

ORIGINAL

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY
OF A PORTION OF THE
SUBDIVISIONAL LINES,
AND THE SUBDIVISION
OF SECTION 13
TOWNSHIP 6 NORTH, RANGE 28 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Christopher P. McDonald, Cadastral Surveyor

Under Special Instructions dated August 24, 2012, approved August 24, 2012, and Supplemental Special Instructions dated August 15, 2013, approved August 15, 2013 which provided for the surveys included under Group No. 1108, and assignment instructions dated August 15, 2013.

Survey commenced September 5, 2013

Survey completed September 12, 2013

INDEX DIAGRAM

TOWNSHIP 6 NORTH RANGE 28 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 13, Township 6 North, Range 28 East, Gila and Salt River Meridian, Arizona.

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

Roger F. Wilson resurveyed the East boundary in 1936.

Ty White resurveyed the South, West, and North boundaries and resurveyed the subdivisional lines in 1940.

Charles C. Doak, Arizona R.L.S. No. 4476, subdivided section 13 in 1974, according to plat filed in Book No. Survey 1LS, Page No. 12, in Apache County, date April 10, 1974.

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, and Supplemental Special Instructions dated August 15, 2013, which provided for the surveys included under Group No. 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 5800 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, PIE1 PIETOWN, AND AZGB GILA COUNTY. The NAD 83 (2011) (EPOCH: 2010), geographic position of the 1/4 section corner of sections 13 and 24, is as follows:

Latitude: 33°54'27.734" N. Longitude: 109°20'34.600" W.

The NAD 83 (2011) (EPOCH: 2010), geographic position of the 1/4 section corner of sections 13 and 14, is as follows:

Latitude: 33°54'54.365" N. Longitude: 109°21'06.345" W.

The mean magnetic declination is 10° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the resurvey executed by Ty White in 1940</p> <hr/> <p>Beginning at the 1/4 sec. cor. of secs. 13 and 24, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S13 S24 1940. Add the marks 2013 to the brass cap.</p> <p>Reconstruct the mound of stone, 3 ft. base, 1 1/2 ft. high.</p> <p>A steel fence post, with F.S. sign No. 54-9 attached, is set alongside the cor.</p> <p>N. 89°02' W., bet. secs. 13 and 24.</p>
20.05	<p>The W. 1/16 sec. cor. of secs. 13 and 24, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with iron post, 2 1/2 in. diam., firmly set, projecting 14 ins. above ground, encircled in a scattered collar of stone, with brass cap mkd. W 1/16 S13 S24 1972. This is accepted as a careful and faithful establishment of the cor. position. Add the marks 2013 to the brass cap.</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 3 1/2° E., 119 lks. dist., mkd. T6N R28E W1/16 S13 BT.</p> <p style="padding-left: 40px;">A pine, 22 ins. diam., bears S. 86 1/2° E., 159 lks. dist., mkd. T6N R28E W1/16 S24 BT.</p> <p>Reconstruct the collar of stone.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p> <hr/> <p>N. 89°02' W., beginning new measurement.</p>
13.40	<p>USFS Right-of-Way monument, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with an iron post, 2 1/2 in. diam., firmly set, projecting 12 ins. above ground, encircled in a scattered collar of stone, with brass cap mkd. USFS ROW PVT STA 16+86.17 LS4476 1972. Add the marks 2013 to the brass cap.</p> <p>Reconstruct the collar of stone.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.03	<p>The cor. of secs. 13, 14, 23 and 24, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd. T6N R28E S14 S13 S23 S24 1940. Add the marks 2013 to the brass cap.</p> <p>from which original bearing trees</p> <p>An yellow pine stump, 40 ins. diam., bears N. 84 1/4° E., 386 lks. dist., with no visible marks.</p> <p>An yellow pine stump, 35 ins. diam., bears S. 4 1/2° E., 98 lks. dist., with no visible marks.</p> <p>A dead pine, 16 ins. diam., bears S. 5 3/4° E., 95 lks. dist., with scribe marks T6N R28E S23 BT visible on a partially healed blaze.</p> <p>A pine, 26 ins. diam., bears S. 89 1/4° W., 231 lks. dist., with a healed blaze.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p> <hr/> <p>N. 0°42' W., bet. secs. 13 and 14.</p>
0.79	<p>USFS Right-of-Way monument, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with iron post, 2 1/2 in. diam., bent to the north, projecting 12 ins. above ground, with brass cap, mkd. USFS PVT USFS ROW STA 24+20.47 LS4476 1972. Add the marks 2013 to the brass cap.</p> <p>Straighten the monument and add collar of stone.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p>
20.08	<p>The S. 1/16 sec. cor. of secs. 13 and 14, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with iron post, 2 1/2 in. diam., firmly set, projecting 18 ins. above ground, encircled in a scattered collar of stone, with brass cap with no visible marks. 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., 26 ins. in the ground, in a collar of stone, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 6 N R 28 E S 1/16 S 14 S 13 2013</p>
	<p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the iron post alongside the stainless steel post.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p> <hr/> <p>N. 0°42' W., beginning new measurement.</p>
20.06	<p>The 1/4 sec. cor. of secs. 13 and 14, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S14 S13 1940. Add the marks 2013 to the brass cap.</p> <p>Reconstruct the mound of stone, 3 ft. base, to top.</p> <p>A steel fence post, with F.S. sign Nos. 54-9 attached, is set alongside the cor.</p> <hr/> <p style="text-align: center;">Subdivision of Section 13, T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona</p> <hr/> <p>From the 1/4 sec. cor. of secs. 13 and 24.</p> <p>N. 0°07' W., on the N. and S. center line of sec. 13.</p>
20.01	<p>Point for the C-S 1/16 sec. cor. of sec. 13; not monumented.</p>
40.02	<p>Point for the center 1/4 sec. cor. of sec. 13; not monumented.</p>
80.07	<p>The 1/4 sec. cor. of secs. 12 and 13, monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S12 S13 1940. Add the marks 2013 to the brass cap.</p> <p>Reconstruct the mound of stone, 3 ft. base, to top.</p> <p>A steel fence post, with F.S. sign Nos. 54-9 attached, is set alongside the cor.</p> <hr/>

