section 24 only, on the east boundary of the township.

N.  $89^{\circ}52.8'$  W., on the E - W center line of section 24.

**20.097** Point for the center E 1/16 corner of section 24.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diameter, 24 ins. in the ground, with aluminum cap marked:

T16S R2W  
C  $\frac{E\ 1/16}{S24}$  C  
1991

Set a steel fence post alongside the aluminum post.

**40.194** The center 1/4 section corner of section 24.

**80.196** The 1/4 section corner of sections 23 and 24, monumented with an iron post 2 1/2 ins. diam., 9 ins. above ground and in a mound of stone to top with brass cap marked as described in the official record of the 1974 resurvey by C.P. Sylvester.

From the center E 1/16 section corner of section 24.

THE SUBDIVISION OF SECTION 24,  
T. 16 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

*CHAINS*

N.  $0^{\circ}23.2'$  E., of the N - S center line of the NE 1/4 of section 24.

**40.332** The E 1/16 section corner of sections 13 and 24.

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From the point for the E 1/16 section corner of sections 24 and 25.

N.  $0^{\circ}17.1'$  E., on the N - S center line of the SE 1/4 of section 24.

**8.416** Point selected for the witness point above high water mark of Sevier Bridge Reservoir.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diameter, 24 ins. in the ground, with aluminum cap marked:

T16S R2W  
WP  
C  
SE | S24  
C  
1991

Set a steel fence post alongside the aluminum post.

**40.066** The center E 1/16 section corner of section 24.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

## FIELD ASSISTANTS

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Name	Capacity
Gail E. Reynolds	Cadastral Surveyor
Steven Oatman	Surveying Technician
Shawn Peterson	Surveying Technician
Shannon Serre	Survey Aid

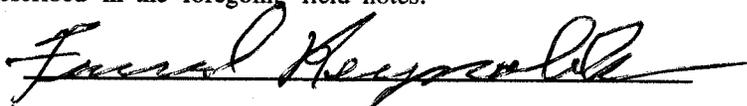
## CERTIFICATE OF SURVEY

I, *Ferrel D. Reynolds, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *27th day of September, 1991*, I have *dependently resurveyed a portion of the east boundary and subdivisional lines and subdivided section 24, in Township 16 South, Range 2 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.

September 26, 1995

Date



(Cadastral Surveyor)

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Date

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(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 subdivisional lines and the subdivision of section 24, in Township 16 South, Range 2 West, Salt Lake Meridian, Utah*,

executed by *Ferrel D. Reynolds, Cadastral Surveyor*

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

September 28, 1995

Date



(Chief Cadastral Surveyor for Utah)