

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE EAST BOUNDARY OF
THE WHITE MOUNTAIN APACHE INDIAN RESERVATION
THRU PARTIALLY SURVEYED
TOWNSHIP 5 NORTH, RANGE 27 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated August 24, 2012, approved August 24, 2012, which provided for the surveys included under Group No. 1108, and assignment instructions dated October 11, 2012.

Survey commenced October 16, 2012

Survey completed November 15, 2012

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PARTIALLY SURVEYED TOWNSHIP 5 NORTH RANGE 27 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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Partially Surveyed T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the east boundary of the White Mountain Apache Indian Reservation thru Partially Surveyed Township 5 North, Range 27 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The east boundary of the White Mountain Indian Reservation, in the area surveyed was established by an Executive Order, dated July 21, 1874. In 1883 W.R. Fitzgerald surveyed the south boundary of the township, identical with the First Standard Parallel North, and established a standard closing corner at the computed intersection with the east boundary of the White Mountain Indian Reservation. In 1883, Fitzgerald from the standard closing corner, surveyed the west boundary of the township, identical with the east boundary of the White Mountain Indian Reservation, establishing corners at intervals of 40.00 and 80.00 chs. distance. In 1913 William B. Kimmel executed an independent resurvey of the east boundary of the Fort Apache Indian Reservation, marking all mile and half mile corners as White Mountain Indian Reservation, the original designation of the entire line. Kimmel recovered and destroyed old closing corners of accepted surveys and reestablished them on the resurveyed reservation boundary. In 1969, John H. Witmer recovered mile post 7, on the east boundary of the White Mountain Apache Indian Reservation and established new bearing trees.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated August 24, 2012, for Group Number 1108, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 and R8 model receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS). The NAD 83(2011), geographic position of the 3 1/2 mile post, is as follows:

Latitude: 33°51'53.102" N.

Longitude: 109°29'43.423" W.

Partially Surveyed T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

The NAD 83(2011), geographic position of the 9 1/2 mile post, is as follows:

Latitude: 33°46'39.716" N. Longitude: 109°29'43.569" W.

The mean magnetic declination is 10° E.

**Dependent Resurvey of a Portion of the East Boundary, of the
White Mountain Apache Indian Reservation, thru Partially
Surveyed T. 5 N., R. 27 E., Gila and Salt River Meridian, AZ**

Restoring the independent resurvey executed by
William B. Kimmel, in 1913

Beginning at mile post 3 1/2, in Partially Surveyed T. 6 N., R. 27 E., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd. WMIR 3 1/2 M 1913, from which the remaining 1913 bearing tree;

A fir, 23 ins. diam., bears S. 15° E., 11 lks. dist., with a healed blaze.

and a new bearing tree

A fir, 9 ins. diam., bears N. 35° E., 18.5 lks. dist., mkd. X at breast height and BT at base.

A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing east and attached USFS signs # 54-2 and # 54-4 facing W.

Cor. is located in a downed barbed wire fence, bears N. and S.

Add the marks T6N R27E to the E. side of brass cap and the marks 2013 at the bottom of the brass cap.

S. 0°04' W., on the E. bdy. of the White Mountain Apache Indian Reservation.

Descending over rolling land, through heavy fir, spruce, aspen and pine timber, along barbed wire fence.

1.40

The closing cor. to Partially Surveyed Tps. 5 and 6 N., R. 27 E., monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd. WMIR T6N R27E S33 CC S4 T5N R27E 1913, from which the remains of a 1913 bearing tree;

A root hole, 48 ins. diam., bears S. 57° E., 30 lks. dist., with a dead and downed aspen alongside.

