

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  
AN INFORMATIVE TRAVERSE IN SECTION 23,  
TOWNSHIP 33 NORTH, RANGE 9 WEST,  
OF THE GILA AND SALT RIVER MERIDIAN,  
IN THE STATE OF ARIZONA

**EXECUTED BY**

**W. William Foster, Cadastral Surveyor**

Under Special Instructions dated January 5, 2005, approved January 5, 2005, which provided for the surveys included under Group No. 948, and assignment instructions dated January 5, 2005.

**Survey commenced May 23, 2005**

**Survey completed September 13, 2005**



**INDEX DIAGRAM**

TOWNSHIP 33 NORTH                      RANGE 9 WEST  
 GILA AND SALT RIVER MERIDIAN, ARIZONA

<b>6</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>
<b>7</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>
<b>18</b>	<b>17</b>	<b>16</b>	<b>15</b>	<b>14</b>	<b>13</b>
<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>4</b> <b>23</b>	<b>24</b>
<b>30</b>	<b>29</b>	<b>28</b>	<b>27</b>	<b>26</b>	<b>25</b>
<b>31</b>	<b>32</b>	<b>33</b>	<b>34</b>	<b>35</b>	<b>36</b>



## T. 33 N., R. 9 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and an informative traverse in Section 23, Township 33 North, Range 9 West, Gila and Salt River Meridian, Arizona.

The history of surveys is as follows:

Dupree R. Averill and William E. Hiester surveyed the Eighth Standard Parallel North through Range 9 West, Second Guide Meridian West through Township 33 North, west and north boundaries and the subdivisional lines in 1917-1921.

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 January 5th, 2005, for Group Number 948, 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.

The purpose of this survey was to determine the area of the portion of the airport runway trespass that has been extended in Section 23.

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) "KINGMAN ARP", "FREDONIA ARP" and "FERNO MESA ARP". The NAD 83 (1996), geographic position of the 1/4 sec. cor. of secs. 14 and 23, is as follows:

Latitude: 36°15'08.81" N.                      Longitude: 113°13'37.66" W.

The mean magnetic declination is 12 1/2° E.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 33 N., R. 9 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by Averill R. Dupree and William E. Hiester, in 1917-1921</p> <hr style="width: 20%; margin: auto;"/> <p>Beginning at the 1/4 sec. cor. of secs. 14 and 23, monumented with an iron post, 1 in diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. 1/4 S14 S23 1921, with a mound of stone, 2 ft. base, 1 1/2 ft. high, N. of cor.</p> <p>Add the marks T33NR9W and 2005 to the brass cap.</p> <p>S. 89°53' W., bet. secs. 14 and 23.</p> <p>Over rolling grassland.</p> <p>12.88 Point for a witness point for the SE cor. of Public Airport Lease, AZA-20670.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 33 N R 9 W</p> <p>S 14</p> <hr style="width: 20%; margin: auto;"/> <p>S 23</p> <p>2005</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>14.76 Easterly edge of dirt runway, bears S. 5° E. and N. 5° W.</p> <p>15.74 Westerly edge of dirt runway, bears S. 5° E. and N. 5° W.</p> <p>18.955 Point for a witness point for the SW cor. of Public Airport Lease, AZA-20670.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>WP</p> <p>T 33 N R 9 W</p> <p>S 14</p> <hr style="width: 20%; margin: auto;"/> <p>S 23</p> <p>2005</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p>





**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 33 N., R. 9 W., Gila and Salt River Meridian, Arizona**

## CHAINS

40.00

The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd. T33NR9W S15 S14 S22 S23 1921, with a mound of stone, 2 ft. base, 1 1/2 ft. high, W. of cor.

Add the marks 2005 to the brass cap.

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Informative Traverse In Section 23,  
T. 33 N., R. 9 W., Gila and Salt River Meridian, Arizona

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From a point, S. 89°53' W., 1.88 chs. dist., from the witness point for the SE cor. of Public Airport Lease, AZA-20670 bet. secs. 14 and 23.

Thence along the edge of the dirt runway.

S. 3°40' E., 8.06 chs. dist.

S. 81°55' W., 0.82 chs. dist.

From this point, a Wind Sock, bears N. 45°49' W., 1.82 chs. dist.

N. 4°46' W., 8.19 chs. dist.

Intersect the sec. line bet. secs. 14 and 23, N. 89°53' E., 3.215 chs. dist. from the witness point for the SW cor. of Public Airport Lease, AZA-20670.

This dirt runway of the Whitmore Airport trespasses on the Lake Mead National Recreation Area. The area of trespass is 0.730 acres.

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GENERAL DESCRIPTION

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The area is rolling and grassy, with a public airport located in the southerly part of sec. 14. Access is via Mount Trumbull road. There is a guest ranch located in the southerly portion of section 14.

There does not appear to be any grazing or mineral activity noted during the course of the survey.

The mean magnetic declination of 12 1/2° 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, W. William Foster, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 5th day of January, 2005, I have dependently resurveyed a portion of the subdivisional lines and surveyed an informative traverse in Section 23, T. 33 N., R. 9 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.

5/01/06  
(Date)

W. William Foster  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines, and an informative traverse in Section 23, T. 33 N., R. 9 W., Gila and Salt River Meridian, in the State of Arizona, executed by W. William Foster, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

5/25/06  
(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. 33 N., R. 9 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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

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

