

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY

OF A PORTION

OF THE NORTH BOUNDARY,

AND SUBDIVISIONAL LINES

THE SURVEY OF SECTIONS 5, 8, 17, 20, AND 29,

AND

THE SUBDIVISION OF SECTIONS 5 AND 8

IN

TOWNSHIP 29 SOUTH, RANGE 3 EAST

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

*Ferrel D. Reynolds and
Ronald K. Baugh, Cadastral Surveyors*

Under special instructions dated *October 16, 1992*, approved *October 19, 1992*, which provided for the surveys included under Group Number *792*, and assignment instructions dated *October 26, 1992*.

Survey commenced October 28, 1992

Survey completed November 18, 1992

INDEX DIAGRAM

Township 29 South, Range 3 East

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TOWNSHIP 29 SOUTH, RANGE 3 EAST, SALT LAKE MERIDIAN, UTAH

CHAINS

The following field notes describe the dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, the survey of sections 5, 8, 17, 20, and 29, and the subdivision of sections 5 and 8 in Township 29 South, Range 3 East, Salt Lake Meridian, Utah.

Portions of the north boundary were surveyed by Bailey and Burrill in 1876, Stewart and Thompson in 1915, and portions resurveyed by E. Bird in 1935 and F.R. Chappell in 1966.

Portions of the subdivisional lines were surveyed by Bailey and Burrill in 1876, surveyed and resurveyed by J.P. Walker in 1904, and surveyed and resurveyed by Glen B. Hatch in 1970.

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. 792, Utah, dated October 16, 1992.

The directions of lines were determined by hour angle observations of the sun and Polaris, carried forward by sustained angulation. 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. 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 sections 8, 9, 16 and 17 as determined by a tie made to U.S. Geological Survey station "TEASDALE 1952", is as follows:

Latitude $38^{\circ}17'42.04''$ N. Longitude $111^{\circ}35'48.41''$ W.
N.A.D. 1927

The mean magnetic declination as projected from the U.S. Geological Survey Magnetic Declination Map of 1985 is $13\frac{1}{4}^{\circ}$ E.

Dependent Resurvey of a Portion of the North Boundary,
T. 29 S., R. 3 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by Bailey and Burrill in 1876
and the Resurvey by F.R. Chappell in 1966

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Beginning at the corner of sections 4, 5, 32, and 33, on the north boundary of the township, monumented with an iron post 2 1/2 inches diam., projecting 14 ins. above ground and in a mound of stone, with brass cap marked as described in the official record of the 1966 resurvey. I remarked the brass cap for sections 32 and 33 only.

N. 89° 53.0' W., on the south boundary of section 32, over broken mountainous land, through scattered pinon and juniper growth.

0.670 Point for the closing corner of sections 4 and 5.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

T28S R3E
 S32
 S5 | S4
 C C
 T29S
 1992

Corner is located on nearly level bench land.

40.080 The 1/4 section corner of sections 5 and 32, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, with brass cap marked as described in the official record of the 1966 resurvey. I remarked the brass cap for section 32 only.

N. 89° 57.0' W., beginning new measurement.

0.610 Point for the 1/4 section corner of section 5 only, at midpoint between closing corners.

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

 T28S R3E
 1/4 S5
 T29S
 1992

Set a steel fence post alongside the aluminum post.

39.700 The corner of sections 5, 6, 31, and 32, monumented with an iron post, 2 1/2 ins. diam., projecting 14 ins. above ground and set in a mound of stone, with brass cap marked as described in the official record of the 1966 resurvey. I remarked the brass cap for sections 31 and 32 only.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY,
T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

N. 89° 54.0' W., on the south boundary of section 31.

Over broken mountainous land, through scattered pinon and juniper growth.

0.920 Point for the closing corner of sections 5 and 6.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 18 ins. in the ground to bedrock, and in a collar of stone with aluminum cap marked:

T28S R3E
 $\frac{S31}{S6 \mid S5}$
 C C
 T29S
 1992

Corner is located on a gentle N slope, in sagebrush.

39.900 The 1/4 section corner of sections 6 and 31, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone, with brass cap marked as describe in the official record of the 1966 resurvey.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 3 E., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by J.P. Walker in 1904
and the Resurvey by G.B. Hatch in 1970

From the corner of sections 20, 21, and 28, monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above ground, with brass cap marked as described in the official record of the 1970 survey.

S. 89° 56.0' W., between sections 20 and 28.

4.410 The corner of sections 20, 28 and 29, monumented with an iron post, U.S. Forest Reserve Boundary Post No. 103, 3 ins. diam., projecting 18 ins. above ground and set in a mound of stone, with brass cap marked as described in the official record of the 1970 resurvey.

