

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF

A PORTION OF THE EAST BOUNDARY (SALT LAKE MERIDIAN),

A PORTION OF THE WEST BOUNDARY,

A PORTION OF THE SUBDIVISIONAL LINES,

AND

THE SUBDIVISION OF SECTIONS 23, 25, 28, AND 29,

THE METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -

VERMILION CLIFFS WILDERNESS BOUNDARY,

AN INFORMATIVE TRAVERSE IN SECTION 25,

IN

TOWNSHIP 43 SOUTH, RANGE 1 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jeremy D. Davis
Cadastral Surveyor

Under the Supervision of

Ronald K. Baugh
Supervisory Cadastral Surveyor

Under Special Instructions dated **July 20, 2004**, approved **July 20, 2004**, which provided for the surveys included under Group Number **987**, and Assignment Instructions dated **July 20, 2004**, and Reassignment Instructions dated **July 20, 2007**.

Survey Commenced, **August 5, 2004**
Survey Completed, **April 2, 2008**

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TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH.

The following field notes are those of the dependent resurvey of a portion the east boundary (Salt Lake Meridian), a portion of the west boundary, a portion of the subdivisional lines, and the subdivision of sections 23, 25, 28, and 29, the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, an informative traverse through section 25, in T. 43 S., R. 1 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

	Surveyed by		Retr. or Resurveyed by	
SOUTH BOUNDARY				
All	A. Nelson & H.W. Miller	1917		
EAST BOUNDARY (Salt Lake Meridian)				
Portion	J.G. Burrill	1877		
Portion	A. Nelson & E. Bird	1917	A. Nelson & E. Bird	1917
Portion			J.L. Thomas	1976
Portion			J.D. Davis & R.K. Baugh	2004-08
			(Concurrently)	
WEST BOUNDARY				
Portion	J.G. Burrill	1877		
All	A. Nelson & H.W. Miller	1917	A. Nelson & H.W. Miller	1917
NORTH BOUNDARY				
All	J.G. Burrill	1877		
Portion			W.R. Johnston	1916
All			G.E. Reynolds	1981
Portion			R.A. Zaninovich	1987
SUBDIVISION				
Portion	J.G. Burrill	1877		
Portion	A. Nelson & E. Bird	1917	E. Bird	1917
Portion			G.E. Reynolds	1981

TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH.

This survey is to establish the boundary of the Paria Canyon - Vermilion Cliffs Wilderness, as set forth in Public Law 98-406, and the legal description and map dated September 29, 1986.

Note: The angle points in the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary are numbered from one (1) to twelve (12) in the field notes and plat of Township 43 South, Range 1 West, and are for reference purposes only. Monuments in the field bear the marks 'AP' only.

The Paria Canyon - Vermilion Cliffs Wilderness boundary, as determined by the metes-and-bounds survey, is identical to a portion of the Grand Staircase-Escalante National Monument boundary.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions for Group number. 987, dated July 20, 2004.

The directions of the lines were determined by references to true meridian, established by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods*, dated May 9, 2001, Version 1.0. Trimble 5700 and 5800 GPS receivers were used for field collection. Cadastral Measurement Management (CMM) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations, post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS); KINGMAN CORS ARP, MARYSVALE_UT2006 CORS ARP, and FLAGSTAFF 1 CORS ARP.

The geographic position of the corner of sections 1 and 36, Townships 43 and 44 South, Range 1 West, as determined by direct RTK methods from the National Geodetic Survey OPUS solution, is as follows:

Latitude: 37° 01'16.157" N.

Longitude: 111° 51'06.134" W.

N.A.D. 83, Network Accuracy = 0.200 meter at 95% confidence.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY
 (SALT LAKE MERIDIAN),
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the East Boundary
 (Salt Lake Meridian),
 T. 43 S., R. 1 W., Salt Lake Meridian, Utah.

Reestablishment of the Survey Executed by A. Nelson and E. Bird
 in 1917.

Beginning at the corner of sections 1 and 36 only, Tps. 43 and 44
 S., R. 1 W., as described in the official record of the dependent
 resurvey of Township 44 South, Range 1 East, surveyed
 concurrently under this same group number.

N. 0°02.3' W., on the east boundary of section 36.

32.756 True point for the 1/4 section corner of section 31 only, T. 43
 S., R. 1 E.; not monumented.

From this corner point, the witness 1/4 section corner of section
 31 only, monumented with an iron post, 1 inch diameter, loosely
 set, in a scattered mound of stone, with brass cap marked as
 described in the official record of the 1917 survey, bears EAST,
 0.500 chains distance

from which the original bearing tree

A juniper, 6 inches diameter, bears N. 52° E., 7 links
 distance, with scribe marks WC visible. (Record: N. 60° E.)

Raised a mound of stone, 3 ft. base by 2 1/2 ft. high, around the
 iron post.

Corner falls 6 links east of edge of steep decent to the west.

N. 0°26.2' E., beginning new measurement.

7.775 True point for the 1/4 section corner of section 36 only; not
 monumented.

From this corner point the witness 1/4 section corner of section
 36 only, monumented with an iron post, 1 inch diameter, firmly
 set, in a mound of stone 3 1/2 ft. base, with brass cap marked as
 described in the official record of the 1917 survey, bears EAST,
 1.800 chains distance

Corner falls on top of a bench, 44 links east of edge of rim,
 bears north and south.

N. 0°02.0' E., beginning new measurement.

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY
(SALT LAKE MERIDIAN),
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

31.966 The corner of sections of 30 and 31 only, T. 43 S., R 1 E., identical with Angle Point 1 of the Paria Canyon - Vermilion Cliffs Wilderness boundary, monumented with an iron post, 2 inches diameter, firmly set, projecting 20 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing tree

A juniper limb, 14 inches diameter, bears N. 46° E., 72 links distance, with scribe marks S30 BT visible.

Corner falls near end of point in sandy soil.

40.033 The corner of sections 25 and 36 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 8 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 30 inches diameter, bears N. 49° E., 193 links distance, scribed T43S R1W S36 BT. (Record: S. 40° W.)

