

ORIGINAL

<sup>1</sup>  
BOOK 5288

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF

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THE DEPENDENT RESURVEY OF A PORTION OF HES 224

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AND THE METES-AND-BOUNDS SURVEY OF

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TRACT 37

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IN

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UNSURVEYED

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TOWNSHIP 1 SOUTH, RANGE 29 EAST

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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 October 5, 1989, approved October 6, 1989  
, which provided for the surveys included under Group Number  
714 and assignment instructions dated October 5, 1989.

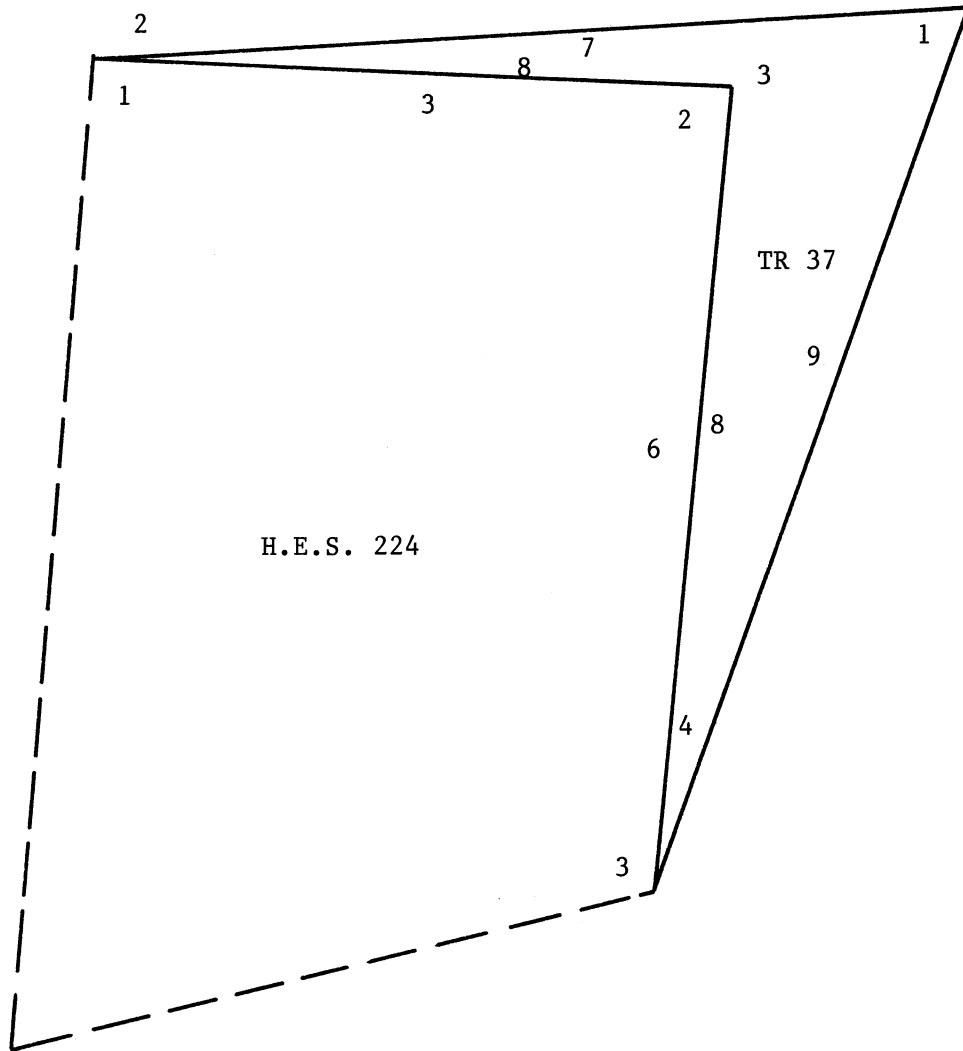
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Survey commenced October 11, 1989

Survey completed October 11, 1989

INDEX DIAGRAM

UNSURVEYED TOWNSHIP 1 SOUTH, RANGE 29 EAST,



Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of Homestead Entry Survey No. 224 and the metes-and-bounds survey of Tract 37 (Small Tracts Act AZ-13, Apache-Sitgreaves National Forest), in unsurveyed Township 1 South, Range 29 East, Gila and Salt River Meridian, Arizona.

HES 224 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, the Special Instructions dated October 5, 1989, and the Assignment Instructions dated October 5, 1989, for Group No. 714, Arizona.

Preliminary to the resurvey, lines 1-2 and 2-3 of Homestead Entry Survey No. 224 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.

Tract 37, in unsurveyed Township 1 South, Range 29 East, is also known as Small Tracts Act AZ-13. The location of Tract 37 was determined from a map, of an administrative survey of Small Tracts Act AZ-13, furnished by Jim Muth, Apache-Sitgreaves National Forest Representative. This approved official survey of Tract 37, executed by the Bureau of Land Management, is to provide a legal description for entry into the official Federal records.

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 Topcon GTS-3B total station instrument.

