

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 NORTH BOUNDARY,
AND A
PORTION OF THE SUBDIVISIONAL LINES

IN
TOWNSHIP 38 SOUTH, RANGE 2 WEST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under special instructions dated *August 31, 2000*, approved *August 31, 2000*, which provided for the surveys included under Group Number *920*, and assignment instructions dated *August 31, 2000*.

Survey commenced *March 26, 1997*
Survey completed *September 6, 2000*

INDEX DIAGRAM

Township 38 South, Range 2 West

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TOWNSHIP 38 SOUTH, RANGE 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 north boundary, and a portion of the subdivisional lines, in Township 38 South, Range 2 West, Salt Lake Meridian, Utah.

History of Surveys

Surveyed by		Retr. or Resurveyed by		
SOUTH BOUNDARY				
Portion	A.B. Lewis	1897		
All	D.A. Cannon	1959	D.A. Cannon	1959
EAST BOUNDARY				
All	A.B. Lewis	1897		
WEST BOUNDARY				
Portion	A.B. Lewis	1897		
Portion	J.H. Clark	1904		
Portion			D.A. Cannon	1959
NORTH BOUNDARY				
All	A.B. Lewis	1897		
Portion			W.H. Sylvester	1960
Portion			F.D. Reynolds	1976
SUBDIVISION				
Portion	A.B. Lewis	1897		
Portion	D.A. Cannon	1959	D.A. Cannon	1959
Portion			W.H. Sylvester	1960

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group No. 920, dated August 31, 2000.

The directions of a portion of the lines were determined by hour angle observations of the sun, and carried forward by sustained angulation. Distances were determined by electronic measurement. Also the directions and distances of a portion of the lines were determined by the use of Global Positioning System (G.P.S.) using relative positioning techniques.

TOWNSHIP 38 SOUTH, RANGE 2 WEST, SALT LAKE MERIDIAN, UTAH

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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 corner of Tps. 37 and 38 S., Rs. 2 and 3 W., S.L.M., which will also function as a B.L.M. Control Station, was determined by a tie to National Geodetic Survey triangulation station "TROPIC" by using G.P.S. relative positioning techniques, is as follows:

Latitude 37° 32' 08.960" N. Longitude 112° 03' 20.234" W.
N.A.D. 1983 Elevation 5794 ft.

The geographic position of National Geodetic Survey triangulation station "TROPIC", is as follows:

Latitude 37° 38' 05.03467" N. Longitude 112° 04' 28.28216" W.
N.A.D. 1983 (1986) Elevation 6424 ft.

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

Dependent Resurvey of a Portion of the West Boundary,
T. 38 S., R. 2 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.B. Lewis in 1897

Beginning at the point for the corner of sections 1, 6, 7, and 12, on the west boundary of the township, as determined from 2 bearing trees and a stump hole.

A cedar, 18 inches diameter, with scribe marks visible in partly healed blaze, bears N. 5° E., 167 links distance.

A cedar, 18 inches diameter, marked T38S R2W S6 BT, bears N. 72° E., 200 links distance.

A stump hole only, bears S. 44 3/4° W., 202 links distance.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with aluminum cap marked:

T38S	
R3W R2W	
S1	S6
S12	S7
1997	

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
T. 38 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0° 05.6' W., between sections 1 and 6, on the west boundary of the township.

40.192 The 1/4 section corner of sections 1 and 6, determined from the 1897 trees:

A cedar, 16 inches diameter, marked 1/4 S BT on an open blaze,
bears N. 17° E., 124 links distance.

A pine, 14 inches diameter, dead and standing, marked 1/4 S BT
on an open blaze, bears S. 69° W., 86 links distance.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with
aluminum cap marked:

T38S
R3W R2W
1/4
S1 | S6
1997

From this corner, a sandstone, 20x12x4 inches, firmly set 12 inches in the ground and
marked with 1/4 on the west face, bears S. 79° 37.2' E., 471.1 links distance.

I marked the sandstone AM and buried it in place.

This corner was not used in this survey because it does not harmoniously relate to
other corners and evidence.

Dependent Resurvey of a Portion of the North Boundary,
T. 38 S., R. 2 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.B. Lewis in 1897,
and the Resurvey Executed by W. H. Sylvester in 1960

From the corner of sections 5, 6, 31, and 32, on the north boundary of the township,
monumented with an iron post, 2 1/2 inches diameter, firmly set in a mound of stone, 3
ft. base to top of brass cap, marked as described in the official record of the 1960
resurvey.

N. 89° 36.9' W., between sections 6 and 31.

38.904 Point for the 1/4 section corner of sections 6 and 31, at proportionate distance; there is
no remaining evidence of the original corner; falls in a cultivated field and is not
monumented.