Survey of a Portion of the Subdivisional Lines,
T. 29 S., R. 3 E., Salt Lake Meridian, Utah

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 8, 9, 16, and 17, monumented with an iron post, 2 1/2 ins. diam., projecting 18 ins. above ground, set in a mound of stone, with brass cap marked as described in the official record of the 1970 survey by G.B. Hatch.

From which:

U.S. Geological Survey Triangulation Station "TEASDALE 1952", bears
S. 80°20.3' E., 382.229 chains distance.

N. 0°02.0' E., between sections 8 and 9.

Over rolling mountainous land, through sagebrush and native grasses.

40.000 Point for the 1/4 section corner of sections 8 and 9.

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

T29S R3E
1/4
S8 | S9
1992

Set a steel fence post alongside the aluminum post.

80.000 Point for the corner of sections 4, 5, 8, and 9.

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

T29S R3E
S5 | S4
S8 | S9
1992

Set a steel fence post alongside the aluminum post.

Corner is located in small draw, drains NE.

N. 0°02.0' E., between sections 4 and 5.

Over rolling mountainous land, through scattered pinon and juniper growth.

40.000 Point for the 1/4 section corner of sections 4 and 5.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 14 ins. in the ground to bedrock, and in a mound of stone, 3 ft. base to top, with aluminum cap marked:

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T29S R3E

1/4

S5 | S4

1992

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle rolling N slope, in scattered pinon and juniper growth.

84.470 The closing corner of sections 4 and 5, hereinbefore described.

From the corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 1/2 ins. diam., set in a mound of stone, with brass cap marked as described in the official record of the 1970 survey by G.B. Hatch.

N. 0°05.0' W., between sections 29 and 30.

Over rolling mountainous land, through scattered pinon and juniper growth.

40.000 Point for the 1/4 section corner of sections 29 and 30.

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

T29S R3E

1/4

S30 | S29

1992

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle N slope, in pinon and juniper growth.

80.000 Point for the corner of sections 29 and 30 only.

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

T29S R3E

S19

S30 | S29

1992

Set a steel fence post alongside the aluminum post.

Corner is located on a rolling NW slope.

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 20, 28, and 29, hereinbefore described on the north boundary of section 29.

N. $89^{\circ}56.0'$ W., on the north boundary of section 29.

Over rolling mountainous land, through scattered pinon and juniper growth.

35.590 Point for the 1/4 section corner of section 20 only.

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

T29S R3E
1/4 S20
1992

Raise a mound of stone N of the corner.

40.035 Point for the 1/4 section corner of section 29 only.

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

T29S R3E
1/4 S29
1992

Corner is located on a N slope in pinon and juniper growth.

75.590 Point for the corner of sections 19 and 20, on the north boundary of section 29.

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

T29S R3E
S19 | S20
S29
1992

Raise a mound of stone N of the corner.

Corner is located on a rolling N slope.

80.070 The corner of sections 29 and 30 only, hereinbefore described.

From the corner of sections 19 and 20 only, on the north boundary of section 29.

N. $0^{\circ}01.0'$ E., between sections 19 and 20.

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Over rolling mountainous land, through scattered pinon and juniper growth.

40.000 Point for the 1/4 section corner of sections 19 and 20.

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

T29S R3E
1/4
S19 | S20
1992

Set a steel fence post alongside the aluminum post.

Corner is located on a gentle rolling land.

80.000 Point for the corner of sections 17, 18, 19, and 20.

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

T29S R3E
S18 | S17
S19 | S20
1992

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located on a rolling SE slope.

From the corner of sections 16, 17, 20, and 21, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above ground, set in a mound of stone, with the brass cap marked as described in the official record of the 1970 survey by G.B. Hatch.

N. 89° 54.0' W., between sections 17 and 20.

Over rolling mountainous land.

40.005 Point for the 1/4 section corner of sections 17 and 20.

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

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T29S R3E
1/4 S17
 S20
 1992

Set a steel fence post alongside the aluminum post.

Corner is located on gentle rolling land, in native grasses.

80.010 The corner of sections 17, 18, 19, and 20.

N. 0° 01.0' E., between sections 17 and 18.

Over rolling mountainous land.

40.000 Point for the 1/4 section corner of sections 17 and 18.

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

T29S R3E
 1/4
S18 | S17
 1992

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located on a rolling S slope.

80.000 Point for the corner of sections 7, 8, 17, and 18.

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

T29S R3E
S7 | S8
S18 | S17
 1992

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located on a SE slope.

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

From the corner of sections 8, 9, 16, and 17.

N. $89^{\circ}53.0'$ W., between sections 8 and 17.

Over rolling mountainous land.

40.010 Point for the 1/4 section corner of sections 8 and 17.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., on solid rock and in a mound of stone, 4 1/2 ft. base to top, with aluminum cap marked.

	T29S R3E
1/4	<u>S8</u>
	S17
	1992

Corner is located on a broken NE slope.

40.300 Top of spur, projects SE.

80.020 The corner of sections 7, 8, 17, and 18.

N. $0^{\circ}01.0'$ E., between sections 7 and 8.

Over rolling mountainous land.