A juniper, 30 inches diameter, bears N. 44° W., with scribe marks visible through a mostly healed blaze; not remeasured.

Corner falls on low rolling sand dunes.

Dependent Resurvey of a Portion of the West Boundary,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A. Nelson
and H.W. Miller in 1917

From the corner of sections 25, 30, 31, and 36, on the west boundary of the township, monumented with an iron post, 2 inches diameter, firmly set, 6 inches below ground surface, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, dead and standing, 20 inches diameter, bears N. 24° E., 413 links distance. (Record: N. 44° E.)

A juniper, 8 inches diameter, bears S. 21° E., 289 links distance, scribed T43S R1W S31 BT. (Record: 300 links)

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A juniper, dead and standing, bears S. 33° W., 87 links distance, with an open blaze. (Record: S. 24 3/4° W.).

A juniper, dead and standing, bears N. 36 1/2° W., 250 links distance, scribed T43S R2W S25 BT.

N. 0°01.4' E., between sections 25 and 30.

7.576 Point for Angle Point 60, identical with Angle Point 1, T. 43 S., R. 2 W., surveyed concurrently under this same group number, of the metes-and-bounds survey on the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

39.996 The 1/4 section corner of sections 25 and 30, monumented with an iron post, 1 inch diameter, firmly set, projecting 10 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 20 inches diameter, bears N. 88° E., 323 links distance, scribed 1/4 S30 BT. (Record: 321 links)

A juniper limb, 10 inches diameter, bears S. 46° W., 154 links distance, scribed 1/4 S25 BT. (Record: 158 links)

Set a steel fence post alongside the iron post.

Corner falls on rolling sand.

N. 0°08.9' E., beginning new measurement.

40.040 The corner of sections 19, 24, 25, and 30, monumented with an iron post, 2 inches diameter, firmly set, projecting 10 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

From which the original bearing trees

A juniper limb, 18 inches diameter, bears S. 84° E., 448 links distance, scribed T43S R1W S19 BT.

A juniper limb, 8 inches diameter, bears S. 8° W., 75 links distance, scribed T43S R2W S25 BT. (Record: 72 links)

A juniper, 18 inches diameter, bears N. 41° W., 334 links distance, scribed T43S R2W S24 BT. (Record: N. 54 3/4° W.)

Found a steel fence post alongside the iron post.

N. 0°09.5' E., between sections 19 and 24.

39.917 The 1/4 section corner of sections 19 and 24, monumented with an iron post, 1 inch diameter, firmly set, projecting 14 inches

DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing tree

A juniper, 10 inches diameter, bears N. 40° W., 209 links distance, scribed 1/4 S 24 BT. (Record: N. 45° W.)

There is no remaining evidence of the northeast bearing tree.

Set a steel fence post alongside the iron post.

Corner falls on a northeast-facing slope.

N. 0°03.6' E., beginning new measurement.

- 40.039 The corner of sections 13, 18, 19, and 24, monumented with an iron post, 2 inches diameter, firmly set, projecting 20 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

Found a steel fence post alongside the iron post.

N. 0°09.9' E., between sections 13 and 18.

- 12.968 Point for Angle Point 21, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, as described in the official record of the dependent resurvey of Township 43 South, Range 2 West, surveyed concurrently under this same group number.

- 29.491 Point for Angle Point 24, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, as described in the official record of the dependent resurvey of Township 43 South, Range 2 West, surveyed concurrently under this same group number.

- 40.044 The 1/4 section corner of sections 13 and 18, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

Set a steel fence post alongside the iron post.

Corner falls on sandy ground.

N. 0°01.3' E., beginning new measurement.

- 39.940 The corner of sections 7, 12, 13, and 18, monumented with an iron post, 2 inches diameter, loosely set, with brass cap marked as described in the official record of the 1917 survey.

Corner is located on a steep northwest-facing slope.

Reset monument 20 inches in the ground.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by
A. Nelson and E. Bird in 1917

From the corner of sections 25 and 36 only, on the east boundary
of the township, hereinbefore described.

S. 89°51.2' W., between sections 25 and 36.

- 13.751** Intersect the line between Angle Points 1 and 2, of the metes-
and-bounds survey of the Paria Canyon - Vermilion Cliffs
Wilderness boundary, hereinafter described.
- 40.070** The 1/4 section corner of sections 25 and 36, monumented with an
iron post, 1 inch 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 1917 survey.

Corner falls on a rocky south slope.

From the 1/4 section corner of sections 24 and 25, monumented
with an iron post, 1 inch diameter, firmly set, projecting 16
inches above the ground, with brass cap marked as described in
the official record of the 1917 survey.

from which the original bearing tree

A juniper, dead and standing, 20 inches diameter, bears N. 19
1/2° W., 292 links distance, with no visible scribe marks.

Corner falls on level sandy ground.

S. 89°46.4' W., between sections 24 and 25.

- 26.249** Intersect the line between Angle Points 10 and 11, of the metes-
and-bounds survey of the Paria Canyon - Vermilion Cliffs
Wilderness boundary, hereinafter described.
- 40.067** The corner of sections 23, 24, 25, and 26, monumented with an
iron post, 2 inches diameter, firmly set, in a mound of stone, 4
ft. base, by 2 ft. high, with brass cap marked as described in
the official record of the 1917 survey.

from which the original bearing trees

A juniper, 16 inches diameter, bears S. 53° E., 98 links
distance, scribed T43S R1W S25 BT.

A juniper limb, 10 inches diameter, bears N. 82° W., 138 links
distance, scribed T43S R1W S23 BT. (Record: 134 links)

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

There is no remaining evidence of the northeast bearing tree.

Corner falls on level ground on finger ridge below top of main ridge.

N. 0°01.0' E., between sections 23 and 24.

- 12.398** Intersect the line between Angle Points 11 and 12, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.
- 20.001** Point for the S 1/16 section corner of sections 23 and 24, not monumented.
- 40.002** The 1/4 section corner of sections 23 and 24, monumented with an iron post, 1 inch diameter, firmly set, projecting 4 inches above the ground, with the brass cap incorrectly marked.

