

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF  
A PORTION OF THE NORTH BOUNDARY,  
A PORTION OF THE SUBDIVISIONAL LINES

AND

THE SUBDIVISION OF SECTION 3

IN

TOWNSHIP 37 SOUTH, RANGE 3 WEST

OF THE SALT LAKE MERIDIAN  
IN THE STATE OF UTAH

EXECUTED BY

*Larry V. Judd*  
*Cadastral Surveyor*

Under special instructions dated **April 17, 2001**, approved **April 17, 2001**,  
which provided for the surveys included under Group Number **930**, and  
assignment instructions dated **April 17, 2001**

Survey commenced **April 24, 2001**  
Survey completed **April 30, 2001**

# INDEX DIAGRAM

Township 37 South , Range 3 West

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**TOWNSHIP 37 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH**

The following field notes are those of the dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines and the subdivision of section 3, in Township 37 South, Range 3 West, Salt Lake Meridian, Utah.

**History of Surveys**

<b>Surveyed by</b>			<b>Retr. or Resurveyed by</b>	
<b>SOUTH BOUNDARY</b>				
All	J.C. Clark	1904		
Portion			F.D. Reynolds	1976-77
<b>EAST BOUNDARY</b>				
All	A.B. Lewis	1897		
Portion			J.C. Clark	1904
All			F.D. Reynolds	1976-77
<b>WEST BOUNDARY ( Emery Valley Guide Meridian )</b>				
All	J.C. Clark	1904		
Portion			Bird and Nelson	1944
<b>NORTH BOUNDARY</b>				
All	A.B. Lewis	1897		
Portion			E. Bird	1933
Portion			F.D. Reynolds	1976-77
<b>SUBDIVISION</b>				
Portion	J.C. Clark	1904		
Portion			F.D. Reynolds	1976-77
Portion			R.A. Zaninovich	1987

**PRIVATE SURVEYS**

Baldwin and Associates surveying of Panguitch Utah, executed a survey in section 3, in 1999.

Sunrise Engineering Inc. of Fillmore Utah, executed a survey in section 3, in 1998.

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. 930, Utah, dated April 17, 2001.

The directions of lines were determined by references to true meridians established by the Global Positioning System, utilizing Real Time Kinematic (RTK) survey techniques observed with Trimble 4700 model Global Positioning System receivers along with Pacific Crest radios.

Preliminary to the resurvey, and survey, the lines of the prior surveys were retraced and a diligent search was made for all corners and other calls of record. Identified corners were remonumented in their original

## TOWNSHIP 37 SOUTH, RANGE 3 WEST, SALT LAKE MERIDIAN, UTAH

positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from National Geodetic Survey triangulation station "BRYCE", a Cooperate Base Network Control Station with the published data as follows:

Latitude 37° 42' 14.14313" N. Longitude 112° 09' 13.83188"W.  
Elevation 2328.8 meters  
N.A.D. 1983 (1994)

An additional tie was also made to National Geodetic Survey triangulation station "TROPIC".

The geographic position of the 1/4 section corner of sections 2 and 3, as determined by a tie made to National Geodetic Survey triangulation station "BRYCE", is as follows:

Latitude 37° 36' 56.360" N. Longitude 112° 05' 32.815" W.  
N.A.D. 1983

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

Chains

Dependent Resurvey of a Portion of the North Boundary,  
T. 37 S., R. 3 W., Salt Lake Meridian, Utah.

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Reestablishment of the Survey Executed by  
A.B. Lewis in 1897 and the Resurvey by E. Bird in 1933

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Beginning at the corner of sections 2, 3, 34 and 35, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above ground, with the brass cap marked as described in the official record of the resurvey by E. Bird in 1933.

The monument falls in a fence line projecting north and south.

From this monument:

National Geodetic Survey triangulation station " BRYCE ", monumented with a standard USGS brass tablet stamped BRYCE 1971, bears N. 31° 01' 47" W., forward bearing and S. 31° 04' 02" E., back bearing, 523.134 chains distance.

And also from this same monument:

National Geodetic Survey triangulation station " TROPIC", monumented with a standard USGS brass tablet stamped TROPIC, bears N. 49° 43' 54" E., forward bearing and S. 49° 44' 33" W., back bearing, 102.535 chains distance.

S. 89° 48.6' W., between sections 3 and 34.

**19.986** Point for the E 1/16 section corner of sections 3 and 34.

Set a Bathy brand T - iron, 18 inches long, 17 inches in the ground.

The monument falls within a rock garden area of a private residence, 0.20 feet north of the base of a tree, 10 inches diameter, approximately 15 feet high, and 6 feet north of a chain link fence, projecting east and west.

**39.972** The 1/4 section corner of sections 3 and 34, monumented with an iron post, 1 inch diameter, firmly set, projecting 3 inches above ground, with the brass cap marked as described in the official record of the resurvey by E. Bird in 1933.