The mean magnetic declination, as taken from "PIPESTEM MTN., ARIZ." quadrangle map, published in 1981 by the U.S. Geological Survey and modified for U.S.D.A. Forest Service use, is 12° E.

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Dependent Resurvey of a Portion of HES 224 in  
Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

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

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Beginning at cor. 1, HES 224, identical with AP 2, Tract 37, monumented with a U.S. Department of Agriculture, Forest Service, galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above the ground, and in a mound of stone, 2 1/2 ft. base, to top, with 2 steel fence posts with signs alongside the cor., with aluminum cap mkd.

Dependent Resurvey of a Portion of HES 224 in  
Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

## CHAINS

1 HES 224  
LS 4476  
1977

Perpetuated by Charles C. Doak LS 4476, as per information on file in the office of the Forest Land Surveyor, Apache-Sitgreaves National Forest, Springerville, Arizona, and is accepted as a careful and faithful perpetuation of the position of the original cor.

Add marks to the aluminum cap so that it now reads

T1S R29E  
AP 2 TR 37  
1 HES 224  
LS 4476  
1989  
1977

from which the remains of the original bearing trees

A root hole bears N 16° E, 52 lks. dist., with a dead and down ponderosa pine alongside, 20 ins. diam., faintly mkd. 1 HES at breast height and BT at the base (1914 record: N 19°08' E).

A scrub oak, 10 ins. diam. bears S 47° W, 1.12 chs. dist., with illegible scribe marks visible in a partly healed blaze (1914 record: 111 lks. dist.)

A ponderosa pine, 23 ins. diam. bears N 36 3/4° W, 50 lks. dist., with a healed blaze.

The cor. is located 9 lks. NW of a cor. of wire fences extending S 80° E and S 10° W.

S 87° 24.8' E, on line 1-2 HES 224, identical with line 2-3, Tract 37.

Over level, occupied land.

Dependent Resurvey of a Portion of HES 224 in  
 Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

## CHAINS

11.024

Cor. 2, HES 224, identical with AP 3, Tract 37, monumented with a U.S. Department of Agriculture, Forest Service, galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with aluminum cap mkd.

2  
 HES 224  
 LS 4476

1977

Reestablished by Charles C. Doak LS 4476, as per information on file in the office of the Forest Land Surveyor, Apache-Sitgreaves National Forest, Springerville, Arizona, and is accepted as a careful and faithful reestablishment of the position of the original cor.

Add marks to the aluminum cap so that it now reads

T1S R29E

2  
 HES 224  
 LS 4476  
 1989  
 1977

AP 3  
 TR 37

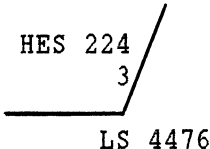
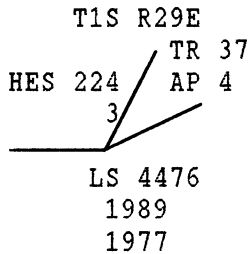
from which the 1977 bearing trees

A ponderosa pine, 14 ins. diam., bears N 3 3/4° E,  
 1.88 chs. dist., with illegible marks visible in a partly  
 healed blaze

A ponderosa pine, 17 ins. diam. bears S 46 1/2° E,  
 2.31 chs. dist., with illegible marks visible in a partly  
 healed blaze

The cor. is located in a barnyard, alongside the W wall of a wire  
 chicken coop.

Dependent Resurvey of a Portion of HES 224 in  
Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

<p>CHAINS</p> <p>13.983</p>	<p>S 5° 30.8' W, on line 2-3, HES 224, identical with line 3-4, Tract 37.</p> <p>Along the E edge of a cultivated meadow.</p> <p>Cor.3, HES 224, identical with AP 4, Tract 37, monumented with a U.S. Department of Agriculture, Forest Service, galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above the ground, and in a mound of stone, 2 1/2 ft. base, to top, with a steel fence post with signs alongside the cor., with a dead and down ponderosa pine alongside, 22 ins. diam., faintly mkd. R 4 on an old blaze, with aluminum cap mkd.</p> <div style="text-align: center;">  </div> <p>Perpetuated by Charles C. Doak LS 4476, as per information on file in the office of the Forest Land Surveyor, Apache-Sitgreaves National Forest, Springerville, Arizona, and is accepted as a careful and faithful perpetuation of the position of the original cor. tree.</p> <p>Add marks to the aluminum cap so that it now reads</p> <div style="text-align: center;">  </div> <p>from which the original bearing trees</p> <p>A ponderosa pine, 35 ins. diam., broken 25 ft. above the ground, bears N 26 3/4° E, 1.50 chs. dist., with 2 opened, pitched blazes, no scribe marks are visible (1914 record: N 29°30' E, 151 lks. dist.).</p> <p>A ponderosa pine stump, 24 ins. diam., bears N 89 1/4° E, 1.30 chs. dist., faintly mkd. HE and BT in 2 separate blazes (1914 record: S 87°45' E, 131 lks. dist.).</p>
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Dependent Resurvey of a Portion of HES 224 in  
Unsurveyed T 1 S, R 29 E, Gila and Salt River Mer., Arizona

## CHAINS

And a 1977 bearing tree

A ponderosa pine, 17 ins. diam. bears N 76 1/4° E, 36 lks. dist., with a healed blaze.

