

ORIGINAL

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

FIELD NOTES
OF THE
SURVEY OF
TRACT 37
IN SECTION 6

TOWNSHIP 12 NORTH, RANGE 1 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated October 14, 2008, approved October 14, 2008, which provided for the surveys included under Group No. 1053, and assignment instructions dated October 14, 2008.

Survey commenced November 3, 2008

Survey completed November 12, 2008

INDEX DIAGRAM

TOWNSHIP 12 NORTH RANGE 1 WEST
GILA AND SALT RIVER MERIDIAN, ARIZONA

6	5	4	3	2	1
7	8	9	10	11	12
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31	32	33	34	35	36

T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the survey of Tract 37, in Section 6, Township 12 North, Range 1 West, Gila and Salt River Meridian, Arizona.

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

The south, west and north boundaries; and subdivisional lines were surveyed by Virgil E. Spratt, Paul G. Bauer and Gary W. Rutledge, Cadastral Surveyors, in 1961-63.

U.S. Mineral Survey No. 2588, was surveyed by J.J. Fisher, U.S. Mineral Surveyor, in 1908.

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 Special Instructions dated October 14, 2008, for Group No. 1053, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5800 model receivers.

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) AI8820 FERN FERNO MESA CORS ARP, DH4138 AZPE PEORIA AZ BIG O CORS ARP, and DH3751 AZAH ASHLER HILLS CORS ARP. The NAD 83 (1996) (Epoch:2002.0000), geographic position of AP1, Tract 37, is as follows:

Latitude: 34°24'53.08" N. Longitude: 112°24'14.87" W.

The mean magnetic declination is 11 1/2° E.

**Survey of Tract 37, in Section 6,
T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona**

Note: A survey depicting this tract of land entitled "Mt. Union L.O. Tower Survey", was surveyed by M. Stewart, J. Foster and W. Finley, with the U.S. Forest Service, in 1951, with the plat on file at the Prescott National Forest, Forest Service office.

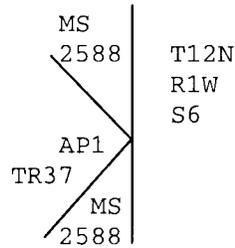
Beginning at the point for Angle Point No. 1, monumented with an open ended iron pipe, 7/8 in. diam., firmly set, projecting 6 ins. above the ground with a steel "T-Post" nearby with a faded sign attached. There is no record of what the 1951 Forest Service survey established for monumentation, but this has been locally accepted as the point of beginning for the lease description.

**Survey of Tract 37, in Section 6,
T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS

At this point

Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with alum. cap mkd.



2008

Deposit a magnet, in a white plastic case, at the base of the alum. post.

Remove iron pipe from the area, and place a new sign on the "T-Post".

From this cor. point, Cor. No. 3, Mount Davis Lode, identical with Cor. No. 4, Mount Union Lode, U.S. Mineral Survey No. 2588, bears S. 3°22'15" W., 2.507 chs. dist., monumented with a granite stone, 8 x 12 ins., 8 ins. above the ground, mkd. MT U 4 2588 on the southerly face and MT D 3 2588 on the northerly face, with remains of mound of stone, E. of cor., from which the orig. accessories

A granite rock in place, bears S. 4 3/4° E., 32.5 lks. dist., with no marks visible.

A granite rock in place, bears N. 62 3/4° W., 60 lks. dist., with marks B R 25 faintly visible.

Rebuild the mound of stone, 3 ft. base, 2 ft. high, E. of cor.

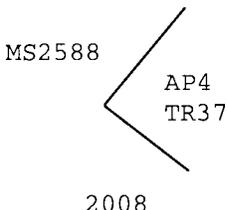
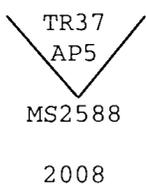
From this same cor. point, Cor. No. 4, Mount Davis Lode, U.S. Mineral Survey No. 2588, bears N. 3°22'15" E., 20.227 chs. dist., monumented with a granite stone, 4 x 16 ins., 7 ins. above the ground, mkd. MT D 4 2588 on the westerly face and an X on top, with a mound of stone, 3 ft. base, 1 1/2 ft. high, E. of cor.