Subdivision of Section 13,
T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 24 ins. above ground, in a scattered mound of stone, with brass cap mkd. 1/4 S13 S18 1936. Add the marks 2013 to the brass cap.</p> <p>Reconstruct the mound of stone, 3 foot base, to top.</p> <p>A steel fence post, with F.S. sign Nos. 54-9 attached, is set alongside the cor.</p> <p>N. 88°53' W., on the E. and W. center line of sec. 13.</p>
40.04	Point for the center 1/4 sec. cor. of sec. 13; not monumented.
60.28	Point for the C-W 1/16 sec. cor. of sec. 13; not monumented.
80.52	The 1/4 sec. cor. of secs. 13 and 14.
	<hr/> SW 1/4 <hr/>
	<p>From the W. 1/16 sec. cor. of secs. 13 and 24.</p> <p>N. 0°23' W., on the N. and S. center line of the SW 1/4 of sec. 13.</p>
6.27	<p>USFS Right-of-Way monument, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with an iron post, 2 1/2 in. diam., firmly set, projecting 5 ins. above ground, with brass cap, mkd. USFS ROW STA 10+18.67 PVT LS4476 1972, with a scattered mound of stone N of cor. Add the marks 2013 to the brass cap.</p> <p>Reconstruct mound of stone N. of cor., 2 1/2 ft. base, 1 1/2 ft. high.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p>
7.42	<p>A USFS Right-of-Way monument, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with iron post, 2 1/2 in. diam., firmly set, projecting 6 ins. above ground, in a scattered collar of stone, with brass cap, mkd. 9+81.43 PVT USFS ROW STA LS4476 1972. Add the marks 2013 to the brass cap.</p> <p>Reconstruct collar of stone.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p>

Subdivision of Section 13,
T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.04	<p>The SW 1/16 sec. cor. of secs. 13 and 24, established by Charles C. Doak, Arizona R.L.S. No. 4476 in 1974, monumented with an iron post, 2 1/2 in. diam., firmly set, projecting 5 ins. above ground, with brass cap, with no visible marks. 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., 28 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 6 N R 28 E SW 1/16 S 13 2014</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the iron post alongside the stainless steel post.</p> <p>Raise a mound of stone, 2 1/2 ft. base, 1 1/2 ft. high, N. of cor.</p> <p>A steel fence post, with F.S. signs Nos. 54-2 and 54-9 attached, is set alongside the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°24' W., beginning new measurement.</p>
20.03	<p>Point for the C-W 1/16 sec. cor. of sec. 13; not monumented.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the point for the C-S 1/16 sec. cor. of sec. 13; not monumented.</p> <p>N. 88°58' W., on the E. and W. center line of the SW 1/4 of sec. 13.</p>
20.14	<p>The SW 1/16 sec. cor. of sec. 13.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 88°56' W., beginning new measurement.</p>
20.14	<p>The S. 1/16 sec. cor. of secs. 13 and 14.</p> <hr style="width: 80%; margin: 10px auto;"/>

T. 6 N., R. 28 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

This township is situated in the White Mountains in Eastern Arizona. Consisting of rolling mountainous land, with an average elevation of approximately 8,700 feet above sea level.

The North Fork of Black River runs through section 13.

The mean magnetic declination of 10° E. was derived from the National Oceanic and Atmospheric Administration, National Geophysical Data Center, magnetic field calculator, utilizing the International Geomagnetic Reference Field model for the dates of survey.
