

220

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

## FIELD NOTES

OF  
THE DEPENDENT RESURVEY OF  
A PORTION OF THE WEST BOUNDARY,  
A PORTION OF THE SUBDIVISIONAL LINES,  
AND THE  
SUBDIVISION OF SECTIONS 11 AND 14,

IN  
TOWNSHIP 15 SOUTH, RANGE 1 1/2 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Richard L. Houston*  
*Cadastral Surveyor*

Under special instructions dated *October 11, 1996*, approved *October 11, 1996*, which provided for the surveys included under Group Number 863, and assignment instructions dated *July 1, 1997*.

Survey commenced *July 7, 1997*  
Survey completed *August 20, 1997*

**INDEX DIAGRAM**

Township 15 South, Range 1 1/2 West

6	5	4	3	5 2 8 10	1
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18	17	16	15	2 14 5 8	13
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The Subdivision of Section 11.....Page 11  
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## TOWNSHIP 15 SOUTH, RANGE 1 1/2 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The following field notes describe the dependent resurvey of a portion of the west boundary, a portion of the subdivisional lines, and the subdivision of sections 11 and 14, Township 15 South, Range 1 1/2 West, Salt Lake Meridian, Utah.

**History of Surveys**

		Surveyed by	Retr. or Resurveyed by	
<b>SOUTH BOUNDARY (Third Standard Parallel South)</b>				
All	Stewart and Stewart	1898		
All			G.B. Hatch	1973-74
<b>EAST BOUNDARY</b>				
Portion	C. Mogo	1856		
All	Stewart and Stewart	1898	Stewart and Stewart	1898
<b>WEST BOUNDARY</b>				
All	F. Dickert	1871		
All			Stewart and Stewart	1898
Portion			G.B. Hatch	1973-74
<b>NORTH BOUNDARY</b>				
All	Stewart and Stewart	1898		
All			F.D. Reynolds	1993-94
<b>SUBDIVISION</b>				
All	Stewart and Stewart	1898		
Portion			A. Nelson	1961

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. 863 Utah, dated October 11, 1996.

The directions of lines were determined by reference to true meridians established on line by hour angle observations of the sun and Polaris. The lines were carried forward by sustained angulation, 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 evidence of the original field note record. The retracement data were thoroughly verified and only the true line notes are given herein.

## TOWNSHIP 15 SOUTH, RANGE 1 1/2 WEST, SALT LAKE MERIDIAN, UTAH

**CHAINS**

The geographic position of the section corner of sections 13, 14, 23, and 24 was determined by a combination of (G.P.S.) Global Positioning System and a conventional traverse tie to U.S.G.S. triangulation station "CAPPS", is:

Latitude: 39°29'52.539" N.                      Longitude: 112°00'06.554" W.  
N.A.D. 1983.

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1990, is 13 1/2°E.

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Dependent Resurvey of a Portion of the West Boundary,  
T. 15 S., R. 1 1/2 W. Salt Lake Meridian, Utah.

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Reestablishment of the Survey Executed by F. Dickert,  
Deputy Surveyor, in 1871, and the  
Resurvey Executed by S. Stewart and Stewart in 1898

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Beginning at the 1/4 section corner of section 24 only, T. 15 S., R. 2 W. monumented with a sandstone, 14x8x7 inches, firmly set, plainly marked 1/4 on the west face.

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:

T15S  
R2W R 1 1/2 W  
1/4 |  
S24 |  
1997

Deposit the marked stone alongside the aluminum post.

Set a steel T-Post alongside the aluminum post.

The corner is located on a gentle E slope, 10 links E of a four strand barbed wire fence, projecting N and S.

N. 0°04.4" W., along the east boundary of section 24, T. 15 S., R. 2 W..

Over gently rolling land.

**5.464** Intersection point for the closing corner of sections 14 and 23, hereinafter described in the field notes of the dependent resurvey of the subdivisional lines of T. 15 S., R. 1 1/2 W.

**40.230** Point for the corner of sections 13 and 24 only, at proportionate distance, utilizing the irregular boundary adjustment method. There is no remaining evidence of the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

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

T15S  
R2W R 1 1/2W  
S13 | S14  
S24 |  
1997

Corner is located 13.7 ft. west of 4 strand barbed wire fence, extending N and S and in the east half of an unimproved road, 10 ft. wide, that extends N and S.

N. 0° 25.6" E., on the east boundary of section 13.

- 5.050** Point for the 1/4 section corner of section 14 only, is at midpoint between closing corners, on the west boundary of section 14.