I add the marks S23, S24, 2006 to the brass cap.

from which the original bearing trees

A juniper 18 inches diameter, bears N. 15° E., 276 links distance, with scribe marks 1/4 S24 visible through a mostly healed blaze. (Record: 274 links)

A juniper 20 inches diameter, bears S. 88° W., 242 links distance, with scribe marks 1/4 S23 visible on an open blaze. (Record: 239 links)

Corner falls on a gentle north-facing slope in sagebrush.

From the corner of sections 26, 27, 34, and 35, monumented with an iron post, 2 inches diameter, firmly set, projecting 18 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

There is no remaining evidence of the original bearing trees.

Set a steel fence post alongside the iron post.

Corner falls on a gentle north-facing slope.

N. 0°01.0' E., between sections 26 and 27.

- 3.777** Intersect the line between Angle Points 26 and 27, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.
- 40.051** The 1/4 section corner of sections 26 and 27, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

from which the original bearing tree

A juniper, 14 inches diameter, bears N. $59\frac{3}{4}^{\circ}$ E., 257 links distance, with scribe marks visible through a mostly healed blaze.

Set a steel fence post alongside the iron post.

N. $0^{\circ}00.9'$ E., beginning new measurement.

40.033 The corner of sections 22, 23, 26, and 27, monumented with an iron post, 2 inches diameter, firmly set, projecting 14 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper limb, 16 inches diameter, bears N. $31\frac{1}{2}^{\circ}$ E., 659 links distance, scribed T43S R1W S23 BT.

A juniper, 18 inches diameter, bears S. $56\frac{1}{2}^{\circ}$ E., 412 links distance, scribed T43S R1W S26 BT. (Record: 414 links)

Set a steel fence post alongside the iron post.

From the corner of sections 23, 24, 25, and 26.

N. $89^{\circ}50.0'$ W., between sections 23 and 26.

10.005 Point for the E-E $\frac{1}{64}$ section corner of sections 23 and 26; not monumented.

20.010 Point for the E $\frac{1}{16}$ section corner of sections 23 and 26; not monumented.

40.020 The $\frac{1}{4}$ section corner of sections 23 and 26, monumented with an iron post, 1 inch diameter, firmly set, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing tree

A juniper, 18 inches diameter, bears S. $56\frac{1}{2}^{\circ}$ W., 253 links distance, scribed $\frac{1}{4}$ S26 BT.

Corner falls on a steep sandy north-facing slope.

N. $89^{\circ}47.3'$ W., beginning new measurement.

3.565 Intersect the line between Angle Points 20 and 21, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

40.052 The corner of sections 22, 23, 26, and 27.

N. 0°01.2' E., between sections 22 and 23.

40.015 The 1/4 section corner of sections 22 and 23, monumented with an iron post, 1 inch diameter, firmly set, projecting 18 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 24 inches diameter, bears S. 26° E., 403 links distance, with scribe marks visible through a mostly healed blaze. (Record: 254 links)

A juniper, dead and standing, 18 inches diameter, bears S. 70° W., 146 links distance, scribed 1/4 S22 BT, on an open blaze.

Set a steel fence post alongside the iron post.

From the corner of sections 26, 27, 34, and 35.

S. 89°59.7' W., between sections 27 and 34.

5.007 Intersect the line between Angle Points 27 and 28, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

37.771 Intersect the line between Angle Points 30 and 31, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

40.038 The 1/4 section corner of sections 27 and 34, monumented with an iron post, 1 inch diameter, loosely set, projecting 6 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 14 inches diameter, bears N. 72 3/4° E., 58 links distance, with a mostly healed blaze.

A juniper, 14 inches diameter, bears S. 11° W., 142 links distance, with scribe marks visible through a mostly healed blaze.

N. 89°59.6' W., beginning new measurement.

40.035 The corner of sections 27, 28, 33, and 34, monumented with an iron post, 2 inches diameter, firmly set, in a mound of stone, 3 feet base to top of brass cap marked as described in the official record of the 1917 survey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

from which the original bearing trees

- A juniper, 8 inches diameter, bears N. 64 1/2° E., 71 links distance, scribed T43S R1W S27 BT.
- A juniper, 8 inches diameter, bears S. 61 1/2° E., 130 links distance, scribed T43S R1W S34 BT. (Record: 132 links)
- A juniper, dead and standing, 12 inches diameter, bears S. 26° W., 98 links distance, with no visible scribe marks.
- A juniper, dead and standing, 14 inches diameter, bears N. 75 1/2° W., 171 links distance, with no visible scribe marks. (Record: 135 links)

N. 0°00.8' W., between sections 27 and 28.

- 4.735 Intersect the line between Angle Points 32 and 33, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.
- 20.001 Point for the S 1/16 section corner of sections 27 and 28; not monumented.
- 40.002 The 1/4 section corner of sections 27 and 28, no remaining evidence of the original iron post was found, determined from the original bearing trees by distance-distance intersect method.
 - A juniper, 18 ins diameter, bears S. 16° E., 76 links distance, with a healed blaze. (Record: S. 14° E.)
 - A juniper, 20 inches diameter, bears N. 75° W., 413 links distance, with no visible scribe marks on an open blaze. (Record: N. 72 1/2° W.)

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with aluminum cap marked:

T43SR1W
1/4
S28|S27
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

From the corner of sections 27, 28, 33, and 34.

