

ORIGINAL

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

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES,  
THE SUBDIVISION OF SECTION 34,  
AND A METES-AND-BOUNDS SURVEY  
IN  
SECTION 34  
**TOWNSHIP 6 NORTH, RANGE 29 EAST,**  
OF THE GILA AND SALT RIVER MERIDIAN,  
IN THE STATE OF ARIZONA.

**EXECUTED BY**

**Gordon R. Bubel, Cadastral Surveyor**

Under Special Instructions dated October 13, 2010, approved October 13, 2010, which provided for the surveys included under Group No. 1086, and assignment instructions dated October 13, 2010.

**Survey commenced November 3, 2010**

**Survey completed November 10, 2010**

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GILA AND SALT RIVER MERIDIAN, ARIZONA

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## T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, the subdivision of section 34 and a metes-and-bounds survey in section 34, Township 6 North, Range 29 East, Gila and Salt River Meridian, Arizona.

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

W.R Fitzgerald, United States Deputy Surveyor, surveyed the north, south, east and west boundaries and the subdivisional lines, in 1883. In 1936, Roger F. Wilson, United States Surveyor and Carroll I. Parkman, United States Transitman, resurveyed the north, south and west, boundaries and the subdivisional lines. In 1968, George Sohn, deceased Arizona Professional Engineer (CIVIL) Number 2510, subdivided sections 27 and 34, identifying Homestead Entry Certificate Number 818. In 2007, Jody A. Stone, Arizona Registered Land Surveyor Number 37401, subdivided the northeast quarter of section 34.

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 October 13, 2010, for Group Number 1086, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 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. 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 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), utilizing Continuously Operating Reference Stations (CORS) DUECECLUBSAZ2005 CORS ARP, SAFFORD CORS ARP, PIETOWN CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002.0000), geographic position of the 1/4 section corner of sections 3 and 34, on the south boundary of the township, is as follows:

Latitude: 33°51'53.88" N.                      Longitude: 109°16'19.25" W.

The mean magnetic declination is 10 1/4° E.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the resurvey executed by Roger F. Wilson and Carroll I. Parkman, in 1936</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 34 and 35, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd. 1/4 S34 S35 1936.</p> <p>from which the orig. 1883 bearing tree</p> <p style="padding-left: 40px;">A pine snag, 34 ins. diam., bears S. 45 3/4° W., 10 lks. dist., with a rotted blaze.</p> <p>and the 1936 bearing trees</p> <p style="padding-left: 40px;">A pine snag, 18 ins. diam., bears S. 68° E., 16 lks. dist. mkd. 1/4 S 35 BT, on an open blaze. (Record: 15 lks. dist.)</p> <p style="padding-left: 40px;">A pine snag, 19 ins. diam., bears S. 74 3/4° W., 29 lks. dist., mkd. 1/4 S 34 BT, on a partially healed blaze. (Record: 25 lks. dist.)</p> <p>Add the marks T6N R29E 2010 to the brass cap.</p> <p>A steel fence post, with attached USFS sign # 54-4, is set 1 lk. N. of the cor.</p> <p>N. 0°10' E., bet. secs. 34 and 35.</p> <p>Descending, over W. facing slope, through pine, fir and spruce timber.</p>
15.50	USFS road No. 249, graded, 30 ft. wide, bears S. 70° E. and N. 70° W., curving to the S.
19.815	Point for the N. 1/16 sec. cor. of secs. 34 and 35. Not monumented.
39.08	Barbed wire fence, bears S. 60° E. and N. 60° W.
39.63	The cor. of secs. 26, 27, 34 and 35, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, in a collar of stone, with brass cap mkd. T6N R29E S27 S26 S34 S35 1936.
	<p>from which the remaining 1936 bearing tree</p> <p style="padding-left: 40px;">A pine, 32 ins. diam., bears S. 43 1/2° E., 2.08 chs. dist., with a healed blaze. (Record: 206 lks. dist.)</p> <p>Add the marks 2010 to the brass cap.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A steel fence post, with attached USFS sign # 54-4, is set 2 lks. N. of the cor.</p> <hr/>
	<p>N. 85°34' W., bet. secs. 27 and 34. Over rolling land, through native grasses.</p>
20.015	<p>Point for the E. 1/16 sec. cor. of secs. 27 and 34. Not monumented.</p>
40.03	<p>The 1/4 sec. cor. of secs. 27 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd. 1/4 S27 S34 1936. The 1936 bearing trees were not recovered. Add the marks T6N R29E 2010 to the brass cap. A steel fence post, with attached USFS sign # 54-4, is set 1 lk. W. of the cor. Cor. is located in a barbed wire fence, bears S. 1° E. and N. 1° W., 8 lks. N., of intersection with a barbed wire fence bearing W.</p> <hr/>
	<p style="text-align: center;"><b>Subdivision of Section 34, T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona</b></p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 3 and 34, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, in a collar of stone, with brass cap mkd. 1/4 S34 S3 1936. Add the marks T6N R29E 2010 T5N to the brass cap. A steel fence post, is set alongside and N. of the cor. Cor. is located 23 lks. W. of a barbed wire fence, bears N. 1° E. and S. 1° W. N. 0°37' E., on the N. and S. center line of sec. 34. Over a open meadow, through abundant native grasses.</p>

