

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 THE NORTH HALF OF SECTION 28

IN

TOWNSHIP 26 SOUTH, RANGE 22 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jerry L. Thomas
Cadastral Surveyor

Under special instructions dated *May 18, 1998*, approved *May 18, 1998*, which provided for the surveys included under Group Number *884*, and assignment instructions dated *May 29, 1998*

Survey commenced *June 18, 1998*
Survey completed *June 23, 1998*

INDEX DIAGRAM

Township 26 South, Range 22 East

6	5	4	3	2	1
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TOWNSHIP 26 SOUTH, RANGE 22 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, and the subdivision of the north half of section 28, in Township 26 South, Range 22 East, Salt Lake Meridian, Utah.

History of Surveys

		Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY					
Portion		F.T. Baxter	1894		
All		Stewart & Anderson	1911	Stewart & Anderson	1911
EAST BOUNDARY					
Portion		F.T. Baxter	1894		
Portion		H.D. Page	1902		
WEST BOUNDARY					
Portion		F. Dickert	1878		
Portion		E. Buettner	1880		
Portion		J.W. Dougall	1912	J.W. Dougall	1911
Portion				R. Gentry	1926
Portion				R.A. Zaninovich	1984
NORTH BOUNDARY (Fifth Standard Parallel South)					
All		F. Dickert	1878		
All				E.A. Anderson	1911
Portion				R.A. Zaninovich	1984
SUBDIVISION					
Portion		F. Dickert	1878		
Portion		E. Buettner	1880		
Portion		F.T. Baxter	1894	F.T. Baxter	1894
Portion		J.W. Dougall	1912	J.W. Dougall	1912
Portion				K.F. Hansen	1955
Portion				C.P. Sylvester	1963
Portion				R.A. Zaninovich	1984

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group 884, Utah, dated May 18, 1998.

TOWNSHIP 26 SOUTH, RANGE 22 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

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 corner of sections 21, 22, 27, and 28, was determined by a tie to the B.L.M. Control Station at the 1/4 section corner of sections 7 and 8, T. 27 S., R. 23 E., by Global Positioning System (G.P.S.), using relative positioning techniques, is as follows:

Latitude 38° 31' 11.347" N. Longitude 109° 29' 49.083" W.
N.A.D. 1983.

The mean magnetic declination as projected for the U.S. Geological Survey "Magnetic Declination Map of 1990" is 12 1/2° E.

Dependent Resurvey of a Portion of the Subdivisional
Lines, T. 26 S., R. 22 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J. W. Dougall in 1912

Beginning at the 1/4 section corner of section 28 only, on the east boundary, monumented with an iron post, 1 inch diameter, firmly set, projecting 6 ins. above mound of stone, with brass cap marked as described in the official record of the 1912 survey.

N. 0° 09.7' W., on the east boundary of section 28.

Over rolling and broken land.

20.057 Point for the N 1/16 section corner of section 28 only, on the east boundary.

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

N 1/16 |
S28 |
1998

From this corner point, a private survey marker, monumented with a rebar, 5/8 inches diameter, with yellow plastic cap marked L.S. 8069, bears east, 2 links distance.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 26 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS**40.596**

The corner of sections 21, 22, 27, and 28, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with brass cap marked as described in the official record of the 1955 survey.

From the witness 1/4 section corner of sections 28 and 29, monumented with an iron post, 1 inch diameter, firmly set, in a mound of stone, 4 ft. base, 2 ft. high to cap, with brass cap marked as described in the official record of the 1912 survey.

Corner is located on rim of high ledge, overlooking Spanish Valley.

N. 0° 07.5' W., between sections 28 and 29.

Descend over high sandstone ledge.

11.099

Point for the 1/4 section corner of section 29 only, on the east boundary, at proportionate distance, falls on steep broken ledge and unable to monument.

11.248

Point for the 1/4 section corner of section 28 only, on the west boundary, at proportionate distance, falls on steep broken ledges and unable to monument.

21.184

Point for the S-N 1/64 section corner of section 28 only, on the west boundary, falls on steep slope of sandstone ledge. At this point, I chiseled a cross (X) 1/4 inch deep.

Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, south of the corner point.

It is impossible to set a witness corner within limits.

31.120

Point for the N 1/16 section corner of section 28 only, on the west boundary.

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

N 1/16
S 28
1998

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

50.694

The closing corner of sections 20 and 29, is determined at record bearing and distance from the remaining bearing tree.

A cedar, 10 inches diameter, bears S. 17° W., 1.060 chains distance,
marked CC T26S R22E S29 BT.

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, with aluminum cap marked:

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 26 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T26S R22E	
S20 C	S28
S29 C	
1998	

- 51.698** The corner of sections 21 and 28 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 4 inches above mound of stone, with brass cap marked as described in the official record of the 1912 survey.