S. 89°58.7' W., between sections 28 and 33.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 20.034** Point for the E 1/16 section corner of sections 28 and 33, not monumented.
- 40.068** The 1/4 section corner of sections 28 and 33, monumented with an iron post, 1 inch diameter, firmly set, projecting 4 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.
- from which the original bearing trees
- A juniper, 20 inches diameter, bears S. 24 1/2° W., 275 links distance, scribed 1/4 S33 BT.
- A juniper, 20 inches diameter, bears N. 22° W., 387 links distance, scribed 1/4 S28 BT.
- Corner falls on rolling sand.
-
- S. 89°59.9' W.**, beginning new measurement.
- 40.057** True point for the corner of sections 28, 29, 32, and 33; there is no remaining evidence of the 'X' cut into solid sandstone.
- True point falls on east edge of small wash, draining south; unsuitable for permanent monumentation.
-
- N. 0°00.7' W.**, between sections 28 and 29.
- 0.150** The witness corner of sections 28, 29, 32, and 33, monumented with an iron post, 2 inches diameter, firmly set, in a small mound of stone, with brass cap marked as described in the official record of the 1917 survey.
- from which the original bearing trees
- A juniper limb, 16 inches diameter, bears N. 32° E., 93 links distance, scribed T43S R1W S28 WC BT. (Record N. 30 3/4° E)
- A juniper limb, 16 inches diameter, bears S. 34° W., 135 links distance, scribed T43S R1W S32 WC BT. (Record: S. 31° W.)
- A juniper 12 inches diameter, bears N. 85° W., 80 links distance, scribed T43S R1W S29 WC BT. (Record: N 78 1/2° W.)
- 30.809** Intersect the line between Angle Points 41 and 42, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.
- 39.980** The 1/4 section corner of sections 28 and 29, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

from which the original bearing trees

A juniper limb, 10 inches diameter, bears N. 73° E., 102 links distance, scribed 1/4 S28 BT. (Record: N. 78° E.)

A juniper, 14 inches diameter, bears N. 18° W., 68 links distance, scribed 1/4 S29 BT, on a mostly healed blaze. (Record: 65 links)

Corner falls on level sandy ground.

From the true point for the corner of sections 28, 29, 32, and 33.

N. 89°58.6' W., between sections 29 and 32.

39.870 The 1/4 section corner of sections 29 and 32, monumented with an iron post, 1 inch diameter, loosely set, in a scattered mound of stone, 3 ft. base, by 2 ft. high, with brass cap marked as described in the official record of the 1917 survey.

I reset in monument in place, in a mound of stone, and remove WC from the brass cap.

from which the original bearing trees

A juniper limb, 6 inches diameter, bears S. 24° W., 156 links distance, with scribe marks 1/4 S visible. (Record: 154 links)

A juniper limb, 8 inches diameter, bears N. 42° W., 135 links distance, scribed 1/4 S29 WC BT.

S. 89°59.0' W., beginning new measurement.

20.055 Point for the W 1/16 section corner of sections 29 and 32; not monumented.

40.110 True point for the corner of sections 29, 30, 31, and 32; not monumented.

From this corner point, the witness corner of sections 29, 30, 31, and 32, monumented with an iron post, 2 inches diameter, firmly set, in a mound of stone, 3 ft. base by 2 ft. high, with brass cap marked as described in the official record of the 1917 survey, bears S. 0°00.9' E., 1.912 chains distance

from which the original bearing trees

A juniper, 16 inches diameter, bears S. 14° E., 233 links distance, scribed T43S R1W S32 BT WC. (Record: 235 links)

A juniper, 12 inches diameter, bears S. 21° W., 273 links distance, scribed T43S R1W S31 WC BT. (Record 270 links)

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Corner falls on a rocky ledge.

N. 89°58.7' W., between sections 30 and 31.

27.286 Intersect the line between Angle Points 51 and 52, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

40.045 The 1/4 section corner of sections 30 and 31, monumented with an iron post, 1 inch diameter, firmly set, in a small mound of stone, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 14 inches diameter, bears S. 8 1/2° W., 33 links distance, scribed 1/4 S31 BT.

A juniper, 10 inches diameter, bears N. 55° W., 24 links distance, scribed 1/4 S30 BT, (Record: N. 60 3/4° W.).

Corner falls on a gradual north-facing slope in sand.

N. 89°58.6' W., beginning new measurement.

22.675 Intersect the line between Angle Points 56 and 57, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

39.515 The corner of sections 25, 30, 31, and 36, on the west boundary of the township, hereinbefore described.

From the corner of sections 29, 30, 31, and 32.

N. 0°00.9' W., between sections 29 and 30.

15.700 Intersect the line between Angle Points 49 and 50, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

20.026 Point for the S 1/16 section corner of sections 29 and 30; not monumented.

40.052 The 1/4 section corner of sections 29 and 30, monumented with an iron post, 1 inch diameter, firmly set, projecting 18 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 12 inches diameter, bears N. 71 3/4° E., 123 links distance, with a mostly healed blaze.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A juniper, 28 inches diameter, bears S. 44° W., 151 links distance, scribed 1/4 S30 BT. (Record: 149 links)

Corner falls in small swale, drains N. 60° E.

The Subdivision of Section 23,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 23 and 26.

N. 0°01.5' E., on the N-S centerline of section 23.

20.012 Point for the center S 1/16 section corner of section 23; not monumented.

21.520 Intersect the line between Angle Points 16 and 17, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

40.024 Point for the center 1/4 section corner, at intersection with the E-W centerline of section 23.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with aluminum cap marked:

T43SR1W
C 1/4
S23
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

80.032 The 1/4 section corner of sections 14 and 23, monumented with an iron post, 1 inch diameter, firmly set, projecting 16 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 30 inches diameter, bears S. 32 1/2° W., 518 links distance, scribed 1/4 S23 BT. (Record: 515 links)

A juniper, dead and standing, 24 inches diameter, bears N. 70° W., 612 links distance, scribed 1/4 S14 BT. (Record: 616 links)

Corner falls on level sandy ground.

From the 1/4 section corner of sections 23 and 24.

THE SUBDIVISION OF SECTION 23,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 89°48.1' W., on the E-W centerline of section 23.

- 10.003 Point for the center E-E 1/64 section corner of section 23; not monumented.
- 20.006 Point for the center E 1/16 section corner of section 23; not monumented.
- 40.012 The center 1/4 section corner of section 23.
- 80.063 The 1/4 section corner of sections 22 and 23.

From the point for the E 1/16 section corner of sections 23 and 26.

N. 0°01.3' E., on the N-S centerline of the SE 1/4 of section 23.

- 20.007 Point for the SE 1/16 section corner, at intersection with the E-W centerline of the SE 1/4 of section 23; not monumented.
- 26.222 Intersect the Paria Canyon - Vermilion Cliffs Wilderness boundary; not monumented.
- 40.014 The point for the center E 1/16 section corner of section 23.

