

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 7 AND 18,  
IN  
TOWNSHIP 19 SOUTH, RANGE 23 EAST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Jerry L. Thomas*  
*Cadastral Surveyor*

Under special instructions dated *July 28, 1993*, approved *July 28, 1993*, which provided for the surveys included under Group Number *808*, and assignment instructions dated *August 9, 1993*.

Survey commenced *August 24, 1993*  
Survey completed *September 2, 1993*

INDEX DIAGRAM

Township 19 South, Range 23 East

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## TOWNSHIP 19 SOUTH, RANGE 23 EAST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the west boundary, and a portion of the subdivisional lines, and the subdivision of sections 7 and 18, T. 19 S., R. 23 E., Salt Lake Meridian, Utah.

**HISTORY OF EARLIER SURVEYS**

		Surveyed by	Retr. or Resurveyed by	
<b>NORTH BOUNDARY</b>				
All	H.D. Heist and W.A. Stumm	1909		
All			G.D. Voorhees, E.W. Sibley, and G.B. Hatch	1960
<b>SOUTH BOUNDARY</b>				
All	H.D. Heist and W.A. Stumm	1909		
Portion			J.C. Clark	1923
<b>EAST BOUNDARY</b>				
All	H.D. Heist and W.A. Stumm	1909	C.F. Moore and R.C. Yundt	1931
Portion			F.R. Chappell and G.B. Hatch	1961
<b>WEST BOUNDARY</b>				
All	H.D. Heist and W.A. Stumm	1909		
<b>SUBDIVISION</b>				
All	H.D. Heist and W.A. Stumm	1909		

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. 808, Utah, dated July 28, 1993.

The direction of the lines of this survey refer to the true meridian, determined by hour angle observations of the sun and Polaris and carried forward by means of sustained angulation. The measurements of these lines were made with an electronic distance measuring device. Horizontal distances only are entered in the field notes.

## TOWNSHIP 19 SOUTH, RANGE 23 EAST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

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. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line notes are given herein.

The geographic position of the 1/4 section corner of sections 19 and 20, as determined by a tie made to U.S. Geological Survey Triangulation Station "SEC COR 28/19S/23E", is as follows:

Latitude 39° 08' 22.61" N. Longitude 109° 24' 21.82" W.  
N.A.D. 1927

The mean magnetic declination as determined from numerous readings throughout the survey is: 13 1/2° East.

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Dependent Resurvey of a Portion the West Boundary,  
T. 19 S., R. 23 E., Salt Lake Meridian, Utah

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(Reestablishment of the Survey Executed by  
H.D. Heist and W.A. Stumm in 1909

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Beginning at the corner of sections 13, 18, 19, and 24, monumented with an iron post, 3 ins. diam., set, marked and witnessed as described in the survey of the west boundary of T. 19 S., R. 23 E. in 1909.

N. 0° 02' E., between sections 13 and 18.

Over rolling and broken land.

**2.50** Dirt road, bears E and W.

**40.14** Point for the 1/4 section corner of sections 13 and 18, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 2 ins. in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

T19S  
R22E R23E  
1/4  
S13 | S18  
1993

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

- 42.00** Dirt road, bears W and curves S.
- 51.00** Cottonwood Wash, drains SE.; enter cultivated land.
- 72.00** Trail road, bears NW. and SE.
- 80.28** The corner of sections 7, 12, 13, and 18, monumented with an iron post, 3 ins. diam., set, marked, and witnessed as described in the survey of the west boundary in 1909.
- 
- N. 0° 10' E., between sections 7 and 12.
- Over rolling and broken land.
- 19.985** Point for the S 1/16 section corner of sections 7 and 12.
- Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 4 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with aluminum cap marked:
- S 1/16  
S12 | S7  
1993
- 39.97** The 1/4 section corner of sections 7 and 12, monumented with a sandstone 14x6x6 ins., firmly set, projecting 8 ins. above ground, plainly marked 1/4 on the W face.
- At the corner point
- Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:
- T19S  
R22E R23E  
1/4  
S12 | S7  
1993
- Deposit the marked stone alongside the aluminum post.
- Raise a mound of stone west of the corner.
- 
- N. 0° 03' W., beginning new measurement.
- 40.43** The corner of sections 1, 6, 7, and 12, monumented with an iron post, 3 ins. diam., set, marked, and witnessed as described in the official record of the survey of the west boundary in 1909.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 19 S., R. 23 E., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 19 and 20, monumented with a sandstone, 10x10x4 ins., firmly set, projecting 6 ins. above ground, plainly marked 1/4 on the W face.

At the corner point

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

T19S R23E  
1/4  
S19 | S20  
1993

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone west of the corner.