Subdivision of Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.58	<p>The center 1/4 sec. cor. of sec. 34, established by George Sohn, deceased, Professional Engineer (Civil) No. 2510, in 1968, as per an unrecorded, "Result of Survey" obtained from the USFS, monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with attached 1 1/2 ins. diam., aluminum cap, stamped PE 2510 CTR S34 T6N R29E 1967. This is accepted as a careful and faithful establishment of the orig. cor. position. Not remonumented.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°37' E., beginning new measurement.</p>
21.18	<p>The center N. 1/16 sec. cor. of sec. 34, established by George Sohn, deceased, Professional Engineer (Civil) No. 2510, in 1968, as per an unrecorded, "Result of Survey" obtained from the USFS, monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with attached 1 1/2 ins. diam., aluminum cap, stamped PE 2510 SE COR N 1/2 NW 1/4 SEC 34 1967. This is accepted as a careful and faithful establishment of the orig. cor. position. Not remonumented.</p> <p>A steel fence post, with attached USFS sign # 54-4, is set alongside and W. of the cor.</p> <p>A PVC pipe, 10 ft. high, 2 1/2 ins. diam., set over a steel fence post is W., 1.5 lks. dist.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°37' E., beginning new measurement.</p>
1.02	<p>Barbed wire fence, bears S. 85° E. and N. 85° W.</p>
6.43	<p>From this point, the SW end, at top, of the dam at Sierra Blanca Lake, bears E., 92 lks. dist., dam is 6 ft. wide at top, extends N. 20° E.</p>
10.59	<p>The center N-N 1/64 sec. cor. of sec. 34, established by Jody A. Stone, Arizona R.L.S. No. 37401, in 2007, as per an unrecorded, "Record of Survey" obtained from the USFS, monumented with a rebar, 1/2 in. diam., firmly set, flush with the surface of ground, with attached 2 ins. diam., aluminum cap, stamped JDS ASSOCIATES RLS 37401. This is accepted as a careful and faithful establishment of the cor. position. Not remonumented.</p> <p>A PVC pipe, 10 ft. high, 2 1/2 ins. diam., set over a steel fence post is alongside and NE of the cor.</p> <p>Cor. is located in overflow lands, at bottom of draw.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°37' E., beginning new measurement.</p>

Subdivision of Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
0.985	<p>Point for AP 4, of a metes-and-bounds survey in the SW 1/4 of the NW 1/4 of the NE 1/4 of sec. 34.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, over a steel fence post, 38 ins. long, driven 34 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 6 N R 29 E</p> <p style="margin-left: 100px;">C</p> <p style="margin-left: 80px;">S 34   AP 4</p> <p style="margin-left: 100px;">C</p> </div> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post, alongside and N. of the cor.</p> <p>Cor. is located in overflow lands, at bottom of draw.</p> <p>From this cor. point, the SE cor. of a multi-sided wood cabin, bears N. 36°03' E., 1.07 chs. dist., the short side, of the main living quarters (18 x 34 ft.) bears N. 36° E., the long side bears N. 54° W.</p>
2.56	<p>Intersect the SW facing side of the westerly wing of same multi-sided wood cabin, the southwesterly cor., bears N. 54° W., 9.0 lks. dist.</p>
2.71	<p>Intersect the NW facing side of same cabin, the northwesterly cor. bears N. 36° E., 6.5 lks. dist., the southwesterly cor. bears S. 36° W., 12.5 lks. dist.</p>
3.895	<p>A rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, in a collar of stone, with attached aluminum cap, 2 ins. diam., stamped G.P.S. LAND SURVEYS 2001 R.L.S. 28737.</p> <p>From this rebar, a cor. of fences bears E., 16.5 lks. dist., with barbed wire fences bearing S. 50° E. and N. 1° W.</p>
5.295	<p>The center N-N-N 1/256 sec. cor. of sec. 34, identical with AP 1, of the metes-and-bounds survey in the SW 1/4 of the NW 1/4 of the NE 1/4 of sec. 34, established by Jody A. Stone, Arizona R.L.S. No. 37401, in 2007, as per an unrecorded, "Record of Survey" obtained from the USFS. Monumented with a rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped JDS ASSOCIATES RLS 37401. This is accepted as a careful and faithful establishment of the cor. position.</p> <p>At the corner point</p>