76.184 The corner of Tps. 37 and 38 S., Rs. 2 and 3 W., monumented with an iron post, 2 1/2
inches diameter, exposed 8 inches above ground, with brass cap marked as described
in the official record of the 1960 resurvey.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 38 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

From this corner, the 1/4 section corner of sections 1 and 6, on the west boundary of the township, bears S. 3° 31.4' W., 40.284 chains distance.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 38 S., R. 2 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.B. Lewis in 1897

From the 1/4 section corner of sections 7 and 8, monumented with a sandstone 17x14x4 inches, firmly set, marked with a 1/4 on W face.

From which

A cedar, 12 inches diameter, dead and standing, marked 1/4 S BT on an open blaze, bears S. 42° W., 95.0 links distance. (Record, S. 38° W., 93 links.)

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with aluminum cap marked:

T38S R2W
1/4
S7 | S8
1997

Deposit the sandstone alongside the aluminum post.

Set a steel fence post, 2 links north of the aluminum post.

Raise a mound of stone, 3 ft. base by 2 ft. high, west of the corner.

N. 0° 15.8' W., between sections 7 and 8.

40.072 Point for the corner of sections 5, 6, 7, and 8, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 22 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top of aluminum cap, marked:

T38S R2W
S6 | S5
S7 | S8
2000

Corner is located on steep SW slope in juniper and pines.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 38 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

From the 1/4 section corner of sections 5 and 8, monumented with a sandstone, 12x8x6 inches, firmly set and marked with 1/4 on north face.

From which 2 bearing trees (not of record):

A cedar, 18 inches diameter, marked 1/4 S BT on an open blaze, bears S. 41° W., 61.5 links distance.

A cedar, 12 inches diameter, marked 1/4 S BT on an open blaze, bears N. 67° W., 73.9 links distance.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 24 ins. in the ground to bedrock, and in a collar of stone, with aluminum cap marked:

T38S R2W
1/4 $\frac{S5}{S8}$
1997

Deposit the sandstone alongside the aluminum post.

N. 89° 45.1' W., between sections 5 and 8.

39.868 The corner of sections 5, 6, 7, and 8.

N. 89° 58.5' W., between sections 6 and 7.

39.868 Point for the 1/4 section corner of sections 6 and 7, at proportionate distance; there is no remaining evidence of the original sandstone, or mound of earth. This point falls in a cultivated field and is not monumented.

78.152 The corner of sections 1, 6, 7, and 12, on the west boundary of the township, hereinbefore described.

From the corner of sections 5, 6, 7, and 8.

N. 0° 44.4' E., between sections 5 and 6.

40.075 True point for the 1/4 section corner of sections 5 and 6.

From this true point, the witness 1/4 section corner, monumented with an unmarked sandstone, 17x12x8 inches, firmly set, bears WEST, 12.700 chains distance.

From which:

A cedar, 16 inches diameter, dead and down, dimly scribed, marks visible, bears N. 70° E., 18.2 links distance. (Record, N. 71 1/2° E., 18 links.)

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 38 S., R. 2 W., SALT LAKE MERIDIAN, UTAH

CHAINS

A cedar, 18 inches diameter, marked WC 1/4 S BT, on an open blaze, bears S. 83° W., 48.8 links distance. (Record, S. 82 2/3° W., 49 links.)

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with aluminum cap marked:

$$\begin{array}{c} \text{T38S R2W} \\ \quad \quad \quad 1/4 \\ \quad \quad \quad | \\ \text{S6} \quad \quad | \quad \frac{\text{WC}}{\text{S5}} \rightarrow \\ \quad \quad \quad 1997 \end{array}$$

Deposit the unmarked sandstone alongside the aluminum post.

Raise a mound of stone, 3 ft. base by 2 ft. high, west of the corner.

N. 0° 05.5' W., beginning new measurement.

39.848 The corner of sections 5, 6, 31, and 32, on the north boundary of the township, hereinbefore described.

UNITED STATES
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FIELD ASSISTANTS

Name	Capacity
M. Ross Workman	Cadastral Surveyor

CERTIFICATE OF SURVEY

I, **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *31st day of August, 2000*, I have *dependently resurveyed a portion of the west boundary, a portion of the north boundary, and a portion of the subdivisional lines, in Township 38 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.

Nov. 6, 2000

Date

Ronald K Baugh

(Supervisory 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 north boundary, and a portion of the subdivisional lines, in Township 38 South, Range 2 West, Salt Lake Meridian, Utah*,

executed by **Ronald K. Baugh**, *Supervisory Cadastral Surveyor*

having been critically examined and found correct, are hereby approved

Nov. 16, 2000

Date

Damie W. Webb

(Chief Cadastral Surveyor for Utah)