

ORIGINAL

<sup>1</sup> BOOK 5344

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

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DEPENDENT RESURVEY

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OF

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A PORTION

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OF THE

---

WEST BOUNDARY

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TOWNSHIP 20 NORTH, RANGE 14 WEST

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Of the Gila and Salt River Meridian,  
In the State of Arizona

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EXECUTED BY

William P Carpender, Cadastral Surveyor

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Under Special Instructions dated May 23, 1986, approved May 23, 1986,  
which provided for the surveys included under Group Number 680 and assignment  
instructions dated February 18, 1987.

Survey commenced March 9, 1987

Survey completed May 6, 1987

INDEX DIAGRAM

TOWNSHIP 20 NORTH , RANGE 14 WEST ,

5	6	5	4	3	2	1
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T. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p>The following field notes describe the dependent resurvey of a portion of the west boundary of T. 20 N., R. 14 W. of the Gila and Salt River Meridian, Arizona.</p> <p>The South boundary, (Fifth Standard Parallel North), T. 21 N., R. 14 W., was surveyed in 1872 by Omar H. Case, and resurveyed in 1911 by Jesse B. Wright.</p> <p>The West boundary of T. 20 N., R. 14 W. was surveyed in 1874 by C. Burton Foster, and resurveyed in 1916 by Howard G. Mason.</p> <p>The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated May 23, 1986, and Assignment Instructions dated February 18, 1987, for Group No. 680, Arizona.</p> <p>Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored and monumented at proportionate positions based on the original record. The retracement data were thoroughly verified and only the true line field notes are given herein.</p> <p>The directions of all lines were determined by hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Zeiss Elta 46 Total Station Instrument.</p> <p>The geographic position of the standard cor. of secs. 31 and 36 T. 21 N., Rs. 14 and 15 W., as determined from the United States Department of the Interior Geological Survey 7.5 minute Quadrangle Hualapai Peak NE, 1968 is as follows:</p> <p>NAD 27    Latitude: 35°09'08" N.                      Longitude : 113°48'58" W.</p> <p>The mean magnetic declination as shown on HUALAPI PEAK NE, ARIZ. quadrangle map, published by U.S. Geological Survey in 1968 is 15° E.</p> <hr/>
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Dependent Resurvey, Portion of the West Boundary,  
T. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the Resurvey executed by Howard G. Mason, U.S. Transitman, in 1916</p> <hr style="width: 20%; margin: auto;"/>
	<p>Beginning at the 1/4 sec. cor. of secs. 7 and 12, on the W. bdy. of the tp., monumented with an iron post, 1 in. diam., firmly set, projecting 15 in. above the ground, with brass cap mkd. as described in the field note record of the 1916 resurvey.</p>
	<p>North, bet. secs. 7 and 12</p>
	<p>Over nearly level land, through moderate catclaw and scruboak brush, with scattered juniper and pinyon trees.</p>
0.58	Track road, 18 lks. wide, bears ENE and WSW.
9.90	Enter wide wash, drains NNE.
13.60	Leave same wash.
22.55	Wash, 160 lks. wide, drains ESE.
34.70	Track road, 12 lks. wide, bears ENE. and SW.
40.03	Point for the cor. of secs. 1, 6, 7, and 12, determined from a 1916 bearing tree
	<p style="padding-left: 40px;">A cedar, 10 ins. diam., with a mark T20N visible in a partly closed blaze., bears S. 30° W., 36 lks. dist.</p>
	<p>This is accepted as the best remaining evidence of the original cor. position.</p>
	<p>from which a remaining bearing tree</p>
	<p style="padding-left: 40px;">A juniper, 13 ins. diam., bears N. 69 1/4° E., 220 lks. dist., with the marks T20NR14W visible in a partly closed blaze (Record N. 70 1/2° E., 240 lks.).</p>
	<p>The 1916 monument, an iron post, 3 ins. diam., 36 ins. long, projecting 24 ins. from the ground, in a scattered mound of stone, with brass cap mkd. as described in the field note record of the 1916 resurvey bears S. 24°23' E., 71 lks. dist. This position is irreconcilable with other existing evidence and is not utilized in this survey.</p>
	<p>At the cor. point</p>