From this corner, U.S. Geological Survey Triangulation Station "SEC COR S28/19S/23E", bears S. 53° 03' 23" E., 201.357 chs. distance.

N. 0° 12' E., between sections 19 and 20.

Over rolling and broken land.

40.13

Point for the corner of sections 17, 18, 19, and 20, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top, with aluminum cap marked:

T19S R23E  
S18 | S17  
S19 | S20  
1993

Corner is located on steep S slope.

From the 1/4 section corner of sections 17 and 20, monumented with a sandstone, 18x10x6 ins., firmly set, projecting 10 ins. above ground, plainly marked 1/4 on the N face.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

At the corner point

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

T19S R23E  
1/4     S17  
          S20  
          1993

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone north of the corner.

N. 89° 59' W., between sections 17 and 20.

Over rolling and broken land.

**40.16**     The corner of sections 17, 18, 19, and 20.

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S. 89° 51' W., between sections 18 and 19.

Over rolling and broken land.

**20.05**     Point for the E 1/16 section corner of sections 18 and 19.

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

E 1/16   S18  
          S19  
          1993

Raise a mound of stone north of the corner.

**28.00**     Cottonwood Wash, drains SE.

**40.10**     Point for the 1/4 section corner of sections 18 and 19, 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:

T19S R23E  
1/4     S18  
          S19  
          1993

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

- Raise a mound of stone north of the corner.
- 40.60** Dirt road, Diamond Canyon to I-70, bears S and curves NW.
- 79.12** The corner of sections 13, 18, 19, and 24, hereinbefore described.
- 
- From the corner of sections 17, 18, 19, and 20.
- N. 0° 17' W., between sections 17 and 18.
- Over rolling and broken land.
- 38.00** Trail road, bears E and W.
- 40.13** The 1/4 section corner of sections 17 and 18, monumented with a sandstone, 18x7x6 ins., firmly set, projecting 10 ins. above ground, plainly marked 1/4 on the W face, from which the remaining original bearing tree
- A cedar, 7 ins. diam., bears S. 6° 30' W., 253 links  
distance, marked 1/4 S18 BT.
- At the corner point
- Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with aluminum cap marked:
- T19S R23E  
1/4  
S18 | S17  
1993
- Deposit the marked stone alongside the aluminum post.
- Raise a mound of stone west of the corner.
- 
- N. 0° 02' W., beginning new measurement.
- 39.90** The corner of sections 7, 8, 17, and 18, monumented with an iron post, 2 ins. diam., set, marked, and witnessed as described in the survey of the subdivision in 1909, from which the original bearing trees
- A cedar, 8 ins. diam., bears N. 72° 22' E., 134 links  
distance, marked T19S R23E S8 BT
- A cedar, 6 ins. diam., bears N. 34° 00' W., 96 links  
distance, marked T19S R23E S7 BT.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 89° 58' W., between sections 7 and 18.

Over rough and broken land.

40.04

The 1/4 section corner of sections 7 and 18, monumented with a sandstone 18x8x6 ins., firmly set, projecting 10 ins. above ground, plainly marked 1/4 on the N face.

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 3 1/2 ft. base to top, with aluminum cap marked:

	T19S R23E
1/4	<u>S7</u>
	S18
	1993

Deposit the marked stone alongside the aluminum post.

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N. 89° 59' W., beginning new measurement.

13.00

Ranch road, bears N and S.

23.00

Dirt road, Diamond Canyon to I-70, bears N and S.

23.50

Small creek in bottom of Diamond Canyon, drains S.

29.00

Trail road, bears N and S.

38.79

The corner of sections 7, 12, 13, and 18, hereinbefore described.

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

N. 0° 03' E., between sections 7 and 8.

Over rough and broken land.

40.35

The 1/4 section corner of sections 7 and 8, monumented with a sandstone, 17x6x3 ins., firmly set, projecting 10 ins. above ground, plainly marked 1/4 on the W face, from which the original bearing trees

A pinon, 12 ins. diam., bears N. 29° 00' E., 34 links  
distance, marked 1/4 S8 BT.

A cedar, 10 ins. diam., bears S. 32° 30' W., 68 1/2 links  
distance, marked 1/4 S7 BT.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

CHAINS

At the corner point

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground, in a mound of stone, 3 1/2 ft. base to top, with aluminum cap marked:

T19S R23E  
1/4  
S7 | S8  
1993

Deposit the marked stone alongside the aluminum post.

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N. 0° 05' W., beginning new measurement.

40.51

The corner of sections 5, 6, 7, and 8, monumented with an iron post, 2 ins. diam., set, marked, and witnessed as described in the survey of the subdivision of T. 19 S., R. 23 E. in 1909.

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S. 89° 31' W., between sections 6 and 7.

Over rough and broken land.