From the S 1/16 section corner of sections 23 and 24.

N. 89°49.0' W., on the E-W centerline of the SE 1/4 of section 23.

- 10.004 Point for the center E-SE 1/64 section corner of section 23.

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

C-E-SE
1/64
S23
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

- 20.008 The point for the SE 1/16 section corner of section 23.
- 40.016 The point for the center S 1/16 section corner of section 23.

From the center E-SE 1/64 section corner of section 23.

THE SUBDIVISION OF SECTION 23,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°01.1' E., on the N-S centerline of the NE 1/4 of the SE 1/4 of section 23.

4.238 Point for Angle Point 14, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

20.004 The point for the center E-E 1 /64 section corner of section 23.

From the point for the E-E 1/64 section corner of sections 23 and 26.

N. 0°01.2' E., on the N-S centerline of the SE 1/4 of the SE 1/4 of section 23.

18.717 Point for Angle Point 13, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

20.004 The center E-SE section corner of section 23.

The Subdivision of Section 25,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 25 and 36.

N. 0°01.9' E., on the N-S centerline of section 25.

26.036 Intersect the Paria Canyon - Vermilion Cliffs Wilderness Boundary, between Angle Points 3 and 4, hereinafter described.

80.090 The 1/4 section corner of sections 24 and 25.

The Subdivision of Section 28,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

From the 1/4 section corners of sections 28 and 33.

N. 0°00.3' E., on the N-S centerline of section 28.

19.999 Point for the center S 1/16 section corner of section 28; not monumented.

37.682 Intersect the line between Angle Points 39 and 40, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

39.998 Point for the center 1/4 section corner, at intersection with the E-W centerline of section 28.

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, 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:

T43SR1W
C 1/4
S28
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground alongside a juniper.

- 80.030** The 1/4 section corner of sections 21 and 28, monumented with an iron post, 1 inch diameter, firmly set, projecting 18 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 16 inches diameter, bears N. 51 1/4° E., 170 links distance, scribed 1/4 S21 BT.

A juniper, 14 inches diameter, bears S. 60° W., 236 links distance, with scribe marks 1/4 S28 BT visible through a mostly healed blaze. (Record: 247 links).

Corner falls on level sandy ground.

From the 1/4 section corner of sections 27 and 28.

S. 89°58.4' W., on the E-W centerline of section 28.

- 20.026** Point for the center E 1/16 section corner of section 28, not monumented.

- 40.052** The center 1/4 section corner of section 28.

- 80.117** The 1/4 section corner of sections 28 and 29.

From the point for the E 1/16 section corner of sections 28 and 33.

N. 0°00.3' W., on the N-S centerline of the SE 1/4 of section 28.

- 10.000** Point for the center S-SE 1/64 section corner of section 28.

Note: This point also functions as Angle Point 35, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary.

THE SUBDIVISION OF SECTION 28,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, 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:

C-S-SE
1/64
S28
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

20.000 Point for the SE 1/16 section corner, at intersection with the E-W centerline of the SE 1/4 of section 28.

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

SE 1/16
S28
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

40.000 The point for the center E 1/16 section corner of section 28.

From the point for the S 1/16 section corner of sections 27 and 28.

S. 89°58.5' W., on the E-W centerline of the SE 1/4 of section 28.

20.030 The SE 1/16 section corner of section 28.

24.364 Intersect the line between Angle Points 36 and 37, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

40.060 The point for the center S 1/16 section corner of section 28.

THE SUBDIVISION OF SECTION 29,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

The Subdivision of Section 29,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

From the 1/4 section corner of sections 29 and 32.

N. 0°03.1' W., on the N-S centerline of section 29.

20.001 Point for the center S 1/16 section corner of section 29; not monumented.

26.229 Intersect the line between Angle Points 45 and 46, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.

40.002 Point for the center 1/4 section corner, at intersection with the E-W centerline of section 29.

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

T43SR1W
C 1/4
S29
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

80.027 The 1/4 section corner of sections 20 and 29, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above the ground, with brass cap marked as described in the official record of the 1917 survey.

from which the original bearing trees

A juniper, 18 inches diameter, bears N. 52° E., 127 links distance, with faint scribe marks visible through a mostly healed blaze.

A juniper limb, 10 inches diameter, bears S. 52° W., 120 links distance, scribed 1/4 S29 BT. (Record: 123 links)

Corner falls on level rolling sand.

From the 1/4 section corner of sections 28 and 29.

N. 89°56.7' W., on the E-W centerline of section 29.

39.894 The center 1/4 section corner of section 29.

THE SUBDIVISION OF SECTION 29,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

- 59.934 Point for the center W 1/16 section corner of section 29; not monumented.
- 79.974 The 1/4 section corner of sections 29 and 30.
-

From the point for the W 1/16 section corner of sections 29 and 32.

N. 0°02.0' W., on the N-S centerline of the SW 1/4 of section 29.

- 20.013 Point for the SW 1/16 section corner, at intersection with the E-W centerline of the SW 1/4 of section 29; not monumented.
- 23.761 Intersect the line between Angle Points 47 and 48, of the metes-and-bounds survey of the Paria Canyon - Vermilion Cliffs Wilderness boundary, hereinafter described.
- 40.026 The point for the center W 1/16 section corner of section 29.
-

From the point for the center S 1/16 section corner of section 29.

N. 89°58.9' W., on the E-W centerline of the SW 1/4 of section 29.

- 20.048 The point for the SW 1/16 section corner of section 29.
- 30.072 Point for the center W-SW 1/64 section corner of section 29.

Note: This point also functions as Angle Point 49 of the Paria Canyon - Vermilion Cliffs Wilderness boundary.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground, to solid rock, with aluminum cap marked:

C-W-SW
1/64
S29
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a gradual south slope in scattering juniper growth.