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

T15S  
R2W R 1 1/2W  
| 1/4  
| S14  
1997

- 39.080** Point for the 1/4 section corner of section 13 only, at proportionate distance, utilizing the irregular boundary adjustment method. There is no remaining evidence of the original corner.

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

T15S  
R2W R 1 1/2W  
1/4 |  
S13 |  
1997

Deposit magnet at base of aluminum post.

Set steel T-Post 1 ft. N of aluminum post.

Corner is located in abandoned dry farm area.

N. 0°18.8' E., beginning new measurement.

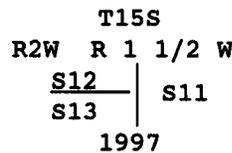
DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

**5.788** Intersection point for the closing corner of section 11 and 14, hereinafter described in the field notes of the dependent resurvey of the subdivisional lines of T. 15 S., R. 1 1/2 W.

**40.482** Point for the corner of section 12 and 13 only, at proportionate distance, utilizing the irregular boundary adjustment method. There is no remaining evidence of the original corner.

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



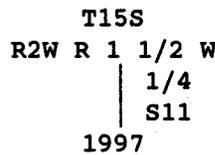
Set steel T-post, 1 ft. N of aluminum post.

Corner is located on a slight westerly slope, in abandoned dry farm area.

N. 0°14.9' E., on the east boundary of section 12.

**5.239** Point for the 1/4 section corner of section 11 only, is at midpoint between closing corners, and on the west boundary of section 11.

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

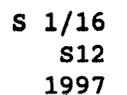


Deposit magnet at base of aluminum post.

Set steel T-Post 1 ft. N of aluminum post.

**20.041** Point for the S 1/16 section corner of section 12 only.

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



Set steel T-Post 1 ft. N of aluminum post.

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,  
T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

Raise a mound of stone, 3 ft. base, 2 ft. high, SW of corner.

Corner is located in a dry farm area, and 5.5 ft. N of a four strand barbed wire fence, laying on the ground, fence extends E and W.

- 40.082** Point for the 1/4 section corner for section 12 only, at proportionate distance; utilizing irregular boundary adjustment method. There is no remaining evidence of the original corner.

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

T15S  
R 2 W R 1 1/2W  
1/4 |  
S12 |  
1997

Set steel T-Post 1 ft. N of aluminum post.

Corner is located in a dry farm area, in gently rolling land.

- 45.172** The closing corner of sections 2 and 11, T. 15 S., R. 1 1/2 W., monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 6 inches above ground, with a steel T-Post alongside, with aluminum cap marked as described in the official records of the 1993 resurvey of T. 14 S., R. 1 W., Group 797.

Corner is located in a dry farm area, in gently rolling land.

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N. 0°20.5' E., beginning new measurement.

Over gently rolling, dry farm land.

- 35.121** Point for the corner of sections 1 and 12 only, as indicated but not monumented in the official record of the 1993 resurvey of T. 14 S., R.1 W., Group 797 Utah. Not monumented.

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Dependent Resurvey of a Portion of the Subdivisional  
Lines, T. 15 S., R. 11/2W. Salt Lake Meridian, Utah.

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Restoring the Survey Executed by Stewart and Stewart,  
U.S. Deputy Surveyors, in 1898

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DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

From the corner of sections 13, 14, 23, and 24, monumented with a quartzite stone, 12x12x6 inches, exposed 6 inches above ground plainly marked 1 notch on the east and 3 notches on the south edges, from which the original bearing tree.

A cedar, 9 inches diameter, bears S. 55° E, 152 links distance, with the blaze burned, no marks legible.

At the corner point

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

T15S R 1 1/2W			
S14	S13		
S23	S24		
1997			

Deposit marked stone alongside aluminum post.

Raise a mound of stone, 2 1/2 ft. base, 2 ft. high, W of corner.

Corner is located 8 inches S of fence, that bears N. 13° 1/2' E. and S. 13° 1/2' W., and near the bottom of a draw that drains SW.

N. 0° 12'0" W., between sections 13 and 14.

**39.951** Point for the 1/4 section corner of section 13 and 14, at proportionate distance; there is no remaining evidence of the original corner.

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

T15S R 1 1/2W			
1/4			
S14	S13		
S14	S13		
1997			

Raise a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, W of corner.

**79.902** The corner of sections 11, 12, 13, and 14, monumented with trachyte stone, 18x9x6 inches, 1 notch on the east, 4 notches on the south edges, laying loose, near a scattered mound.