38.86

The 1/4 section corner of sections 6 and 7, monumented with a sandstone 26x13x3 ins., firmly set, projecting 16 ins. above ground, plainly marked 1/4 on the N face, from which the original bearing trees

A cedar, 7 ins. diam., bears S. 3° 40' W., 10 links  
distance, marked 1/4 S7 BT.

A cedar, 7 ins. diam., bears N. 70° 40' W., 74 1/2 links  
distance, marked 1/4 S6 BT.

At the corner point

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

T19S R23E  
1/4     S6  
         S7  
         1993

Deposit the marked stone alongside the aluminum post.

Raise a mound of stone north of the corner.

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

**CHAINS**

S. 89° 51' W., beginning new measurement.

**22.00** Small creek in bottom of Diamond Canyon, drains S.

**25.00** Dirt road, Diamond Canyon to I-70, bears N and S.

**39.86** The corner of sections 1, 6, 7, and 12, hereinbefore described.

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The Subdivision of Section 7,  
T. 19 S., R. 23 E., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 7 and 18.

N. 0° 49' E., on the N - S center line of section 7.

Over rough and broken land.

**20.08** Point for the center S 1/16 section corner of section 7.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with aluminum cap marked:

$$\begin{array}{c} \text{C} \\ \text{S } 1/16 \quad | \quad \text{S7} \\ \text{C} \\ 1993 \end{array}$$

**40.16** 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. diam., 6 ins. in the ground to bedrock, and in a mound of stone, 4 ft. base to top, with aluminum cap marked:

$$\begin{array}{c} \text{T19S R23E} \\ \text{C } 1/4 \text{ S7} \\ 1993 \end{array}$$

Corner is located under overhang of large boulder. Also mark a cross (+) at true point on top of overhang.

**80.52** The 1/4 section corner of sections 6 and 7.

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

S. 89° 45' W., on the E - W center line of section 7.

THE SUBDIVISION OF SECTION 7,  
T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

**CHAINS**

- Over rough and broken land.
- 39.50** The center 1/4 section corner of section 7.
- 67.00** Small creek in bottom of Diamond Canyon, drains S.
- 70.00** Dirt road, Diamond Canyon to I-70, bears N and S.
- 78.75** The 1/4 section corner of sections 7 and 12, hereinbefore described.
- 
- From the center S 1/16 section corner of section 7.
- S. 89° 53' W., on the E - W center line of the SW 1/4 of section 7.
- Over rough and broken land.
- 13.50** Ranch road, bears N and S.
- 19.00** Ranch road, bears NE and SW.
- 24.00** Small creek in bottom of Diamond Canyon, drains S.
- 25.50** Dirt road, Diamond Canyon to I-70, bears N and S.
- 39.02** The S 1/16 section corner of sections 7 and 12, hereinbefore described.
- 
- The Subdivision of Section 18,  
T. 19 S., R. 23 E., Salt Lake Meridian, Utah
- 
- From the 1/4 section corner of sections 18 and 19.
- N. 0° 07' W., on the N - S center line of section 18.
- Over rolling and broken land.
- 4.50** Cottonwood Wash, drains SE.
- 39.75** Trail road, bears NW and SE.
- 40.14** 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. diam., 24 ins. in the ground, and in a mound of stone to the west, with aluminum cap marked:

THE SUBDIVISION OF SECTION 18,  
T. 19 S., R. 23 E., SALT LAKE MERIDIAN, UTAH

**CHAINS**

T19S R23E  
C 1/4 S18  
1993

**80.17** The 1/4 section corner of sections 7 and 18.

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From the 1/4 section corner of sections 17 and 18.

S. 89° 51' W., on the E - W center line of section 18.

Over rolling and broken land.

**39.98** The center 1/4 section corner of section 18.

**68.00** Ranch road, bears N and S.

**69.50** Dirt road, bears NW and SE.

**72.00** Cottonwood Wash, drains S.

**78.88** The 1/4 section corner of section 13 and 18.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
Brandon Sanchez	Surveying Technician
Casey Toomer	Surveying Technician

## CERTIFICATE OF SURVEY

I, *Jerry L. Thomas, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *28th day of July, 1993*, I have *dependently resurveyed a portion of the west boundary, and a portion of the subdivisional lines and subdivided sections 7 and 18, in Township 19 South, Range 23 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.

April 10, 1997

Date

*Jerry L. Thomas*

(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 west boundary, and a portion of the subdivisional lines and the subdivision of sections 7 and 18, Township 19 South, Range 23 East, Salt Lake Meridian, Utah,*

executed by *Jerry L. Thomas, Cadastral Surveyor*

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

April 24, 1997

Date

*Daniel W. Webb*

(Chief Cadastral Surveyor for Utah)