N. 31°20'30" W., on line 1-2, Tract 37.

**Survey of Tract 37, in Section 6,
T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS	
1.610	<p>Point for Angle Point No. 2, monumented with a Guy Wire anchor bolt and a steel "T-Post" nearby with a faded sign attached. There is no record of what the 1951 Forest Service survey established for monumentation, but this has been locally accepted as a cor. of the lease description.</p> <p>Chisel an X, on the anchor bolt, and place a new sign on the "T-Post".</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 38°27'45" W., on line 2-3, Tract 37.</p>
1.667	<p>Point for Angle Point No. 3, monumented with an open ended iron pipe, 7/8 in. diam., firmly set, projecting 8 ins. above the ground and a steel "T-Post" nearby with a faded sign attached. There is no record of what the 1951 Forest Service survey established for monumentation, but this has been locally accepted as a cor. of the lease description.</p> <p>At this point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 3 ft. base, to alum. cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>MS2588</p>  <p>2008</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Remove iron pipe from the area, and place a new sign on the "T-Post".</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 47°01'00" W., on line 3-4, Tract 37.</p>
1.447	<p>Point for Angle Point No. 4, monumented with an open ended iron pipe, 7/8 in. diam., firmly set, projecting 16 ins. above the ground and a steel "T-Post" nearby with a faded sign attached. There is no record of what the 1951 Forest Service survey established for monumentation, but this has been locally accepted as a cor. of the lease description.</p> <p>At this point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to alum. cap mkd.</p>

**Survey of Tract 37, in Section 6,
T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS	
3.333	<div style="text-align: center;">  </div> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Remove iron pipe from the area, and place a new sign on the "T-Post".</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 37°35'00" E., on line 4-5, Tract 37.</p> <p>Point for Angle Point No. 5, monumented with an open ended iron pipe, 7/8 in. diam., firmly set, projecting 6 ins. above the ground and a steel "T-Post" nearby with a faded sign attached. There is no record of what the 1951 Forest Service survey established for monumentation, but this has been locally accepted as a cor. of the lease description.</p> <p>At this point</p> <p>Set an alum. post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with alum. cap mkd.</p> <div style="text-align: center;">  </div> <p>Deposit a magnet, in a white plastic case, at the base of the alum. post.</p> <p>Remove iron pipe from the area, and place a new sign on the "T-Post".</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 43°58'00" E., on line 5-1, Tract 37.</p>
1.305	<p>Angle Point No. 1, and point of beginning.</p> <hr style="width: 60%; margin: 10px auto;"/>

T. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

This survey is located on top of Mount Union, the highest peak in Yavapai county, being 7,986 feet in elevation.

The intent of this survey was to identify the land encompassed by the current lease agreement to facilitate the purchase of Tract 37 by the Forest Service. The bearings and distances of this survey differ from the lease agreement due to holding the monuments in place, which are believed to have been set in 1951, as identifying the leased parcel.

Encompassed within this survey is the Forest Service lookout tower, living quarters, two other outbuildings and a radio tower. The terrain is mountainous, with rock outcrops, support occasional oak and pine timber, with brush and native grasses.

This surveyed was accessed by the Senator highway, and is located approximately 14 road miles, southeast of Prescott. The Senator is a maintained dirt road for most of the way, and the time of travel is just short of one hour.

The mean magnetic declination of $11\ 1/2^\circ$ 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, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 14th day of October, 2008, I have surveyed Tract 37, in Section 6, T. 12 N., R. 1 W., 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.

APRIL 02, 2009
(Date)

Craig S. Dukart
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the survey of Tract 37, in Section 6, T. 12 N., R. 1 W., Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

4/17/2009
(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. 12 N., R. 1 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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

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