40.000 Point for the 1/4 section corner of sections 7 and 8.

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

	T29S R3E
	1/4
	S7 S8
	1992

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located on the S edge of a draw, drains NE.

80.000 Point for the corner of sections 5, 6, 7, and 8.

Set an aluminum post, 30 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, with aluminum cap marked:

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T29S R3E

S6		S5
S7		S8

1992

Set a steel fence post alongside the aluminum post.

Raise a mound of stone W of the corner.

Corner is located on a broken N slope.

From the corner of sections 4, 5, 8, and 9.

N. 89° 53.0' W., between sections 5 and 8.

Over rolling mountainous land.

40.015 Point for the 1/4 section corner of sections 5 and 8.

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

T29S R3E

1/4		S5
		S8

1992

Set a steel fence post alongside the aluminum post.

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

N. 0° 01.0' E., between sections 5 and 6.

Over broken mountainous land, through scattered pinon and juniper growth.

0.50 Dirt road, bears E and W.

40.000 Point for the 1/4 section corner of sections 5 and 6.

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

T29S R3E

1/4		S5
S6		S5

1992

SURVEY OF A PORTION OF THE SUBDIVISIONAL
LINES, T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

Set a steel fence post alongside the aluminum post.

84.430 The closing corner of sections 5 and 6, hereinbefore described.

The Subdivision of Section 5,
T. 29 S., R. 3 E., Salt Lake Meridian, Utah.

From the 1/4 section corner of sections 5 and 8.

N. 0°02.0' E., on the N - S center line of section 5.

40.000 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 collar of stone, with aluminum cap marked:

T29S R3E
C 1/4 S5
1992

Set a steel fence post alongside the aluminum post.

84.470 The 1/4 section corner of section 5 only the north boundary of the township.

From the 1/4 section corner of sections 4 and 5.

N. 89°53.0' W., on the E - W center line of section 5.

40.020 The center 1/4 section corner of section 5.

80.040 The 1/4 section corner of sections 5 and 6.

The Subdivision of Section 8,
T. 29 S., R. 3 E., Salt Lake Meridian, Utah.

From the 1/4 section corner of sections 8 and 17.

N. 0°01.0' E., on the N - S center line of section 8.

40.000 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., 20 ins. in the ground, and in a collar of stone, with aluminum cap marked:

THE SUBDIVISION OF SECTION 8,
T. 29 S., R. 3 E., SALT LAKE MERIDIAN, UTAH

CHAINS

T29S R3E
C 1/4 S8
1992

Set a steel fence post alongside the aluminum post.

80.000 The 1/4 section corner of sections 5 and 8.

From the 1/4 section corner of sections 8 and 9.

N. $89^{\circ}53.0'$ W., on the E - W center line of section 8.

40.015 The center 1/4 section corner of section 8.

80.030 The 1/4 section corner of sections 7 and 8.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Gail E. Reynolds	Cadastral Surveyor

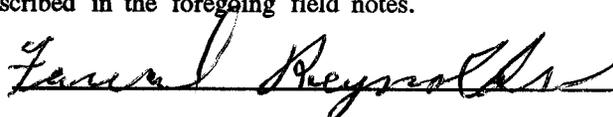
CERTIFICATE OF SURVEY

I, *Ferrel D. Reynolds and Ronald K. Baugh, Cadastral Surveyors*, hereby certify upon honor that, in pursuance of special instructions bearing the date of the *16th day of October, 1992*, I have *dependently resurveyed a portion of the north boundary, a portion of the subdivisional lines, surveyed sections 5, 8, 17, 20, and 29, and subdivided sections 5 and 8, in Township 29 South, Range 3 East,*

of the *Salt Lake Meridian*, in the State of *Utah*, which are represented in the foregoing field notes as having been executed by us and under our 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 18, 1996

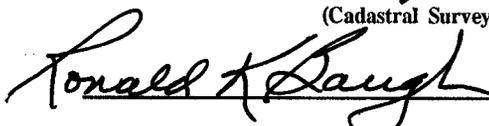
Date



(Cadastral Surveyor)

April 18, 1996

Date



(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

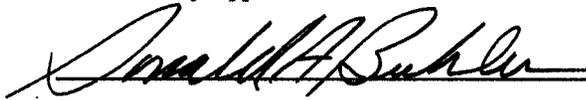
The foregoing field notes of the *dependent resurvey of a portion of the north boundary, a portion of the subdivisional lines, the survey of sections 5, 8, 17, 20, and 29, and the subdivision of sections 5 and 8, Township 29 South, Range 3 East, Salt Lake Meridian, Utah,*

executed by *Ferrel D. Reynolds and Ronald K. Baugh, Cadastral Surveyors*

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

April 18, 1996

Date



(Chief Cadastral Surveyor for Utah)