

ORIGINAL

1

BOOK 5385

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF HOMESTEAD ENTRY SURVEY NO. 367

IN SECTION 21

OF

TOWNSHIP 18 NORTH, RANGE 6 EAST

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

EXECUTED BY

Olian T. Shockley, Cadastral Surveyor

Under Special Instructions dated August 27, 1992, approved August 27, 1992, which provided for the surveys included under Group Number 749 and assignment instructions dated September 22, 1992.

Survey commenced September 29, 1992

Survey completed October 14, 1992

INDEX DIAGRAM

TOWNSHIP 18 NORTH , RANGE 6 EAST ,

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T. 18 N., R. 6 E., Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of Homestead Entry Survey No. 367, in Section 21, Township 18 North, Range 6 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this dependent resurvey is as follows: Portions of the subdivisional lines were surveyed and resurveyed by W. Oscar Secor in 1904. A supplemental plat dated May 10, 1904, was prepared and officially filed on July 29, 1904. Homestead Entry Survey No. 367 was surveyed by Charles D. Hodson in 1915.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 27, 1992, for Group No. 749, 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. 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.

The request for survey was made by Coconino National Forest Land Surveyor in a memo dated August 11, 1992.

The directions of all lines were determined by utilizing United States Coast and Geodetic Survey Traverse Station "BAT, 1959", and were verified with direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia 2BII Total Station.

The geographic position of Corner 1 of Homestead Entry Survey No. 367 was determined by the technique of differential positioning using the Ashtech MXII Geodetic System. Second Order United States Coast and Geodetic Survey Traverse Station "Bat, 1959" was used as the control station. Coordinates refer to the top of the monument, and are as follows:

Latitude: 34°55'41.97" N. Longitude: 111°44'05.85" W. NAD27

The mean magnetic declination as taken from quadrangle map "MUNDS PARK, ARIZ.", published in 1965 by U.S. Geological Survey, is 14° E.

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Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by
Charles D. Hodson, in 1915

Beginning at cor. 1 of H.E.S. No. 367, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, 28 ins. long, with rectangular steel base, 8 X 3 ins., with brass cap mkd. HES 367 1 T18N R6E LS4476 1967, perpetuated by Charles C. Doak, R.L.S. 4476, from which a bearing tree and bearing object established by Charles D. Hodson in 1915,

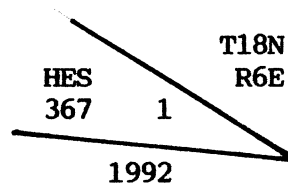
An alligator juniper, 19 ins. diam., bears S. 84 1/4° W.,
151 lks. dist., mkd. 1 HES 367 + BT.
(Record: S. 81°12' W., 150 lks.)

A granite boulder, 15 x 10 x 5 ft. high, bears
S. 16 3/4° E., 70 lks. dist., with BR + 1 HES 367 chiseled
on the top. (Record: S. 9°11' E., 71 lks.)

This is accepted as a careful and faithful perpetuation of the
original cor. position.

At the cor. point

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



from which

A triple forked alligator juniper, 20 ins. diam., bears
N. 27 1/2° W., 36 lks. dist., mkd. X BT on the southerly
fork.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case and
the 1967 brass cap beneath the stainless steel post.

Remove iron post; impracticable to bury.

Cor. is located 2 lks. ESE of the cor. of barbed and woven wire
fences, 2 strands, extending NW and WNW.

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T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

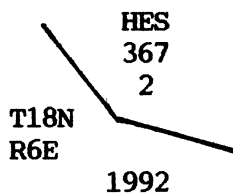
CHAINS	
	<p>From this cor. point, the witness cor. to the 1/4 sec. cor. of secs. 21 and 22, bears N. 49°15' E., 30.05 chs. dist., monumented with a malpais stone, 18 x 12 x 12 ins., loosely set, projecting 10 ins. above ground, in a mound of stone, 4 ft. base, 2 ft. high, mkd. WC 1/4 on the S. face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. in the ground, to bedrock, supported in a mound of stone, 5 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">WC T18N R6E 1/4 S20 ↓ S21 1992</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case beneath the stainless steel post.</p> <p>Deposit the mkd. stone alongside the stainless steel post, in the supporting mound of stone.</p> <p>From the same cor. point, U.S. Coast and Geodetic Survey traverse station "BAT, 1959", with published latitude of 34°57'24.7522" N. and longitude of 111°41'06.8891" W., NAD27, bears N. 55°05.5' E. (forward bearing), 275.305 chs. dist., monumented with a standard brass disk, cemented flush with the surface of bedrock, with the top of disk mkd. BAT 1959 and a triangle.</p> <hr/> <p>N. 77°17' W., along line 1-2 of H.E.S. 367.</p> <p>Over level ground, along a woven wire and barbed wire fence.</p> <p>5.90 A rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground.</p> <p>6.25 Wire mesh fence, bears NNE. and SSW.</p> <p>6.82 Intersect the E. side of a cement block and wood frame house, 32 X 51 ft., the southernmost cor. bears SW., 7 lks. dist., the long side bears NW.</p> <p>6.97 Intersect the W. side of the same house, the southernmost cor. bears SE., 13 lks. dist.</p> <p>7.47 Wire mesh fence, bears NW. and SE.</p>

Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	
7.50	A rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground. Descend steep slope.
8.57	A rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground.
9.43	A concrete access cover to a septic tank, bears SSW., 1 lk. dist.
9.78	Intersect the E. side of a native stone and wood frame house, 14 X 58 ft., the southernmost cor. bears SSW., 3 lks. dist., the long side bears WNW.
9.81	A sprinkler head bears SSW., 29 lks. dist.
9.86	Intersect the W. side of the same house, the southernmost cor. bears ESE., 8 lks. dist.
9.95	Intersect the E. side of a plywood deck, extending from the same house, the southernmost cor. bears SSW., 12 lks. dist., the long side bears WNW.
10.34	Intersect the W. side of the same deck, the southernmost cor. bears ESE., 36 lks. dist.
11.90	Cor. 2 of H.E.S. No. 367, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, 28 ins. long, with rectangular steel base, 8 X 3 ins., and a malpais stone of unknown origin, 17 X 12 X 8 ins., clearly mkd. 7, alongside, with brass cap mkd. HES 367 2 T18N R6E LS4476 1967, reestablished by Charles C. Doak, R.L.S. 4476. from which A pine, 11 ins. diam., established by Charles C. Doak in 1967, bears N. 73 3/4° W., 69 1/2 lks. dist., with healed blazes. A pine, 13 ins. diam., established by Charles C. Doak in 1967, bears N. 45 1/2° W., 43 1/2 lks. dist., with healed blazes. This is accepted as a careful and faithful reestablishment of the original cor. position. At the cor. point Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base, to top, with brass cap mkd.

Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS



from which

A pine, 18 ins. diam., bears S. $40\ 1/4^\circ$ W., 13 lks. dist.,
mkd. X BT.

A pine, 11 ins. diam., bears N. 43° W., $93\ 1/2$ lks. dist.,
mkd. X BT.

Deposit a magnet in a $1 \times 1 \times 2\ 5/8$ ins. white plastic case and
the 1967 brass cap beneath the stainless steel post.

Remove iron post; impracticable to bury.

Deposit the mkd. stone alongside the stainless steel post, in the
mound of stone.

NOTE

The following ties to remnants of an old fence are given for
informational purposes only. These objects are noted on an
unrecorded plat constructed by Ty Consulting, Inc., in 1982. The
remnants of this fence were examined, and when correlated with
the available record information, it was determined that they did
not evidence the true original position of Cor. 2, HES 367.

From the cor. point

A ponderosa pine, 31 ins. diam., bears S. $42\ 1/4^\circ$ E.,
87 lks. dist., with 3 single strands of wire at a height
of 18 ins. and a single strand of wire at a height of
14 ft.

A pine stump, 12 ins. diam., bears S. $51\ 1/2^\circ$ W., 38 lks.
dist., with remains of a barbed and mesh wire fence.

N. $38^\circ 34'$ W., along line 2-3 of H.E.S. No. 367.

Over level ground.

1.50

Graded road, 14 lks. wide, bears ESE and WNW.