Subdivision of Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 29 E C-N-N-N 1/256 S 34</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post and insert the rebar (18 ins. long), inside the stainless steel post.</p> <p>A PVC pipe, 10 ft. high, 2 1/2 ins. diam., set over a steel fence post is alongside and S. of the cor.</p> <p>Cor. is located 10 lks. W. of a barbed wire fence, bears S. 1° E. and N. 1° W.</p> <p>From this cor. point, the most northerly cor. of a 17 x 43 ft. wood cabin, bears S. 19°51' E., 2.62 chs. dist, the long side bears S. 40° E., the short side bears S. 50° W.</p> <hr/> <p>N. 0°37' E., beginning new measurement.</p>
5.295	<p>The 1/4 sec. cor. of secs. 27 and 34, hereinbefore described.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 34 and 35, hereinbefore described.</p> <p>N. 89°27' W., on the E. and W. center line of sec. 34.</p> <p>Descending, over W. facing slope, through pine, spruce and fir timber.</p>
12.10	<p>USFS road # 249, graded road, 30 ft. wide, bears N. 5° E. and S. 5° W.</p>
12.88	<p>Barbed wire fence, bears N. 10° E. and S. 10° W.</p>
18.50	<p>Barbed wire fence, bears N. 15° E. and S. 15° W.</p>
20.00	<p>East edge of water, Sierra Blanca Lake, bears N. 30° E. and S. 30° W.</p>
20.13	<p>Point for the center E. 1/16 sec. cor. of sec. 34, located within Sierra Blanca Lake. Not monumented.</p>

Subdivision of Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
30.95	West edge of water, Sierra Blanca Lake, bears N. 20° E. and S. 20° W.
39.73	Barbed wire fence, bears N. 1° E. and S. 1° W.
40.26	The center 1/4 sec. cor. of sec. 34. <hr/>
	N. 89°28' W., beginning new measurement.
41.19	The 1/4 sec. cor. of secs. 33 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, in a collar of stone, with brass cap mkd. 1/4 S33 S34 1936.  from which the remains of the original bearing trees  A pine, 33 ins. diam., bears N. 53 1/2° E., 41 lks. dist., with a healed blaze.  A stump hole 24 ins. diam., bears N. 34 1/2° W., 29 lks. dist., with a dead and downed spruce alongside.  and the remains of the 1936 bearing tree  An uprooted spruce stump, 24 ins. diam., bears N. 65 1/2° W., 48 lks. dist.  Add the marks T6N R29E 2010 to the brass cap.  A steel fence post, is set alongside and E. of the cor. <hr/>
	<b>NE 1/4</b> <hr/>
	From the point for the center E. 1/16 sec. cor. of sec. 34.  N. 0°24' E., on the N. and S. center line of the NE 1/4 of sec. 34.  Within Sierra Blanca Lake.
16.60	Northerly edge of water, Sierra Blanca Lake, bears SSE and NNW.
17.72	Barbed wire fence, bears S. 15° E. and N. 15° W.
20.495	Point for the NE 1/16 sec. cor. of sec. 34, at intersection with the E. and W. center line of the NE 1/4 of sec. 34. Not monumented.
25.85	Track road to Sierra Blanca Ranch, bears S. 25° E. and N. 25° W., curving westerly.