This position is harmoniously related to the original topo calls as described in the original 1898 field notes. Corner point is accepted as a found trachyte position.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 12 inches in the ground to bedrock, in a mound of stone, 4 ft. base, to top aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

## CHAINS

T15S R 1 1/2 W	
S11	S12
S14	S13
1997	

Deposit the marked stone alongside aluminum post.

Set steel T-Post 3 ft. N of aluminum post.

Corner is located on steep west slope of a small ridge.

N. 0° 14.8' E., between sections 11 and 12.

**40.139** Point for the 1/4 section corner of sections 11 and 12, at proportionate distance; there is no remaining evidence of the original corner.

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

T15S R 1 1/2W	
1/4	
S11	S12
1997	

Raise mound of stone, 3 ft. base, 2 1/2 ft. high, N of corner.

Set steel T-post 8 inches N of aluminum post.

Corner is located on a rock scattered, west slope.

**80.278** The corner of sections 1, 2, 11, and 12, monumented with a sandstone, 15x10x6 inches, firmly set, marked 5 notches on the S edge and 1 notch on the N edge.

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:

T15S R 1 1/2W	
S2	S1
S11	S12
1997	

Deposit marked stone alongside aluminum post.

Set a steel T-Post 3 ft. N of aluminum post.

Raise mound of stone, 3 ft base, 2 ft. high, W of corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Set steel T-Post alongside aluminum post.

Corner is located on weed covered NW slope.

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N. 0°28.0 W., between sections 1 and 2.

**40.065** The 1/4 section corner of sections 1 and 2, monumented with a sandstone, 12x10x7 inches, firmly set, marked 1/4 on the W face.

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:

T15S R 1 1/2W  
1/4  
S 2 | S1  
1997

Deposit marked stone alongside aluminum post.

Set steel T-Post alongside aluminum post.

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From the corner of sections 13, 14, 23, and 24.

N. 89°47.7 W., between sections 14 and 23.

**40.208** The 1/4 section corner of sections 14 and 23, monumented with a sandstone, 16x8x5 inches (record, (18x8x5 inches) projecting 10 inches above ground, firmly set, plainly marked 1/4 on the N face, small mound N of corner.

At the corner point

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

T15S R 1 1/2W  
1/4     S14  
          S23  
          1997

Deposit marked stone alongside aluminum post.

Rebuild the mound, 3 ft. base, 2 ft. high, north of corner.

Set steel T-Post 1 ft. E of corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

Corner is located 23 ft. W of top of ridge, that bears N and S.

S. 89°43.8' W. beginning new measurement.

**16.213** Intersect the E boundary of section 24, T. 15 S., R. 2 W.

Point for the closing corner of sections 14 and 23.

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

	T15S	
R 2 W		R 1 1/2W
S24		S14
		S23
		CC
		1997

Set steel T-Post 1 ft. N of corner.

Corner is located 2.3 ft. W of a 4 strand barbed wire fence, that extends N and S, in abandoned dry farm area.

**16.252** The original closing corner of sections 14 and 23, monumented with a sandstone, 18x10x5 inches, firmly set, marked CC on the E face, 3 notches on the N, and 3 notches on the S edges; I added the marks AM on the top, and bury the stone in place.

From the corner of sections 11, 12, 13, and 14.

S. 89°47.8' W., between sections 11 and 14.

**19.676** Point for E 1/16 section corner of sections 11 and 14.

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

	T15S	R 1 1/2W
E 1/16		S11
		S14
		1997

Set steel T-post 1 ft. N of corner.

Corner is located in an abandoned dry farm area, on a gradual westerly slope.

**39.352** Point for the 1/4 section corner of sections 11 and 14, at proportionate distance; there is no remaining evidence of the original corner.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

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

T15S R 1 1/2W  
1/4      $\frac{S11}{S14}$   
1997

Set steel T-Post 1 ft. N of corner.

Corner is located in abandoned dry farm area, on a gradual westerly slope.

**55.762** The original closing corner of sections 11 and 14, monumented with a sandstone, 12x8x5 inches, firmly set, projecting 8 inches above ground, marked CC on E face, 2 notches on N face, and 4 notches on S face, I added the marks AM on the top, and buried the stone in place.

**55.852** Intersect the east boundary of section 13, T. 15 S., R. 2 W.

Point for the closing corner of section 11 and 14.

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

T15S  
R2W R 1 1/2 W  
S13      $\frac{S11}{S14}$      CC  
1997

Set steel T-post 1 ft. N of corner.

Corner is located in abandoned dry farm area, on a gradual westerly slope.

