

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE

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DEPENDENT RESURVEY OF A

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PORTION OF H.E.S. No. 214

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AND A

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METES-AND-BOUNDS SURVEY OF TRACT 37

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IN UNSURVEYED

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TOWNSHIP 4 1/2 NORTH, RANGE 31 EAST

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

EXECUTED BY

Dale C. Wilson, Cadastral Surveyor

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Under Special Instructions dated and approved May 12, 1998, which provided for the surveys included under Group Number 826, and assignment instructions dated May 12, 1998.

Survey Commenced May 26, 1998  
Survey Completed May 28, 1998

INDEX DIAGRAM

UNSURVEYED

TOWNSHIP 4 1/2 NORTH, RANGE 31 EAST,

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

Dep. Res. of a portion H.E.S. No. 214 pp. 4  
M-and-B's Survey of Tract 37 pp. 6

## Unsurveyed T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of H. E. S. No. 214 and a metes-and-bounds survey of Tract 37, in unsurveyed Township 4 1/2 North, Range 31 East, Gila and Salt River Meridian, Arizona.

H.E.S. No. 214 was surveyed by C. A. Long, in 1914.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 12, 1998, for Group No. 826, Arizona.

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. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions and lengths of all lines were determined by the global positioning technique of real time kinematic using Trimble model 4400 geodetic units, and refer to the true meridian.

The geographic position of Cor. No. 17, H.E.S. No. 214, as determined by autonomous data collection with the real time kinematic, Trimble model 4400 geodetic base unit, is:

Latitude 33°44'17" N. Longitude 109°06'54" W. NAD83

The mean magnetic declination of 11 1/2° E. was derived from the U.S. Geological Survey computer program MAGPOINT utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

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Dependent Resurvey of a Portion of H.E.S. No. 214, Unsurveyed  
T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona

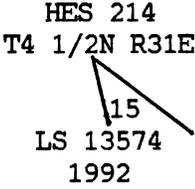
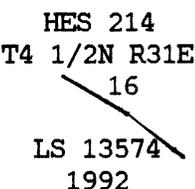
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Restoring the survey executed by C. A. Long  
in 1914

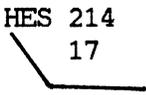
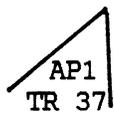
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Beginning at Cor. No. 15, H.E.S. No. 214, monumented with a sandstone, 15x10x10 ins. above ground, mkd. HES on southeast face and a cross on the top, perpetuated by Larry Kay Whitmer, Arizona Registered Land Surveyor No. 13574, with an aluminum rod, 3/4 in. diam., cemented in a drill hole, in the center of the cross, projecting 2 ins., with aluminum cap inscribed "U.S. Dept. of Agriculture Forest Service" and mkd.

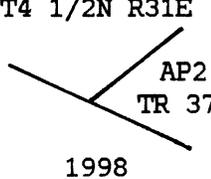
Dependent Resurvey of a Portion of H. E. S. No. 214, Unsurveyed  
T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<div style="text-align: center;">  <p>HES 214 T4 1/2N R31E 15 LS 13574 1992</p> </div> <p>from which the original bearing trees</p> <p>A pine, 25 ins. diam., bears S. 56 3/4° E., 33 lks. dist., mkd. 15 HES 214 BT on open blaze.</p> <p>A pine, 34 ins. diam., bears S. 17 1/2° W., 92 lks. dist., mkd. 15 HES 214 BT on open blaze.</p> <p>and a bearing tree of unknown origin</p> <p>A pine, 11 ins. diam., bears N. 21° W., 18 lks. dist., with a healed blaze.</p> <p>S. 83°44' E. on line 15-16.</p> <p>Over gently rolling land through pine timber.</p>
8.42	Point for Angle Point 2, Tract 37. hereinafter described.
11.47	<p>Cor. No. 16, H.E.S. No. 214, monumented with a sandstone, 51x49x31 ins. above ground, mkd. 16 HES 214 on south face and a cross on the top, perpetuated by Larry Kay Whitmer, Arizona Registered Land Surveyor No. 13574, with an aluminum rod, 3/4 in. diam., cemented in a drill hole, in the center of the cross, projecting 2 ins., with aluminum cap inscribed "U.S. Dept. of Agriculture Forest Service" and mkd.</p> <div style="text-align: center;">  <p>HES 214 T4 1/2N R31E 16 LS 13574 1992</p> </div> <hr/> <p>S. 42°15' E. on line 16-17.</p> <p>Over gently rolling land through pine timber.</p>