From which the original bearing tree

A juniper, 22 inches diameter, scribed 1/4 S34 BT bears N. 27° 48' E., 2.287 chains distance.

No remaining evidence of the SW bearing tree was found.

The monument falls, 1 ½ feet south of the center of a power pole, and 4 feet north of and old fence line, projecting east and west.

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DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

Chains

S. 89° 53.8' W., beginning new measurement

19.982 Point for the W 1/16 section corner of sections 3 and 34.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with the brass cap marked:

T36S  
W1/16 S34  
S3  
T37S R3W  
2001

Deposit a magnet enclosed in an orange plastic case, at the base of the stainless steel post.

Set a steel fence post alongside the stainless steel post.

The monument falls within an area of disturbance, approximately 35 to 40 feet wide in a north and south direction, and 15 to 30 feet wide in a east and west direction.

From this monument, the lid of a manhole, 2.05 feet diameter, bears N. 24° 44.5' W., 14.06 feet distance. The point tied was the letter "W", of the word SEWER stamped into the lid cover.

39.964 The corner of sections, 3, 4, 33 and 34, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above ground, with the brass cap marked as described in the official record of the resurvey by E. Bird in 1933.

From which the original bearing trees.

A pinon, 24 inches diameter, with full scribe marks bears N. 71° 53' E., 2.546 chains distance.

A juniper, 16 inches diameter, with full scribe marks bears S. 84° 52' E., 1.407 chains distance.

The SW bearing tree was found down and dead.

The monument falls at the corner of fences, projecting, east, west and north, set in the bottom of a small drainage, 5 feet wide, drains south.

Dependent Resurvey of a Portion of the Subdivisional lines  
T. 37 S., R. 3 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J.C. Clark in 1904  
and the Resurvey Executed by F.D. Reynolds in 1977-78

From the 1/4 section corner of sections 2 and 3, monumented with an iron post, 2 1/2 inches diameter, firmly set, projecting 4 inches above ground, with a small mound of stone to the west, and with the brass cap marked as described in the official record of the resurvey by F.D. Reynolds in 1977-78.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

*Chains*

From which the original bearing tree:

A juniper, 24 inches diameter, mkd. 1/4S S2 BT  
bears N. 26° E., 71 links distance.

The monument falls on flat sandy ground, 7 ½ feet west of an old fence line, projecting north and south.

N. 0° 39.7' E., between sections 2 and 3.

**19.813** Point for the N 1/16 section corner of sections 2 and 3.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with the aluminum cap marked:

N 1/16  
S3|S2  
2001

Deposit a magnet, enclosed in an orange plastic case, at the base of the aluminum post.

Raise a mound of stone, 3 ft. base, by 1 ft. high to the north of the aluminum post.

Set a steel fence post, alongside the aluminum post.

The monument falls, on a steep south slope, 39 feet east of and old fence line, projecting north and south, and also falls, approximately 60 feet south from the top of the ridge.

**39.006** The corner of sections 2, 3, 34 and 35, on the north boundary of the township, hereinbefore described.

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The Subdivision of Section 3  
T. 37 S., R. 3 W., Salt Lake Meridian, Utah

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From the 1/4 section corner of sections 3 and 10, monumented with an iron post, 2 ½ inches diameter, firmly set, projecting 7 inches above ground, with the brass cap marked as described in the official record of the resurvey by F.D. Reynolds in 1977-78.

From which the original bearing trees.

A pinon, 12 inches diameter, mkd. T37SR3W 1/4 S3 BT  
bears N. 81° E., 48.6 links distance.

A juniper, 16 inches diameter, mkd. 1/4 S10 BT,  
bears S. 30° W., 28.8 links distance.  
( Record S. 45° W. )

The monument falls on flat ground.

N. 0° 11.7' E., on the N - S center line of section 3.

**40.589** Point for the center 1/4 section corner at intersection with

THE SUBDIVISION OF SECTION 3  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

*Chains*

the E - W center line of section 3, falls within a dry creek bed, susceptible to seasonal run off, and not suitable for permanent monumentation, not monumented.

- 60.482 Point for the center N 1/16 section corner of section 3, not monumented.
- 79.917 The 1/4 section corner of sections 3 and 34, on the north boundary of the township, hereinbefore described.

From the 1/4 section corner of sections 2 and 3.

S. 89° 20.4' W., on the E - W center line of section 3.

- 19.831 Point for the center E 1/16 section corner of section 3.

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

E 1/16  
C          C  
S3  
2001

Deposit a magnet, enclosed within an orange plastic case, at the base of the aluminum post.

Raise a mound of stone, 3 ft. base, by 1 ft. high, north of the aluminum post.

The monument falls on flat sandy ground, on the north edge of a flood plain area.