- 40.096 The point for the S 1/16 section corner of sections 29 and 30.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Metes-and-Bounds Survey of the Paria Canyon -
Vermilion Cliffs Wilderness Boundary,
T. 43 S., R. 1 W., Salt Lake Meridian, Utah

From the corner of sections 1 and 36 only on the east boundary of the township, hereinbefore described.

N. 0°02.3' W., on the east boundary of section 36.

32.756 The true point for the 1/4 corner of sec. 31 only. T. 43 S., R. 1 E., hereinbefore described.

N. 0°26.2' E., beginning new measurement.

7.775 The true point for the 1/4 cor. of sec. 36 only, hereinbefore described.

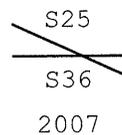
N. 0°02.0' E., beginning new measurement.

31.966 Angle Point 1, on the east boundary of the township, identical with the corner of sections 30 and 31 only in Township 43 South, Range 1 East, hereinbefore described.

N. 59°42.0' W., on a portion of line 1 - 2, in section 36.

15.919 Intersect the line between sections 25 and 36.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

Note: Begin informative traverse.

N. 59°42.0' W., on a portion of line 1-2, in section 25.

8.051 Point for Angle Point 2; not monumented.

N. 43°59.0' W., on line 2 - 3.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

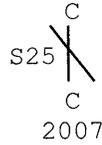
CHAINS

19.379 Point for Angle Point 3; not monumented.

N. 36°31.0' W., on a portion of line 3 - 4.

9.908 Point at intersection with the N-S centerline of section 25.

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

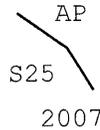


Note: End informative traverse.

N. 36°31.0' W., on a portion of line 3 - 4, in section 25.

3.592 Point for Angle Point 4.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

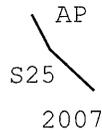
Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 49.44.0' W., on line 4 - 5.

6.758 Point for Angle Point 5.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

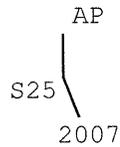
Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 23°57.0' W., on line 5 - 6.

8.591 Point for Angle Point 6.

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



Deposited a magnet enclosed in a plastic case at the base of the stainless steel post.

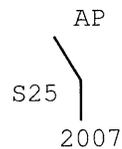
Set a steel fence post alongside the stainless steel post.

Corner falls on a northeast sandy slope.

N. 0°47.0' W., on line 6 - 7.

19.848 Point for Angle Point 7.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a northwest sandy slope.

N. 39°58.0' W., on line 7 - 8.

9.530 Point for Angle Point 8.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 28 inches in the ground, with aluminum cap marked:

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

AP

 S25
 2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 63°26.0' W., on line 8 - 9.

4.000 Point for Angle Point 9.

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

AP

 S25
 2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on rolling sandy ground.

N. 24°58.0' W., on line 9 - 10.

8.258 Point for Angle Point 10.

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

AP

 S25
 2007

Deposited a magnet enclosed in a plastic case at the base of the stainless steel post.

Set a steel fence post alongside the stainless steel post.

Corner falls on level sandy ground.

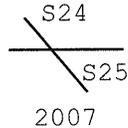
METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 39°20.0' W., on a portion of line 10 - 11.

3.128 Intersect the line between sections 24 and 25.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

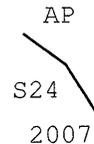
Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 39°20.0' W., on a portion of line 10 - 11, in section 24.

11.205 Point for Angle Point 11.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

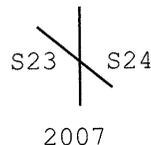
Set a steel fence post alongside the aluminum post.

Corner fall on rolling sandy ground.

N. 61°17.0' W., on a portion of line 11 - 12.

7.653 Intersect the line between sections 23 and 24.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 20 inches in the ground, with aluminum cap marked:



METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on a west-facing sandy slope.

N. 61°17.0' W., on a portion of line 11 - 12, in section 23.

7.483 Point for Angle Point 12.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 6 inches in the ground, to solid rock, in a mound of stone, 2 ft. base by 2 ft. high, with aluminum cap marked:



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

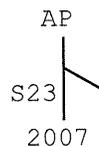
Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 51°20.1' W., on line 12 - 13.

4.405 Point for Angle Point 13.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level sandy ground.

N. 0°01.2' E., on line 13 - 14, on the N-S centerline of the SE 1/4 of the SE 1/4 of section 23.

1.287 The center E-SE 1/64 section corner of section 23.

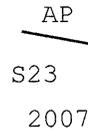
METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. 0°01.1' E., on the N-S centerline of the NE 1/4 of the SE 1/4 of sec. 23.

- 4.238** Point for Angle Point 14, at intersection with the southerly line of the 500 KV Navajo-McCullough Power Line right-of-way.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 6 inches in the ground to solid rock, in a mound of stone, 3 ft. base by 3 ft. high, with brass cap marked:



Corner falls 38 links east of rim of Paria River Canyon.

N. 78°38.5' W., on line 14 - 15, along the southerly line of the 500 KV Navajo-McCullough Power Line right-of-way.

- 10.203** Intersect the N-S centerline of the SE 1/4 of section 23; not monumented.

- 28.606** Point for Angle Point 15.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:



Set a steel fence post alongside the aluminum drive rod.

Corner falls on south slope with washes.

S. 0°53.6' W., on line 15 - 16.

- 6.967** Point for Angle Point 16; not monumented.
-

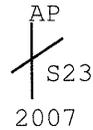
S. 54°58.5' W., on line 16 - 17.

- 2.268** Intersect the N-S centerline of section 23.

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

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS



Deposited a magnet enclosed in a plastic case at base of aluminum post.

Set a steel fence post alongside the aluminum post.

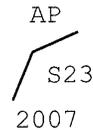
Corner falls on level ground.

5.135 Point for Angle Point 17; not monumented.

S. $34^{\circ}36.6'$ W., on line 17-18.

5.635 Point for Angle Point 18.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:



Set a steel fence post alongside the aluminum drive rod.

Corner falls on level ground.

S. $5^{\circ}46.6'$ W., on line 18-19.

5.029 Point for Angle Point 19; not monumented.

S. $7^{\circ}39.4'$ E., on line 19-20

5.983 Point for Angle Point 20.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:



Set a steel fence post alongside the aluminum drive rod.