Dependent Resurvey of a Portion of the East Boundary,
of the White Mountain Apache Indian Reservation, thru Partially Surveyed
T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Cor. is located alongside a barbed wire fence, bears N. and S.</p>
	<p>Add the marks 2012 to the brass cap.</p>
	<p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 1.5 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 1.5 lks. S. of cor.</p>
5.28	<p>A 1913 line tree, a fir, 30 ins. diam., with hack marks on S. side.</p>
19.30	<p>A 1913 line tree, a fir, 32 ins. diam., no marks visible.</p>
30.53	<p>Remains of a 1913 line tree, rotting fir stump, 30 in. diam., 24 ins. high.</p>
40.03	<p>Mile post 4, monumented with an iron post, 3 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. WMIR 4M T5N R27E S4 1913, from which the remaining 1913 bearing trees;</p>
	<p>A fir, 18 ins. diam., bears N. 67° E., 44 lks. dist., with a healed blaze.</p>
	<p>An aspen stump, 24 ins. diam., bears S. 44° E., 44 lks. dist., no marks visible.</p>
	<p>A rotting aspen stump, 12 ins. diam., 6 ins. high, bears N. 51 1/4° W., 90 lks. dist., no marks visible.</p>
	<p>and new bearing trees</p>
	<p>A spruce, 6 ins. diam., bears S. 12° W., 46 lks. dist., mkd. X at breast height and BT at base.</p>
	<p>A spruce, 9 ins. diam., bears N. 25° W., 23.5 lks. dist., mkd. X at breast height and BT at base.</p>
	<p>Cor. is located in a downed barbed wire fence, bears N. and S.</p>
	<p>A steel fence post, is set alongside the cor., with attached USFS signs # 54-2 and # 54-4 facing W. Add USFS sign # 54-9, to the steel fence post.</p>
	<p>Add the marks 2012 to the brass cap.</p>
	<p>Set a steel fence post, alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION.</p>
	<hr/> <p>S. 0°06' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p>

**Dependent Resurvey of a Portion of the East Boundary,
of the White Mountain Apache Indian Reservation, thru Partially Surveyed
T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	Descending over rolling land, through heavy fir, spruce, aspen and pine timber, along barbed wire fence.
34.38	Remains of a 1913 line tree, a fir stump, 48 ins. diam., 36 ins. high.
37.02	The closing cor. of secs. 4 and 9, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. WMIR CC T5N S4 S9 R27E 1913, from which the remaining 1913 bearing tree; <p style="margin-left: 40px;">A pine, 32 ins. diam., bears S. 76 1/2° E., 60 lks. dist., with a healed blaze.</p> <p>and a bearing tree not of record</p> <p style="margin-left: 40px;">A pine, 12 ins. diam., bears N. 49° E., 68.5 lks. dist., with a healed blaze.</p> <p>Cor. is located in a downed barbed wire fence, bears N. and S.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p>
40.00	Mile post 4 1/2, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. WMIR 4 1/2 M 1913, from which the 1913 bearing trees; <p style="margin-left: 40px;">An aspen snag, 32 ins. diam., bears N. 57 3/4° E., 55 lks. dist., with a healed blaze. (Rec. N. 10 1/4° W.)</p> <p style="margin-left: 40px;">A pine, 26 ins. diam., bears N. 10 1/4° W., 80 lks. dist., with a healed blaze. (Rec. N. 57 3/4° E.)</p> <p>and a new bearing tree</p> <p style="margin-left: 40px;">A fir, 12 ins. diam., bears S. 85° W., 34 lks. dist., mkd. X at breast height and BT at base.</p> <p>Add the marks T5N R27E S9 to the E. side of the brass cap and the marks 2013 at the bottom of the brass cap.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/> <p>S. 0°05' W., beginning new measurement.</p>

Dependent Resurvey of a Portion of the East Boundary,
of the White Mountain Apache Indian Reservation, thru Partially Surveyed
T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
24.34	Remains of a 1913 line tree, a rotting pine stump, 36 ins. diam., 12 ins. high.
40.03	<p>Mile post 5, monumented with an iron post, 3 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. WMIR 5M T5N R27E S9 1913.</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A spruce, 8 ins. diam., bears N. 47° E., 51 lks. dist., mkd. X at breast height and BT at base.</p> <p style="padding-left: 40px;">A spruce, 12 ins. diam., bears S. 50° E., 44 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. S. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. N. of cor.</p> <hr/> <p>S. 0°02' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Across meadows through burnt timber, along barbed wire fence.</p>
27.30	Forest Service road No. 116, graded, 20 ft. wide, bears S. 25° E. identical with Indian Route Y20, bears N. 25° W.
37.24	<p>The closing cor. of secs. 9 and 16, monumented with an iron post, 2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. WMIR CC T5N S9 S16 R27E 1913, from which the remains of the 1913 bearing trees;</p> <p style="padding-left: 40px;">A burnt spruce stump, 22 ins. diam., 6 ins. high, bears N. 74 3/4° E., 551 lks. dist.</p> <p style="padding-left: 40px;">A burnt pine stump, 36 ins. diam., 6 ins. high, bears S. 7 1/2° E., 83 lks. dist.</p> <p>Cor. is located alongside a burnt barbed wire fence, bears N. and S., a steel fence post with burnt USFS sign # 54-2 is nearby.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Remove the burnt sign and post, and set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. S. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. N. of cor.</p>