**Subdivision of Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona**

CHAINS	
40.99	<p>The point for the E. 1/16 sec. cor. of secs. 27 and 34, hereinbefore described.</p> <hr/> <p>From the point for the N. 1/16 sec. cor. of secs. 34 and 35, hereinbefore described.</p> <p>N. 87°31' W., on the E. and W. center line of the NE 1/4 of sec. 34.</p> <p>Descending, over SW facing slope, through pine, spruce and fir timber.</p>
20.06	The point for the NE 1/16 sec. cor. of sec. 34.
21.30	Barbed wire fence, bears S. 15° E. and N. 15° W.
22.20	East edge of water, Sierra Blanca Lake, bears S. 15° E. and N. 15° W.
34.50	West edge of water, Sierra Blanca Lake, bears S. 40° E. and N. 40° W.
38.85	Barbed wire fence, bears N. 35° E. and S. 35° W.
39.37	Barbed wire fence, bears N. and S.
40.12	The center N. 1/16 sec. cor. of sec. 34.
	<hr/> <p><b>Metes-and-Bounds Survey in Section 34, T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona</b></p> <hr/>
	<p>Note: The following metes-and-bounds survey, is derived from an unrecorded survey and legal description, created by Jody A. Stone, Arizona R.L.S., both documents are sealed and dated 6-11-07.</p> <p>From the C-N-N-N 1/256 sec. cor. of sec. 34, identical with AP 1, hereinbefore described.</p> <p>S. 86°03' E., on the computed E. and W. center line of the NW 1/4 of the NW 1/4 of the NE 1/4 of sec. 34.</p> <p>Across SW facing slope.</p>

**Metes-and-Bounds Survey in Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona**

CHAINS	
5.005	<p>The NW-NW-NE 1/256 sec. cor. of sec. 34, identical with AP 2, established by Jody A. Stone, Arizona R.L.S. No. 37401, in 2007, monumented with a rebar, 1/2 in. diam., firmly set, projecting 6 ins. above ground, in a collar of stone, with attached 2 ins. diam., aluminum cap, stamped JDS ASSOCIATES RLS 37401. This is accepted as a careful and faithful establishment of the cor. position.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 29 E NW-NW-NE 1/256 S 34</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post and insert the rebar (18 ins. long), inside the stainless steel post.</p> <p>A PVC pipe, 10 ft. high, 2 1/2 ins. diam., set over a steel fence is alongside and E. of the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 0°34' W., on line 2-3, identical with a portion of the computed N. and S. center line of the NW 1/4 of the NW 1/4 of the NE 1/4 of sec. 34.</p> <p>Descending, over S. facing slope.</p>
4.265	<p>Point for AP 3.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 29 E AP3   S34</p> <p style="text-align: center;">2010</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located 1 lk. N., of the north edge of the track road to Sierra Blanca Ranch, bears S. 70° E. and N. 70° W.</p>

**Metes-and-Bounds Survey in Section 34,  
T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this cor. point, a witness cor. to the C-W-NW-NE 1/256 sec. cor., bears S. 0°34' W., 68 lks. dist., established by Jody A. Stone, Arizona R.L.S. No. 37401 in 2007, monumented with a rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped JDS ASSOCIATES WC S. 20 RLS 37401.</p> <hr/> <p>N. 86°33' W., on line 3-4, 65.00 ft. north of and parallel with the computed E. and W. center line of the NW 1/4 of the NE 1/4 of sec. 34.</p>
1.26	Barbed wire fence, bears S. 60° E. and N. 60° W.
1.85	Barbed wire fence, bears S. 20° W. and N. 20° E., for 53 lks., thence N. 50° W.
2.26	Top of dam at Sierra Blanca Lake, 6 ft. wide at top, extends S. 20° W.; thence descend into overflow and wetlands.
5.01	AP 4, on the N. and S. center line of sec. 34, hereinbefore described.
	<hr/> <p><b>GENERAL DESCRIPTION</b></p> <hr/>
	<p>This survey is located in the Apache National Forest, Apache County, Arizona. Access is via U.S. Highway 180/191 and Forest Service Route No. 249.</p> <p>Lake Sierra Blanca, a man made reservoir, is the predominant water feature; the majority of which is located in the northeast quarter of section 34, with a small portion in the southeast quarter of section 34.</p> <p>About 1/3 of the area surveyed is forest lands, with dense pine, spruce and firs. The remaining area is open meadows with dense native grasses.</p> <p>The mean magnetic declination of 10 1/4° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005-2010 for the dates of survey.</p> <hr/>



CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 13th day of October, 2010, I have dependently resurveyed a portion of the subdivisional lines, subdivided section 34 and executed a metes-and-bounds survey in section 34, Township 6 North, Range 29 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.

FEB 8, 2011  
(Date)

Gordon R. Bubel  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey a portion of the subdivisional lines, the subdivision of section 34 and the metes-and-bounds survey in section 34, T. 6 N., R. 29 E., 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.

4/05/2011  
(Date)

Stephen K. Hansen  
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 6 N., R. 29 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~\_\_\_\_\_~~  
~~(Date)~~

~~\_\_\_\_\_~~  
~~(Chief Cadastral Surveyor of Arizona)~~