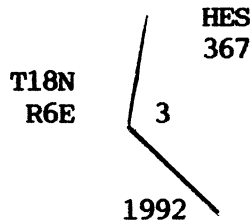
Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	Over level bench, begin ascent.
3.40	Top of ascent, 20 ft. high, bears ESE. and WNW.
2.98	A rebar, 1/2 in. diam., firmly set, projecting 5 ins. above ground, with attached steel washer stamped LS 4491, bears SW., 0.3 lk. dist.
4.18	A rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground, bears SW., 0.6 lk. dist.
8.00	Graded road, 35 lks. wide, bears SE. and NW.
8.57	A rebar, 5/8 in. diam., firmly set, projecting 5 ins. above ground, bears SW., 0.4 lk. dist.
9.03	Intersect the S. side of a wood frame house, 26 X 30 ft., the southwest cor. bears West, 21 lks. dist., the long side bears East.
9.38	Intersect the W. side of the same house, the southwest cor. bears South, 28 lks. dist.
11.76	A rebar, 5/8 in. diam., firmly set, projecting 2 ins. above ground, with plastic cap mkd. S.E.C. LS 7908.
11.92	<p>Cor. 3 of H.E.S. No. 367, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground, 28 ins. long, with rectangular steel base, 8 X 3 ins., in a mound of stone, 3 ft. base, to top, with a malpais stone 24 X 16 X 4 ins., mkd. 3 HES 367, in the mound, with brass cap mkd. HES 367 3 T18N R6E LS4476 1967, perpetuated by Charles C. Doak, R.L.S. 4476, from which bearing trees established by Charles D. Hodson in 1915</p> <p style="padding-left: 40px;">A ponderosa pine, 21 ins. diam., bears S. 58 3/4° E., 32 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A ponderosa pine, 19 ins. diam., bears S. 14 1/2° E., 109 lks. dist., mkd. 367 X BO on partially healed blaze.</p> <p>This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p>

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Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS



from which

The center of the concrete footing for a post supporting the rear deck of a house, 18 ins. square, projecting 8 ins. above ground, bears N. 81° E., 21 1/2 lks. dist.

A granite boulder, 6 x 4 x 2 1/2 ft. high, bears S. 25 1/4° E., 30 1/2 lks. dist., with X BO chiseled on the top.

A ponderosa pine, 11 ins. diam., bears N. 33 3/4° W., 56 1/2 lks. dist., mkd. X BT.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case and the 1967 brass cap beneath the stainless steel post.

Remove iron post; impracticable to bury.

Deposit the mkd. stone alongside the stainless steel post, in the collar of stone.

N. 8°39' E., on line 3-4 of H.E.S. 367.

Over gentle ascent.

1.49 A rebar, 1/2 in. diam., firmly set, projecting 1 in. from a concrete and rock mound, 3 ft. base, 18 ins. high, with an iron pipe, 3 1/2 ins. diam., alongside.

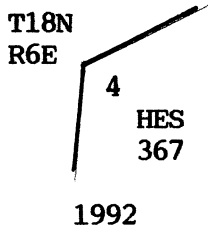
1.50 Abandoned irrigation ditch, bears SSE. and NNW.

1.86 Cor. 4 of H.E.S. No. 367, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 15 ins. above ground, 28 ins. long, with rectangular steel base, 8 X 3 ins., in a supporting mound of stone, 4 ft. base, to top, with a malpais stone 26 X 10 X 8 ins., mkd. 4 HES 367, in the mound, with brass cap mkd. HES 367 4 T18N R6E LS4476 1967, perpetuated by Charles C. Doak, R.L.S. 4476, from which bearing trees established by Charles D. Hodson in 1915

An oak, 12 ins. diam., bears N. 54° E., 38 lks. dist., with no visible blaze or marks.
(Record: 36 lks. dist.)

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Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>An oak, 13 ins. diam., bears S. 36° E., 7 lks. dist., with no visible blaze or marks.</p> <p>This is accepted as a careful and faithful perpetuation of the original cor. position.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, encircled with a collar of stone, with brass cap mkd.</p> <div style="text-align: center;">  </div> <p>from which</p> <p>A ponderosa pine, 12 ins. diam., bears N. 5 3/4° E., 39 1/2 lks. dist., mkd. X BT.</p> <p>A rock outcrop, 1.5 x 1.5 x 3 ft. high, bears N. 89 3/4° W., 23 1/2 lks. dist., with X BO chiseled on the top.</p> <p>Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, and the 1967 brass cap beneath the stainless steel post.</p> <p>Remove the iron post; impracticable to bury.</p> <p>Deposit the mkd. stone alongside the stainless steel post, in the collar of stone.</p> <hr/> <p>N. 65°50' E., along line 4-5 of H.E.S. 367.</p> <p>Over level ground.</p> <p>1.41 A rebar, 1/2 in. diam., firmly set, projecting 1 in. from a concrete base, 18 ins. high, with an iron pipe, 3 1/2 ins. diam., alongside.</p> <p>1.44 A concrete nail, set in exposed bedrock, with attached steel disk, stamped LS 4491, bears NNW., 2.5 lks. dist.</p> <p>3.94 Cor. 5 of H.E.S. No. 367, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 16 ins. above ground,</p>
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Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS

28 ins. long, with rectangular steel base, 8 X 3 ins., in a supporting mound of stone, 5 ft. base, to top, with a malpais stone 25 X 18 X 10 ins., mkd. 5 HES 367, in the mound, with brass cap mkd. HES 367 5 T18N R6E LS4476 1967, perpetuated by Charles C. Doak, R.L.S. 4476.

from which

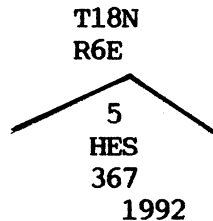
An alligator juniper, 8 ins. diam., established by Charles C. Doak in 1967, bears N. 54° E., 35 1/2 lks. dist., with healed blaze.

An alligator juniper, 10 ins. diam., established by Charles C. Doak in 1967, bears N. 79° W., 46 lks. dist., with illegible marks on partially healed blaze.

This is accepted as a careful and faithful perpetuation of the original cor. position.

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, supported in a mound of stone, 5 ft. base, to top, with brass cap mkd.



from which

A forked oak, 14 ins. diam., bears N. 14 1/2° E., 30 lks. dist., mkd. X BT.

A granite boulder, 8 x 5 x 3 ft. high, bears N. 74° E., 11 1/2 lks. dist., with X BO chiseled on the top.

Deposit a magnet in a 1 x 1 x 2 5/8 ins. white plastic case, and the 1967 brass cap beneath the stainless steel post.

Remove iron post; impracticable to bury.

Deposit the mkd. stone alongside the stainless steel post, in the supporting mound of stone.

S. 44°34' E., along line 5-1 of H.E.S. 367.

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Dependent Resurvey of Homestead Entry Survey No. 367,
T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona

CHAINS	Over level ground.
1.68	A rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached steel washer stamped LS 4491.
3.28	A rebar, 1/2 in. diam., firmly set, projecting 5 ins. above ground, with attached steel washer stamped LS 4491.
5.20	A rebar, 1/2 in. diam., firmly set, projecting 3 ins. above ground, with attached steel washer stamped LS 4491.
7.11	A rebar, 1/2 in. diam., firmly set, projecting 5 ins. above ground, with attached steel washer stamped LS 4491., bears NE., 0.6 lk. dist.
8.07	A rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground.
11.09	A rebar, 1/2 in. diam., firmly set, projecting 4 ins. above ground, with attached steel washer stamped LS 4491., bears SW., 0.3 lk. dist.
12.51	An iron pipe, 1 in. diam., firmly set, projecting 3 ins. above ground, with cor. of wire mesh fences extending SE. and SSW., alongside, bears NE., 4.1 lks. dist.
21.60	Cor. 1 of H.E.S. No. 367, hereinbefore described, point of beginning.
<hr/> <p>GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located approximately 5 1/2 miles North-northeast of Sedona, Arizona, on the east side of Oak Creek, in Oak Creek Canyon. Elevation is approximately 4780 ft. above sea level. The walls of the canyon rise approximately 1400 ft. in 1/4 mile horizontal distance adjacent to the survey. This land is generally level and densely developed with numerous structures. Vegetation consists of a scattering of ponderosa pine, juniper and oak.</p> <p>Access is by way of Arizona State Highway No. 89A.</p>	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Ben G. Garcia, Jr.	Surveying Technician, U.S.F.S.
Tom K. Popowski	Surveying Technician, U.S.F.S.
James L. Werdel	Land Surveyor
Dean E. Wiese	Geodesist

CERTIFICATE OF SURVEY

I, Olian T. Shockley, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 27th day of August, 1992, I have performed a dependent resurvey of Homestead Entry Survey No. 367, in Section 21, Township 18 North, Range 6 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.

08/09/93
(Date)

Olian T. Shockley
(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. 367 in Section 21, Township 18 North, Range 6 East, Gila and Salt River Meridian, Arizona, executed by Olian T. Shockley, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

AUG 11 1993
(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 surveys in T. 18 N., R. 6 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

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

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