**Dependent Resurvey of a Portion of the East Boundary,
of the White Mountain Apache Indian Reservation, thru Partially Surveyed
T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.01	<p>Mile post 5 1/2, monumented with an iron post, 1 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd. WMIR 5 1/2 M 1913, from which the remains of the 1913 bearing trees;</p> <p style="padding-left: 40px;">A burnt aspen snag, 25 ins. diam., bears S. 87 1/4° E., 99 lks. dist.</p> <p style="padding-left: 40px;">A burnt pine, 30 ins. diam., bears N. 52° W., 17 lks. dist.</p> <p>and new reference monuments</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, bears S. 45°00' E., 66.0 ft. dist. with brass cap mkd. RM T5N R27E 66.0 FT TO COR. S16 MP 5 1/2 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 21 ins. in the ground, bears S. 45°00' W., 66.0 ft. dist. with brass cap mkd. RM T5N R27E 66.0 FT TO COR. FAIR MP 5 1/2 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located alongside a burnt barbed wire fence, bears N. and S., a steel fence post with burnt USFS sign # 54-2 is nearby.</p> <p>Add the marks T5N R27E S16 to the E. side of brass cap and the marks 2012 at bottom of brass cap.</p> <p>Remove the burnt sign and post, and set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. S. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. N. of cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="padding-left: 40px;">S. 0°07' W., beginning new measurement.</p>
24.50	Spring, on line.
40.04	<p>Mile post 6, monumented with an iron post, 3 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. WMIR 6M T5N R27E S16 1913.</p> <p>from which new reference monuments</p>

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T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, bears S. 45°00' E., 33.0 ft. dist. with brass cap mkd. RM T5N R27E 33.0 FT TO COR. S16 MP 6 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 25 ins. in the ground, bears S. 45°00' W., 33.0 ft. dist. with brass cap mkd. RM T5N R27E 33.0 FT TO COR. FAIR MP 6 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located in a meadow, within a barbed wire fence, bears N. and S., a mound of stone, 4 ft. base, 2 ft. high is W. of cor.</p> <p>Add the marks 2012 to the brass cap.</p>
37.10	<p>S. 0°06' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Across meadows through burnt timber, along barbed wire fence.</p> <p>The closing cor. of secs. 16 and 21, monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. WMIR CC T5N S16 S21 R27E 1913.</p> <p>Cor. is located alongside a burnt barbed wire fence, bears N. and S., a steel fence post with burnt USFS sign # 54-2 is nearby.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Remove the burnt sign and post, and set a steel fence post with attached USFS signs # 54-2 and # 54-9, alongside the cor.</p>
40.02	<p>Mile post 6 1/2, monumented with an iron post, 1 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR 6 1/2 M 1913, from which the remaining 1913 bearing tree;</p> <p>A pine, 30 ins. diam., bears N. 31 1/2° E., 30 lks. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p>A spruce, 6 ins. diam., bears N. 60° W., 7 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located alongside a burnt and downed barbed wire fence, bears N. and S.</p>

Dependent Resurvey of a Portion of the East Boundary,
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T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

Add the marks T5N R27E S21 to the E. side of brass cap and the marks 2012 at bottom of brass cap.

Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 1 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.

S. 0°09' W., beginning new measurement.

39.97 Mile post 7, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. WMIR 7M T5N R27E S21 1913, from which the remains of the 1913 bearing trees;

A spruce snag, 17 ins. diam., bears N. 23° E., 33 lks. dist., no marks visible.

A burnt pine stump, 32 ins. diam., 36 ins. high, bears N. 22° W., 57 lks. dist.

and the bearing trees marked by Witmer in 1969

A spruce, 18 ins. diam., bears N. 43 1/2° E., 156 1/2 lks. dist., with a healed blaze. (Rec. white pine)

A burnt pine stump, 24 ins. diam., 9 ins. high, bears S. 51° W., 158 lks. dist.

and new reference monuments

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 22 ins. in the ground, bears S. 70°00' W., 66.0 ft. dist. with brass cap mkd. RM T5N R27E 66.0 FT TO COR. FAIR 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 15 ins. in the ground, bears N. 30°00' W., 66.0 ft. dist. with brass cap mkd. RM T5N R27E 66.0 FT TO COR. FAIR 2012 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

Cor. is located in a barbed wire fence, bears N. and S.