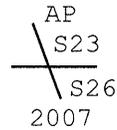
Corner falls on level ground in juniper growth.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

S. 21°24.4' E., on a portion of line 20-21.

- 4.609** Intersect the line between sections 23 and 26.
Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked:



Set a steel fence post alongside the aluminum post.

Corner falls on a gradual northwest slope in sagebrush and scattering juniper growth.

S. 21°24.4' E., on a portion of line 20 - 21, in section 26.

- 3.645** Point for Angle Point 21; not monumented.

S. 9°50.4' E., on line 21-22.

- 15.404** Point for Angle Point 22.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 10 inches in the ground, in a mound of stone, 2 ft. base, with a 3 1/4 inches diameter aluminum cap marked:



Corner falls on a gradual northwest slope in scattering juniper growth.

S. 5°32.6' W., on line 22-23.

- 5.847** Point for Angle Point 23; not monumented.

S. 23°39.6' W., on line 23-24.

- 14.132** Point for Angle Point 24; not monumented.

S. 35°27.6' W., on line 24-25.

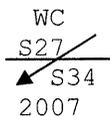
- 21.296** Point for Angle Point 25.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
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CHAINS

- 0.197** Point selected for the witness corner on line between sections 27 and 34.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on east edge of deep wash, drains north.

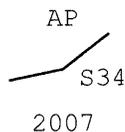
- 0.499** True point on line between sections 27 and 34.

True point falls on east bank of deep wash, drains north; not suitable for permanent monumentation.

S. 65°02.5' W., on a portion of line 27 - 28, in section 34.

- 6.908** Point for Angle Point 28.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 20 inches in the ground, to solid rock, with a 3 1/4 inches diameter aluminum cap marked:



Corner falls on level ground in scattering juniper growth.

S. 86°24.6' W., on line 28-29.

- 11.981** Point for Angle Point 29.

Set a steel fence post at corner point.

N. 82°03.4' W., on line 29-30.

- 9.724** Point for Angle Point 30.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
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CHAINS

AP
~~S34~~
 2007

Corner falls on level ground in scattering juniper growth.

N. 64°43.4' W., on a portion of line 30-31.

5.432 Intersect the line between sections 27 and 34.

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

AP
~~S27~~
 S34
 2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

N. 64°43.4' W., on a portion of line 30 - 31, in section 27.

10.396 Point for Angle Point 31.

Set a steel fence post at the corner point.

N. 77°28.4' W., on line 31-32.

7.482 Point for Angle Point 32.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
~~S27~~
 2007

Corner falls on level ground in scattering juniper growth.

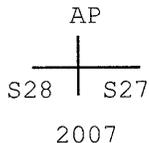
S. 87°02.6' W., on a portion of line 32-33.

25.632 Intersect the line between sections 27 and 28.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, 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:



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

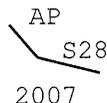
S. 87°02.6' W., on a portion of line 32 - 33, in section 28.

8.524 Point for Angle Point 33; not monumented.

N. 74°42.4' W., on line 33-34.

9.936 Point for Angle Point 34.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:



Corner falls on level ground in scattering juniper growth.

N. 32°11.4' W., on line 34-35.

3.635 Intersect the N-S centerline of the SE 1/4 section 28, hereinbefore described.

Note: This corner also functions as Angle Point 35.

N. 32°09.1' W., on line 35-36.

3.254 Point for Angle Point 36; not monumented.

N. 19°46.1' W., on line 36-37.

7.697 Intersect the E-W centerline of the SE 1/4 section 28.

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

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
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CHAINS

C ——— C
S28
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

19.386 Point for Angle Point 37; not monumented.

N. 44°22.1' W., on line 37-38.

6.899 Point for Angle Point 38.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 10 inches in the ground, to solid rock, in a mound of stone, 3 ft. base, with a 3 1/4 inches diameter aluminum cap marked:

AP
S28
2007

Corner falls on a gradual southwest-facing slope in scattering juniper growth.

N. 71°01.1' W., on line 38-39.

5.347 Point for Angle Point 39, not monumented.

N. 89°50.1' W., on line 39-40.

1.860 Intersect the N - S centerline of section 28.

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

C
+
S28 |
C
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
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CHAINS

Corner falls on a gradual south-facing slope in scattering juniper growth.

14.430 Point for Angle Point 40.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 20 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
/—
S28
2007

Corner falls on level ground in scattering juniper growth.

S. 75°07.9' W., on line 40-41.

18.633 Point for Angle Point 41; not monumented.

S. 77°20.9' W., on a portion of line 41-42.

9.720 Intersect the line between sections 28 and 29.

Set a rebar, 5/8 inch diameter, 10 inches long, 8 inches in the ground, with a 3 1/4 inches diameter, aluminum cap marked:

AP
—|—
S29|S28
2007

Raised a small mound of stone east of the rebar and cap.

Set a steel fence post alongside the rebar and cap.

Corner falls 30 feet north of rim of deep canyon, on level ground in scattering juniper growth.

S. 77°20.9' W., on a portion of line 41 - 42, in section 29.

13.371 Point for Angle Point 42.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 20 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
/—
S29
2007

Corner falls on level ground in scattering juniper growth.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
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CHAINS

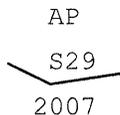
S. 68°21.9' W., on line 42-43.

9.746 Point for Angle Point 43; not monumented.

S. 84°04.9' W., on line 43-44.

8.571 Point for Angle Point 44.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 15 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:



Corner falls on level ground alongside a juniper.

N. 76°34.1' W., on line 44-45.

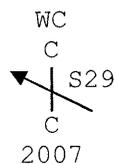
6.191 Point for Angle Point 45.

Set a steel fence post at the corner point.

N. 66°32.1' W., on line 45-46.

3.347 Point selected for the witness corner of the intersection with the N-S centerline of section 29.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 10 inches in the ground, to solid rock, in a mound of stone, 3 ft. base to top of aluminum cap marked:



Corner falls on level ground next to a sandstone cliff.