Dependent Resurvey, Portion of the West Boundary,  
T. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS													
	<p>Reset the iron post, 36 ins. long. 3 ins. diam., 26 ins. in the ground, and mkd. brass cap to read</p> <div style="text-align: center;"> <table style="margin: auto;"> <tr> <td colspan="2">T20N</td> </tr> <tr> <td>R15W</td> <td>R14W</td> </tr> <tr> <td style="border-right: 1px solid black;">S1</td> <td>S6</td> </tr> <tr> <td style="border-right: 1px solid black;">S12</td> <td>S7</td> </tr> <tr> <td colspan="2">1987</td> </tr> <tr> <td colspan="2">1916</td> </tr> </table> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the iron post.</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears S. 19° E., 163 lks. dist., mkd. T20N R14W S7 BT.</p> <p style="padding-left: 40px;">A pine, 4 ins. diam., bears N. 46 1/4° W. 121 lks. dist. mkd. X BT.</p> <p>Set a steel fence post alongside the cor.</p> <p>Cor. is located on the N. edge of a sandy wash, 30 lks. wide, drains NE.</p> <p>Cor. falls 51 lks. dist., West, from a fence, extends SSE and NNW.</p> <p>Cor. falls 200 lks. dist., East, from an overgrown road, 12 lks. wide, bears N. and S.</p> <hr/> <p>N. 0°03' E., bet. secs. 1 and 6.</p> <p>Over gently rolling land, through moderate brush and scattered juniper trees.</p> <p>0.50 Fence, bears NNW and SSE</p> <p>21.40 Wash, 75 lks. wide, drains SE.</p> <p>23.60 Dirt road, 26 lks. wide, bears SSE. and NNW.</p> <p>24.10 Dirt road, 26 lks. wide, bears SSE and NNW.</p>	T20N		R15W	R14W	S1	S6	S12	S7	1987		1916	
T20N													
R15W	R14W												
S1	S6												
S12	S7												
1987													
1916													

Dependent Resurvey, Portion of the West Boundary,  
T. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona

CHAINS	
39.98	<p>The 1/4 sec. cor. of secs. 1 and 6, monumented with an iron post, 1 in. diam., firmly set, projecting 18 ins. from the ground, with brass cap mkd. as described in the field note record of the 1916 resurvey.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°01' E., beginning new measurement.</p>
18.45	<p>Old U.S.Highway 93 (abandoned), broken and decayed asphalt surfaced, 50 lks. wide, bears ESE and WNW.</p>
24.25	<p>Wash, 6 lks. wide, drains NE.</p>
38.26	<p>The closing cor. for the line between secs 1 and 6, at intersection with the N. bdy. of the tp., (Fifth Stan. Par. North), monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd. T21N R15W R14W S36 S31 S1 S6 T20N 1916.</p> <p>Remark the brass cap to read:</p> <div style="text-align: center; margin: 10px 0;"> <p>T21NR14W  <u>      S31</u>  S1   S6  R15W   R14W  C C  T20N  1987  1916</p> </div> <p>The cor. is located 4 lks. dist. West from a fence cor., fences extends E., W. and NW.</p> <p>From this cor. point, the 1/4 sec. cor. of sec. 31 only, T. 21 N., R. 14 W., bears N. 89°59' E., 8.76 chs. dist., monumented with a iron post 1 ins. diam., projecting 6 ins. from the ground, with brass cap set, mkd. and witness as described in the field note record of the dependent resurvey of the S. bdy., of T. 21 N., R. 14 W., (Fifth Standard Parallel North), executed concurrently under this same group.</p>

Dependent Resurvey, Portion of the West Boundary,  
T. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona

<p>CHAINS</p>	<p>From this same cor. point, the stan. cor. of secs 31 and 36, T. 21 N., Rs. 14 and 15 W., bears S. 89°59' W., 31.23 chs. dist., monumented with an iron post, 3 ins. diam., with a brass cap set, mkd. and described in the field note record of the dependent resurvey of the S. bdy., (Fifth Standard Parallel North), T. 21 N., R. 20 W., executed concurrently under this same group.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area surveyed is about 15 air miles East of Kingman, Arizona, and about 2 miles South of U.S. interstate Highway 40. Access is provided by Blake Ranch Road, Old Highway 93 (abandoned), and other dirt and gravel roads.</p> <p>The elevation ranges from about 4,600 to 4,800 feet above sea level. The terrain consists of a series of low, broken ridges, with washes draining predominately Northeast, covered with a moderate growth of scruboak, and catclaw brush, with scattered juniper and pinyon pine trees. The soil is largely decomposed granite, sand and gravel.</p> <p>The mean magnetic declination is 15° E., as shown on HUALAPAI PEAK NE, ARIZ. quadrangle map, published by U.S. Geological Survey in 1968.</p>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert D. Begley	Land Surveyor in Training
Luke B. Granger	Survey Technician
Cheryl A. Baier	Survey Technician



CERTIFICATE OF SURVEY

I, William P. Carpender, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 23th day of May, 1986, I have Dependently resurvey a portion of the west boundary of Township 20 North, Range 14 West, 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; and that 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, and in specific manner described in the foregoing field notes.

FEB. 27, 1992  
(Date)

William P. Carpender  
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT  
Arizona State Office  
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the west boundary of Township 20 North, Range 14 West, Gila and Salt River Meridian, Arizona, executed by William P. Carpender, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAR 3 1992  
(Date)

Jerry H. Talbot  
**Acting** (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. 20 N., R. 14 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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

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(Chief Cadastral Surveyor of Arizona)~~