Dependent Resurvey of a Portion of H. E. S. No. 214, Unsurveyed  
T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	
6.08	<p>Cor. No. 17, H.E.S. No. 214, monumented with a sandstone, 18x18x12 ins. above ground, mkd. 7 HES on south face and a cross on the top, perpetuated by Larry Kay Whitmer, Arizona Registered Land Surveyor No. 13574, with an aluminum rod, 3/4 in. diam., cemented in a drill hole, in the center of the cross, projecting 2 ins., with aluminum cap inscribed "U.S. Dept. of Agriculture Forest Service" and mkd.</p> <div style="text-align: center;">  <p>HES 214 17</p> <p>T4 1/2N R31E LS 13574 1992</p> </div> <p>from which bearing trees of unknown origin</p> <p>A sawed pine stump, 36 ins. diam., 5 ft. high, bears N. 26° E., 208 lks. dist., with partial scribe mks. on open blaze.</p> <p>A pine, 18 ins. diam., bears N. 41 1/2° E., 185 lks. dist., mkd. X BT on open blaze.</p>
	<p style="text-align: center;">Metes-and-Bounds Survey of Tract 37, Unsurveyed T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian</p>
10.32	<p>From Cor. No. 17, H.E.S. No. 214, hereinbefore described.</p> <p>N. 0°11' W. on the line bet. Cor. No. 17, H.E.S. No. 214 and Angle Point 1, Tract 37.</p> <p>Over gently rolling land through pine timber.</p> <p>Point for Angle Point 1, Tract 37.</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>T4 1/2N R31E</p> <p>AP1 TR 37 1998</p> </div>

Metes-and-Bounds Survey of Tract 37, Unsurveyed  
T. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>Deposit a magnet in a white plastic case beneath the stainless steel post.</p> <hr/> <p>S. 52°15' W. on line 1-2, Tract 37.</p> <p>Over gently rolling land through pine timber.</p> <p>8.965 Point for Angle Point 2, on line 15-16, H.E.S. No. 214.</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>T4 1/2N R31E</p>  <p>1998</p> </div> <p>Deposit a magnet in a white plastic case beneath the stainless steel post.</p> <p>From this cor. point, Cor. No. 16, H.E.S. No. 214, bears S. 83°44' E., 3.05 chs. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The survey is located in the canyon of the Campbell Blue River, approximately 6 miles SSE of Alpine, Arizona. The elevation averaged 6,800 feet above sea level. H. E. S. No. 214 is occupied by the residents of the Lazy S/L Ranch and the ranch foreman's residence with numerous out buildings and corrals.</p> <p>The soil is sandy and strewn with river rock, supporting pine, sycamore, juniper and native grasses.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
James E. Muth	Forest Land Surveyor, U.S.F.S.

## CERTIFICATE OF SURVEY

I, Dale C. Wilson, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 12th day of May, 1998, I have dependently resurveyed a portion of H. E. S. No. 214, and executed a metes-and-bounds survey of Tract 37, in unsurveyed Township 4 1/2 North, Range 31 East, of the Gila and Salt River Meridian, in the State of Arizona, which is 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.

7/6/98

(Date)



(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 H. E. S. No. 214 and the metes-and-bounds survey of Tract 37, in unsurveyed Township 4 1/2 North, Range 31 East, Gila and Salt River Meridian, Arizona, executed by Dale C. Wilson, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

7/06/98

(Date)



(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. 4 1/2 N., R. 31 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

(Date)

(Chief Cadastral Surveyor of Arizona)