3.524 True point at intersection with the N-S centerline of section 29.

True point falls on a sandstone cliff overhang, not suitable for permanent monumentation.

6.115 Point for Angle Point 46; not monumented.

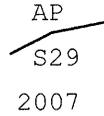
S. 87°43.9' W., on line 46-47.

7.863 Point for Angle Point 47.

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CHAINS

Set an aluminum drive rod, 5/8 inch diameter 30 inches long, 15 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

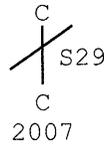


Corner falls on a gradual south-facing slope in scattering juniper growth.

S. 71°57.9' W., on line 47-48.

10.317 Intersect the N-S centerline of the SW 1/4 of section 29.

Set an aluminum drive rod, 5/8 inch diameter 10 inches long, 5 inches in solid rock, with a 3 1/4 inches diameter aluminum cap marked:



Corner falls on a gradual south-facing sandstone rock face.

16.207 Point for Angle Point 48.

Set a steel fence post at the corner point.

S. 66°30.9' W., on line 48-49.

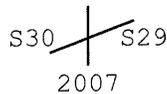
4.820 The center W-SW 1/64 section corner of section 29.

Note: This corner point also functions as Angle Point 49, hereinbefore described.

S. 66°40.1' W., on a portion of line 49-50

10.915 Intersect the line between sections 29 and 30.

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



Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
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CHAINS

Corner falls at the base of a sand dune.

S. 66°40.1' W., on a portion of line 49-50, in section 30.

4.804 Point for Angle Point 50.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
/_____
S30
2007

Corner falls on level ground in scattering juniper growth.

S. 59°23.1' W., on line 50-51.

25.495 Point for Angle Point 51; not monumented.

S. 49°12.2' W., on a portion of line 51-52.

1.227 Intersect the line between sections 30 and 31.

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

~~S30~~
/_____
S31
2007

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

S. 49°12.2' W., on a portion of line 51-52, in section 31.

10.433 Point for Angle Point 52.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
/_____
S31
2007

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

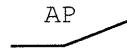
CHAINS

Corner falls on level ground in scattering juniper growth.

S. 66°18.1' W., on line 52-53.

11.463 Point for Angle Point 53.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP

 S31
 2007

Corner falls on level ground in scattering juniper growth.

N. 88°02.9' W., on line 53-54.

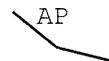
6.537 Point for Angle Point 54.

Set a steel fence post at the corner point.

N. 64°28.9' W., on line 54-55.

4.819 Point for Angle Point 55.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP

 S31
 2007

Corner falls on level ground in scattering juniper growth.

N. 33°49.9' W., on line 55-56.

10.520 Point for Angle Point 56; not monumented.

N. 36°52.9' W., on a portion of line 56-57.

0.502 Intersect the line between sections 30 and 31.

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

~~S30~~

 S31
 2007

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
 VERMILION CLIFFS WILDERNESS BOUNDARY,
 TOWNSHIP 43 SOUTH, RANGE 1 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Deposited a magnet enclosed in a plastic case at the base of the aluminum post.

Set a steel fence post alongside the aluminum post.

Corner falls on level ground in scattering juniper growth.

N. 36°52.9' W., on a portion of line 56-57, in section 30.

6.582 Point for Angle Point 57.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
 S30
 2007

Corner falls on level ground in scattering juniper growth.

N. 60°01.9' W., on line 57-58.

3.056 Point for Angle Point 58; not monumented.

N. 81°43.9' W., on line 58-59.

5.123 Point for Angle Point 59.

Set an aluminum drive rod, 5/8 inch diameter, 30 inches long, 22 inches in the ground, with a 3 1/4 inches diameter aluminum cap marked:

AP
 S30
 2007

Corner falls on level ground in scattering juniper growth.

N. 89°23.9' W., on line 59-60.

5.169 Point for Angle Point 60, identical with Angle Point 1, T. 43 S., R. 2 W.

Set a stainless steel post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with brass cap marked:

AP
 S25 | S30
 2007

METES-AND-BOUNDS SURVEY OF THE PARIA CANYON -
VERMILION CLIFFS WILDERNESS BOUNDARY,
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CHAINS

Deposited a magnet enclosed in a plastic case at the base of the stainless steel post.

Set a steel fence post alongside the stainless steel post.

Corner falls on level ground in scattering juniper growth.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

Name	Capacity
Larry Judd	Cadastral Surveyor
Scott Bishop	Cadastral Surveyor
Dale Graff	Cadastral Surveyor
Quade Johnson	Survey Technician

CERTIFICATE OF SURVEY

I, *Jeremy D. Davis, Cadastral Surveyor, under the Supervision of Ronald K. Baugh, Supervisory Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *July 20, 2004*, I have *dependently resurveyed a portion of the east boundary (Salt Lake Meridian), a portion of the west boundary, a portion of the subdivisional lines, and subdivided sections 23, 25, 28, and 29, the metes-and-bounds survey of Paria Canyon - Vermilion Cliffs Wilderness boundary, an informative traverse through section 25, in Township 43 South, Range 1 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.

April 28, 2011

Date



Cadastral Surveyor

May 04, 2011

Date



Supervisory Cadastral Surveyor

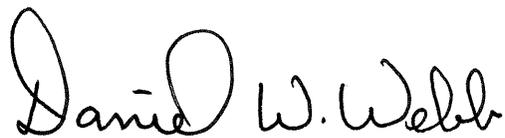
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the east boundary (Salt Lake Meridian), a portion of the west boundary, a portion of the subdivisional lines, and the subdivision of sections 23, 25, 28, and 29, the metes-and-bounds survey of Paria Canyon - Vermilion Cliffs Wilderness boundary, an informative traverse through section 25, in Township 43 South, Range 1 West, Salt Lake Meridian, Utah*, executed by *Jeremy D. Davis, Cadastral Surveyor, under the Supervision of Ronald K. Baugh, Supervisory Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

June 29, 2012

Date



Chief Cadastral Surveyor for Utah