Add the marks 2012 to the brass cap.

South, on the E. bdy. of the White Mountain Apache Indian Reservation.

Dependent Resurvey of a Portion of the East Boundary,
of the White Mountain Apache Indian Reservation, thru Partially Surveyed
T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Descending, through partly burnt pine, aspen, fir and spruce timber, along a barbed wire fence.</p>
0.25	<p>Forest road 116A, graded 15 ft. wide, nears S. 40° E. and N. 40° W.</p>
37.01	<p>The closing cor. of secs. 21 and 28, monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. WMIR CC T5N S21 S28 R27E 1913, from which the 1913 bearing trees;</p> <p style="padding-left: 40px;">An aspen snag, 22 ins. diam., bears N. 36° E., 78 lks. dist., with a burnt blaze.</p> <p style="padding-left: 40px;">A pine, 25 ins. diam., bears S. 46 1/2° E., 77 lks. dist., with a healed blaze.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing east and attached USFS signs # 54-2 and # 54-4 facing W. Attach USFS sign # 54-9 to the steel fence post.</p> <p>Add the marks 2012 to the brass cap.</p>
39.99	<p>Mile post 7 1/2, monumented with an iron post, 1 ins. diam., firmly set, projecting 4 ins. above ground, encircled with a collar of stone, with brass cap mkd. WMIR 7 1/2 M 1913, from which the remains of the 1913 bearing trees;</p> <p style="padding-left: 40px;">A burnt pine stump, 24 ins. diam., 6 ins. high, bears N. 11° E., 62 lks. dist.</p> <p style="padding-left: 40px;">A pine, 29 ins. diam., bears N. 57° W., 53 lks. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 30° E., 36 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located alongside a burnt barbed wire fence, bears N. and S., a steel fence post with burnt USFS sign # 54-4 is nearby.</p> <p>Add the marks T5N R27E S28 to the E. side of brass cap and the marks 2012 at bottom of brass cap.</p> <p>Remove the burnt sign and post, and set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p> <hr style="width: 20%; margin-left: auto; margin-right: auto;"/>

Dependent Resurvey of a Portion of the East Boundary,
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T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	S. 0°16' E., beginning new measurement.
40.04	<p>Mile post 8, monumented with an iron post, 3 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 2 1/2 ft. base, 1 ft. high, with brass cap mkd. WMIR 8M T5N R27E S28 1913, from which the remaining 1913 bearing tree;</p> <p style="padding-left: 40px;">A pine, 29 ins. diam., bears N. 75° E., 41 lks. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears S. 20° E., 35.5 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p> <hr/> <p>S. 0°10' E., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Descending, through partly burnt pine, aspen, fir and spruce timber, along a barbed wire fence.</p>
8.34	A 1913 line tree, a pine, 33 ins. diam., no marks visible.
37.29	<p>The closing cor. of secs. 28 and 33, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd. WMIR CC T5N S28 S33 R27E 1913, from which the remains of a 1913 bearing tree;</p> <p style="padding-left: 40px;">A burnt pine stump, 36 ins. diam., 6 ins. high, bears S. 28° E., 104 lks. dist.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>A loosely set and damaged steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing east and attached USFS signs # 54-2 and # 54-4 facing W.</p> <p>Add the marks 2012 to the brass cap.</p> <p>Remove the damaged sign and post, and set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor.</p>