The cor. is located 1 ch. W of a dry creek, 40 lks. wide, course S 10° W.

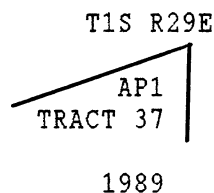
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Metes-and-Bounds Survey of Tract 37, Unsurveyed  
T 1 S, R 29 E, Gila and Salt River Mer., Arizona

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From the point for AP 1, Tract 37, as indicated by Jim Muth, U.S. Forest Service representative, marked by a U.S. Forest Service, aluminum post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above the ground, and in a mound of stone, 2 1/2 ft. base, to top, with a steel fence post with signs alongside the cor., with aluminum cap mkd. 1 AZ-13 LS 16296 1985.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.



Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Bury the aluminum post alongside the stainless steel post.

From this point a ponderosa pine, 15 ins. diam., bears S 76 1/2° E, 77 lks. dist., mkd. XBT and a ponderosa pine, 16 ins. diam., bears S 23 3/4° W, 21 lks. dist., mkd. XBT.

Metes-and-Bounds Survey of Tract 37, Unsurveyed  
T 1 S, R 29 E, Gila and Salt River Mer., Arizona

CHAINS	
	The cor. is located 23 lks. W of a dirt road, 20 lks. wide, bears S 5° E and N 5° W.
	S 86°44.6' W, on line 1-2, Tract 37.
	Descend.
0.35	Dry creek, 20 lks. wide, course S 5° W; ascend.
0.55	Wire fence, bears N 10° E and S 10° W.
1.95	Wire fence, bears N 65° E and S 65° W; thence over level, occupied land.
4.30	Board corral fence, bears S 10° E and N 10° W, enter corral.
5.95	Board corral fence, bears N 5° E and S 5° W, leave corral.
7.20	Wire fence, bears S 75° E and N 75° W.
8.50	Wire fence, bears N 20° E and S 20° W.
15.108	AP 2, Tract 37, identical with cor. 1, HES 224, hereinbefore described.
	<hr/> S 87°24.8' E, on line 2-3, Tract 37, identical with line 1-2, HES 224.
	Over level, occupied land.
11.024	AP 3, Tract 37, identical with cor. 2, HES 224, hereinbefore described.
	<hr/> S 5°30.8' W, on line 3-4, Tract 37, identical with line 2-3, HES 224.
	Along the E edge of a cultivated meadow.
13.983	AP 4, Tract 37, identical with cor. 3 HES 224, hereinbefore described.
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Metes-and-Bounds Survey of Tract 37, Unsurveyed  
T 1 S, R 29 E, Gila and Salt River Mer., Arizona

CHAINS	<p>N 19°30.9' E, on line 4-1, Tract 37.</p> <p>Through moderate growth of ponderosa pine.</p> <p>6.00 Dry creek, 40 lks. wide, course S 20° W.</p> <p>14.90 Same dry creek, 20 lks. wide, course S 10° W.</p> <p>16.205 AP 1, Tract 37 and point of beginning.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey, adjacent to an area known as Pine Flat, is located approximately 18.5 air miles south of the community of Hannagan Meadow, AZ. The elevation is approximately 6,200 ft. above sea level.</p> <p>The terrain consists of level, cultivated land surrounded by moderate pine and oak timber, draining southerly into Sheep Wash.</p> <p>Access is by way of U.S. Route 666, and U.S. Forest Service Road 515.</p> <p>The mean magnetic declination is 12° E.</p> <hr/>
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Luke B. Granger	Surveying Technician
Robert J. Lyle	Surveying Technician
Gerald A. Van Wagenen	Surveying Technician
Keith P. Primm	Land Surveyor (Trainee)

CERTIFICATE OF SURVEY

I, William P. Carpender, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 5th day of October, 1989, I have dependently resurveyed a portion of Homestead Entry Survey No. 224 and surveyed the metes-and-bounds survey of Tract 37 (Small Tracts Act Az-13, Apache-Sitgreaves National Forest), in unsurveyed Township 1 South, Range 29 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; 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.

NOVEMBER 7, 1989  
(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 Homestead Entry Survey No. 224 and a metes-and-bounds survey of Tract 37 (Small Tracts Act AZ-13, Apache-Sitgreaves National Forest), in unsurveyed Township 1 South, Range 29 East, Gila and Salt River Meridian, Arizona, executed by William P. Carpender, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

DEC 5 1989  
(Date)

James P. Kelley  
(Chief Cadastral Surveyor of Arizona)

CERTIFICATE OF TRANSCRIPT

I Certify that the foregoing transcript of the field notes of the above-described survey in unsurveyed T 1 S, R 29 E, Gila and Salt River Meridian, Arizona is a true copy of the original field notes.

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

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