- 39.662 True point for the center 1/4 section corner of section 3.
- 41.236 Point selected for the witness corner to the center 1/4 section corner of section 3.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with the aluminum cap marked:

WC  
T37S R3W  
C 1/4 →  
S3  
2001

Deposit a magnet, enclosed within an orange plastic case, at the base of the aluminum post.

Raise a mound of stone, 3 ft. base, by 1 ft. high, north of the aluminum post.

Set a steel fence post, alongside the aluminum post.

The monument falls on flat sandy ground

THE SUBDIVISION OF SECTION 3  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

*Chains*

- 59.628** The center W 1/16 section corner of section 3, monumented with a rebar, ½ inch diameter, 24 inches long, with a red plastic cap marked L.S. 162522. This monument is accepted as a careful and faithful determination of the position of the center W 1/16 section corner.

At the rebar

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

W 1/16  
C     \_\_\_\_\_   C  
      S3  
      2001

Deposit the rebar and a magnet enclosed within an orange plastic case, at the base of the aluminum post.

Raise a mound of stone, 3 ft. base, by 1 ft. high, north of the aluminum post.

Set a steel fence post alongside the aluminum post.

The monument falls on flat ground, 40 feet south of the center of a drainage, 10 feet wide, 5 feet deep, drains N. 70° E.

- 79.594** The 1/4 section corner of sections 3 and 4, monumented with an iron post, 2 ½ inches diameter, firmly set, projecting 5 inches above ground in a small mound of stone, with the brass cap marked as described in the official record of the resurvey by F.D. Reynolds in 1976-77.

From which the original bearing tree:

A juniper, 12 inches diameter, scribed 1/4S S4 BT  
bears S. 30° 30' W., 1.230 chains distance.  
( Record S. 50° W., 1.35 chains )

The scribed portion of the bearing tree is a dead limb 4 feet above ground of a live juniper tree, 30 inches diameter.

The monument falls at the corner of fences, projecting east, west and south, on the edge of a clearing to the north.

From the center E 1/16 section corner of section 3.

N. 0° 25.6' E., on the N - S center line of the NE 1/4 of section 3.

- 19.853** Point for the NE 1/16 section corner, at intersection with the E - W center line of the NE 1/4 of section 3.

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

THE SUBDIVISION OF SECTION 3  
T. 37 S., R. 3 W., SALT LAKE MERIDIAN, UTAH

Chains

NE 1/16  
S3  
2001

Deposit a magnet enclosed within an orange plastic case, at the base of the aluminum post.

Raise a mound of stone, 3 ft. base, by 2 ft. high, east of the aluminum post.

Set a steel fence post alongside the aluminum post.

The monument falls on a steep west slope.

From this monument, a rebar  $\frac{1}{2}$  inch diameter, firmly set, projecting 6 inches above ground, with a red plastic cap marked L.S. 162522, bears S.  $1^{\circ} 04.3'$  W., 17.92 feet distance. This monument was set at an incorrect proportionate distance and is therefore not accepted as the point for the NE 1/16 section corner.

- 39.167** The E 1/16 section corner of sections 3 and 34, on the north boundary of the township; hereinbefore described.

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From the N 1/16 section corner of sections 2 and 3.

S.  $89^{\circ} 27.6'$  w., on the E - W center line of the NE 1/4 of section 3.

- 19.910** The NE 1/16 section corner of section 3.

- 39.820** The point for the center N 1/16 section corner of section 3.

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From the center W 1/16 section corner of section 3.

N.  $0^{\circ} 09.9'$  E., on the N - S center line of the NW 1/4 of section 3.

- 39.522** The W 1/16 section corner of sections 3 and 34, on the north boundary of the township, hereinbefore described.
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**FIELD ASSISTANTS**

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Name	Capacity
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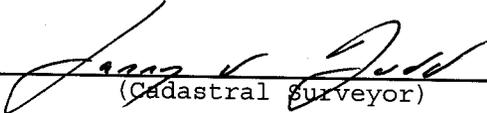
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## CERTIFICATE OF SURVEY

I, **Larry V. Judd, Cadastral Surveyor**, hereby certify upon honor that, in pursuance of special instructions bearing the date of the **17th day of April, 2001**, I have **executed a dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, and the subdivision of section 3, in Township 37 South, Range 3 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.

5/21/01  
Date

  
(Cadastral Surveyor)

\_\_\_\_\_  
Date

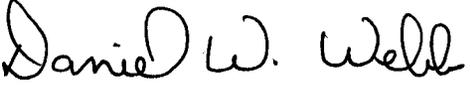
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(Cadastral Surveyor)

## CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Salt Lake City, Utah

The foregoing field notes of the **dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, and the subdivision of section 3, in Township 37 South, Range 3 West**, executed by **Larry V. Judd, Cadastral Surveyor** having been critically examined and found correct, are hereby approved.

May 25, 2001  
Date

  
(Chief Cadastral Surveyor for Utah)