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CHAINS	
39.99	<p>Mile post 8 1/2, monumented with an iron post, 1 ins. diam., firmly set, projecting 9 ins. above ground, encircled with a collar of stone, with brass cap mkd. WMIR 8 1/2 M 1913.</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A pine, 9 ins. diam., bears S. 70° E., 28.5 lks. dist., mkd. X at breast height and BT at base.</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears N. 10° W., 66.5 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located in a downed barbed wire fence, bears N. and S.</p> <p>A loosely set and damaged steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing east and attached USFS signs # 54-2 and # 54-4 facing W.</p> <p>Add the marks T5N R27E S33 to the E. side of brass cap and the marks 2012 at bottom of brass cap.</p> <p>Remove the damaged fence post and replace with a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. N. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. S. of cor.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>S. 0°01' W., beginning new measurement.</p>
32.54	<p>Remains of a 1913 line tree, a burnt pine stump, 24 ins. diam., 12 ins. high.</p>
40.03	<p>Mile post 9, monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR 9M T5N R27E S33 1913, from which the remains of a 1913 bearing tree;</p> <p style="padding-left: 40px;">A burnt pine stump, 12 ins. diam., 6 ins. high, bears S. 84 1/4° W., 64 lks.</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A pine, 13 ins. diam., bears west, 51.5 lks. dist., mkd. X at breast height and BT at base.</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears N. 5° W., 41 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p> <p>Add the marks 2012 to the brass cap.</p>

Dependent Resurvey of a Portion of the East Boundary,
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T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 1 lks. S. of cor. and a steel fence post with sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, 2 lks. N. of cor.</p> <hr/>
	<p>S. 0°02' W., on the E. bdy. of the White Mountain Apache Indian Reservation.</p> <p>Descending, through partly burnt pine, aspen, fir and spruce timber, along a barbed wire fence.</p>
37.61	<p>The standard closing cor. of T. 5 N., R. 27 E., at intersection with the 1st Stan. Par. N., monumented with an iron post, 3 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. WMIR CC T5N R27E S33 PL 1913, from which the remains of a 1913 bearing tree;</p> <p style="padding-left: 40px;">A stump hole, 40 ins. diam., bears S. 40 1/2° E., 64 lks. dist., with a dead and burnt pine alongside.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p>
	<p>Add the marks T4N R27 1/2 E to the SE quadrant of the brass cap and the marks 2012 at the bottom of the brass cap.</p> <p>Set a steel fence post with attached USFS signs # 54-2 and # 54-9, 2 lks. S. of cor.</p>
40.02	<p>Mile post 9 1/2, in unsurveyed T. 4 N., R 27 1/2 E., monumented with an iron post, 1 ins. diam., firmly set, projecting 8 ins. above ground, encircled with a collar of stone, with brass cap mkd. WMIR 9 1/2 M 1913.</p>
	<p>from which new bearing trees</p> <p style="padding-left: 40px;">A pine, 19 ins. diam., bears S. 50° W., 33 lks. dist., mkd. X at breast height and BT at base.</p> <p style="padding-left: 40px;">A pine, 14 ins. diam., bears N. 5° W., 21.5 lks. dist., mkd. X at breast height and BT at base.</p> <p>Cor. is located in a barbed wire fence, bears N. and S.</p>
	<p>Add the marks T4N R27 1/2 E to the E side of the brass cap and the marks 2012 at the bottom of the brass cap.</p> <p>A steel fence post, is set alongside the cor., with attached sign mkd. BOUNDARY FORT APACHE INDIAN RESERVATION, facing east and attached USFS signs # 54-2 and # 54-4 facing W. Attach USFS sign # 54-9 to the steel fence post.</p> <hr/>

Partially Surveyed T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area resurveyed is within the east and southeast foothills of Mount Baldy, the highest peak in the White Mountains.

The terrain is rolling with dense stands of firs, spruce, pine and aspen, interspersed with meadows. Varying degrees of burnt timber was noted, from mile post five to mile post 9 1/2.

Access is provided by Forest Service Road # 116 and 116A. The elevations range from about 8200 ft. to 9200 ft. NGVD 88.

The mean magnetic declination of 10° E. was derived from the National Oceanic and Atmospheric Administration, on line magnetic field calculator for a date of the survey.

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 24th day of August, 2012, I have dependently resurveyed the east boundary of The White Mountain Apache Indian Reservation thru Partially Surveyed Township 5 North, Range 27 East, of the Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and in specific manner described in the foregoing field notes.

JUNE 10, 2014
(Date)

Gordon R. Bubel
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the east boundary of The White Mountain Apache Indian Reservation thru Partially Surveyed Township 5 North, Range 27 East, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

6/17/2014
(Date)

[Signature]
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in Partially Surveyed T. 5 N., R. 27 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

~~_____
(Chief Cadastral Surveyor of Arizona)~~