From the corner of sections 1, 2, 11, and 12.

S. 89°22.5' W., between sections 2 and 11.

**20.056** Point for the E 1/16 section corner of sections 2 and 11.

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

T15S R 1 1/2 W  
E 1/16      $\frac{S2}{S11}$   
1997

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL  
LINES, T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

Set steel T-Post 1 ft. N of corner.

Corner is located in abandoned dry farm area.

**40.112** Point for the 1/4 section corner of sections 2 and 11, at proportionate distance; there is no remaining evidence of the original corner.

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

T15S R 1 1/2 W  
1/4     S2  
          S11  
          1997

Set steel T-Post 1 ft. N of corner.

Corner is located on a gradual west slope.

**55.808** The closing corner of sections 2 and 11, heretofore described.

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Subdivision of Section 11,  
T. 15 S., R. 1 1/2 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 11 and 14.

N. 0°18.0' W., on the N-S center line of section 11.

Over nearly level land.

**39.991** Point for the center 1/4 section corner of section 11, at intersection with the E-W center line.

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

T15S R 1 1/2 W  
C 1/4  
          S11  
          1997

Set steel T-Post 1 ft. N of aluminum post.

**79.978** The 1/4 section corner of sections 2 and 11.

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SUBDIVISION OF SECTION 11,  
T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

- From the 1/4 section corner of sections 11 and 12.  
S. 89°35.2' W., on the E-W center line of section 11.
- 19.867** Point for the center E 1/16 section corner of section 11.  
Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:
- $$C \quad \frac{E \ 1/16}{S11} \quad C$$
- 1997
- Set steel T-Post 1 link N of aluminum post.  
Raise mound of stone, 2 1/2 ft. base, 2 ft. high, N of corner.
- 39.734** The center 1/4 section corner of section 11.
- 55.817** The 1/4 section corner of section 11 only, heretofore described.
- 
- From the center E 1/16 section corner of section 11.  
N. 0° 01.3' W., on the N-S center line of the NE 1/4 of section 11.
- 40.062** The E 1/16 section corner of sections 2 and 11.
- 
- From the E 1/16 section corner of sections 11 and 14.  
N. 0°01.3' W., on the N-S center line of the SE 1/4 of section 11.
- 40.064** The center E 1/16 section corner of section 11.
- 
- Subdivision of Section 14,  
T. 15 S., R. 1 1/2 W., Salt Lake Meridian, Utah
- 
- From the 1/4 section corner of sections 14 and 23.  
N. 0°24.7' E., on the N-S center line of section 14.
- 39.762** Point for the center 1/4 section corner of section 14, at intersection with the E-W center line.  
Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked:

SUBDIVISION OF SECTION 14,  
T. 15 S., R. 1 1/2 W., SALT LAKE MERIDIAN, UTAH

**CHAINS**

T15S R 1 1/2 W  
C 1/4  
S14  
1997

Set steel T-Post 1 ft. N of aluminum post.

Corner is located on a rolling westerly hillside.

**79.620** The 1/4 section corner of sections 11 and 14.

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From the 1/4 section corner of sections 13 and 14.

S. 89°56.0' W., on the E-W center line of section 14.

**19.889** Point for the center E 1/16 section corner of section 14.

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

c  $\frac{\text{E } 1/16}{\text{S14}}$  c  
1997

Set steel T-Post 1 ft. N of aluminum post.

Corner is located 60 ft. N of a wash, that drains W.

**39.778** The center 1/4 section corner of section 14.

**56.276** The 1/4 section corner of section 14 only, heretofore described.

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From the center E 1/16 section corner of section 14.

N. 0°06.2' E., on the N-S center line of the NE 1/4 of section 14.

**39.903** The E 1/16 section corner of sections 11 and 14.

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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

---

Name	Capacity
Caleb Taylor	Survey Aid
Steve Oatman	Survey Technician

## CERTIFICATE OF SURVEY

I, *Richard L. Houston, Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *11th day of October, 1996*, I have *dependently resurveyed a portion of the west boundary, a portion of the subdivisional lines, and the subdivision of sections 11 and 14, in Township 15 South, Range 1 1/2 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.

July 23, 1998

Date

Richard Houston

(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, a portion of the subdivisional lines, and the subdivision of sections 11 and 14, in Township 15 South, Range 1 1/2 West, Salt Lake Meridian, Utah,*

executed by *Richard L. Houston, Cadastral Surveyor*

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

February 1, 1999

Date

Daniel W. Welch

(Chief Cadastral Surveyor for Utah)