Reestablishment of the Survey Executed by F.T. Baxter in 1894,
the Resurvey Executed by J.W. Dougall in 1912,
and the Retracement Executed by K.F. Hansen in 1955

From the corner of sections 21, 22, 27, and 28.

S. 89° 39.9' W., between sections 21 and 28.

Over rolling land.

- 20.016** Point for the E 1/16 section corner of sections 21 and 28; not monumented.

- 39.431** The corner of sections 21 and 28 only.

The Subdivision of the North Half of Section 28,
T. 26 S., R. 22 E., Salt Lake Meridian, Utah

From the 1/4 section corner of section 28 only, on the east boundary.

S. 89° 53.1' W., on the E - W center line of section 28.

Over rolling and broken land.

- 20.028** Point for the center E 1/16 section corner of section 28.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 14 inches in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

C	E 1/16	C
	S28	
	1998	

- 30.042** Point for the center W-E 1/64 section corner of section 28; not monumented.

- 39.459** True point for the 1/4 section corner of section 28 only, on the west boundary.
-

THE SUBDIVISION OF THE NORTH HALF OF SECTION 28,
T. 26 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the center E 1/16 section corner of section 28.

N. 0° 08.9' W., on the N - S center line of the NE 1/4 of section 28.

Over rolling land.

4.990 True point for the center S-S-NE 1/256 section corner of section 28, falls on steep ledge and cannot be monumented.

5.560 Point selected for the witness center S-S-NE 1/256 section corner of section 28.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 10 inches in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

WC
↓
C-S-S-NE 1/256
S28
1998

9.980 Point for the center S-NE 1/64 section corner of section 28; not monumented.

19.960 Point for the NE 1/16 section corner of section 28, at intersection with the E - W center line of the NE 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 16 inches in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

NE 1/16 S28
1998

40.518 Point for the E 1/16 section corner of sections 21 and 28.

From the N 1/16 section corner of section 28 only, on the east boundary.

S. 89° 36.4' W., on the E - W center line of the NE 1/4 of section 28.

Over rolling land.

20.022 The NE 1/16 section corner of section 28.

30.033 Point for the center W-NE 1/64 section corner of section 28; not monumented.

39.445 The N 1/16 section corner of section 28 only, on the west boundary.

THE SUBDIVISION OF THE NORTH HALF OF SECTION 28,
T. 26 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the point for the center W- E 1/64 section corner of section 28.

N. 0° 08.3' W., on the N - S center line of the SW 1/4 of the NE 1/4 of section 28.

Over rough and broken land.

4.979 True point for the center S-SW-NE 1/256 section corner of section 28, falls on steep ledge and cannot be monumented.

Witness corner here-in-after described.

9.958 Point for the SW-NE 1/64 section corner of section 28, at intersection with the E - W center line of the SW 1/4 of the NE 1/4.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 16 inches in the ground to bedrock, in a mound of stone, 4 ft. base to top, with aluminum cap marked:

SW-NE 1/64
S28
1998

19.916 Point for the center W-NE 1/64 section corner of section 28.

From the point for the center S-NE 1/64 section corner of section 28.

S. 89° 44.4' W., on the E - W center line of the SW 1/4 of the NE 1/4 of section 28.

Over rolling and broken land.

10.012 The SW-NE 1/64 section corner of section 28.

19.426 The S-N 1/64 section corner of section 28 only, on the west boundary.

From true point for the center S-S-NE 1/256 section corner of section 28.

S. 89° 48.2' W., on the E - W center line of the SE 1/4 of the SW 1/4 of the NE 1/4 of section 28.

Over rough and broken land.

9.913 Point selected for the witness center S-SW-NE 1/256 section corner of section 28.

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, with aluminum cap marked:

THE SUBDIVISION OF THE NORTH HALF OF SECTION 28,
T. 26 S., R. 22 E., SALT LAKE MERIDIAN, UTAH

CHAINS

WC



C-S-SW-NE 1/256

S28

1998

10.013 True point for the center S-SW-NE 1/256 section corner of section 28.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Brandon Sanchez	Surveying Technician
Brandi Profaizer	Survey Aid

CERTIFICATE OF SURVEY

I, **Jerry L. Thomas, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *18th day of May, 1998*, I have *dependently resurveyed a portion of the subdivisional lines, and the subdivision of the north half of section 28, in Township 26 South, Range 22 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.

May 1, 2001

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 subdivisional lines, and the subdivision of the north half of section 28, in Township 26 South, Range 22 East, Salt Lake Meridian, Utah,*

executed by *Jerry L. Thomas, Cadastral Surveyor*

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

June 07, 2001

Date

Daniel W. Webb

(Chief Cadastral Surveyor for Utah)