

ORIGINAL

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

FIELD NOTES
OF THE REMONUMENTATION
OF CERTAIN CORNERS
ESTABLISHED IN THE 2007/2008,
METES-AND-BOUNDS SURVEY
IN SECTION 33,
TOWNSHIP 21 NORTH, RANGE 7 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Supplemental Special Instructions dated May 25, 2011, approved May 25, 2011, which provided for the surveys included under Group No. 1018, and assignment instructions dated May 25, 2011.

Survey commenced June 20, 2011

Survey completed June 21, 2011

INDEX DIAGRAM

TOWNSHIP 21 NORTH RANGE 7 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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T. 21 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the remonumentation of certain corners established in the 2007/2008 metes-and-bounds survey in section 33, Township 21 North, Range 7 East, Gila and Salt River Meridian, Arizona.

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

In 2007/2008, Gordon R. Bubel and Joel A. Emert, dependently resurveyed a portion of the Fifth Standard Parallel North, a portion of the subdivisional lines, the subdivision of section 33 and executed metes-and-bounds surveys in the southwest quarter of section 33. The survey delineated parcels of land offered in the Northern Arizona Land Exchange.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Supplemental Special Instructions dated May 25, 2011, for Group Number 1018, 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 receiver as a base station and Trimble R8 model receiver as a rover.

Geodetic control was derived from a tie made to National Geodetic Survey "A" order Horizontal Station "GPS 100, 1994." The NAD 83 (1992), geographic position Angle Point 2, is as follows:

Latitude: 35°09'13.10" N. Longitude: 111°39'25.11" W.

The mean magnetic declination is 11° E.

**Re monumentation of Certain Corners in the SW 1/4 of Section 33,
T. 21 N., R. 7 E., Gila and Salt River Meridian, Arizona**

Preliminary Statement

Improvements to Forest Highway No. 3, in 2008, executed by the United States Department of Transportation, Federal Highway Administration, obliterated certain monuments established in the 2007/2008 metes-and-bounds survey in the SW 1/4 of section 33. Obliterated corners were remonumented utilizing 2007/2008 geodetic positions. Except as indicated herein, the 2007/2008 field notes recorded in Book 5880 and the accompanied plat, officially filed on March 13, 2009 remains unchanged.

Remonumentation of Certain Corners in the SW 1/4 of Section 33,
T. 21 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

Angle Point 2.

AP 2, at the intersection of the north and south center line of sec. 33 with the center line of Forest Highway No. 3 (hereinafter F.H. No. 3), was not recovered.

At the corner point.

Set a railroad spike flush with the surface.

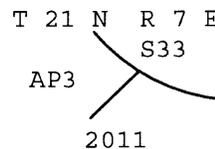
The witness point on the north and south center line of section 33 and the reference monument in the northeast quadrant were recovered as described in the field notes recorded in Book 5880.

Angle Point 3.

AP 3, on the center line of F.H. No. 3, monumented with a railroad spike, was recovered 4 ins. below the surface.

At the corner point.

Drive a brass disk, 3 1/2 ins. diam., 3 1/2 ins. stem, atop the railroad spike, flush with surface, top mkd.



The reference monuments established in 2007/2008 were not recovered, establish new references as follows:

A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 27 ins. in the ground for a reference monument, bears N. 65°00' E., 85.0 ft. dist. with brass cap mkd. RM T21N R7E S33 85.0 FT TO COR. AP3 2011 and an arrow pointing to the cor. Deposit a magnet, in a white plastic case, at the base of the stainless steel post.

An aluminum disk, 2 1/2 ins. diam., set flush with the top of a concrete headwall of a culvert, bears N. 17°09' W., 163.2 ft. dist., with disk mkd. FEDERAL HIGHWAY ADMIN. CFLD DENVER COLO. and a triangle.

Angle Point 4.

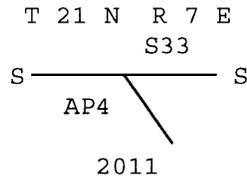
AP 4, at the intersection of the east and west center line of the SW 1/4 of sec. 33 with the center line of Forest Highway No. 3, was recovered 4 ins. below the surface.

Remonumentation of Certain Corners in the SW 1/4 of Section 33,
T. 21 N., R. 7 E., Gila and Salt River Meridian, Arizona

CHAINS

At the corner point.

Drive a brass disk, 3 1/2 ins. diam., 3 1/2 ins. stem, atop the railroad spike, flush with surface, top mkd.



The reference monuments established in 2007/2008 were recovered, as described in the field notes recorded in Book 5880.

GENERAL DESCRIPTION

This survey is located within the boundaries of the City of Flagstaff Arizona. Forest Highway No. 3, is referred to as Lake Mary Road within the city of Flagstaff.

The mean magnetic declination of 11° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2005 for the dates of survey.

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of supplemental special instructions bearing date of the 25th day of May, 2011, I have remonumented certain corners in section 33, Township 21 North, Range 7 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 Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

Aug. 4, 2011
(Date)

Gordon R. Bubel
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the remonumentation of certain corners in section 33, T. 21 N., R. 7 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.

8/24/2011
(Date)

Danny A. West
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described remonumentation in T. 21 N., R. 7 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~_____~~
~~(Date)~~

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