ORIGINAL BOOK 5294 1

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE WEST BOUNDARY,
A PORTION OF THE SUBDIVISION LINES,
AND THE METES-AND-BOUNDS SURVEY OF
LOT 7, SECTION 31,
TOWNSHIP 3 NORTH, RANGE 31 EAST
Of the Gila and Salt River Meridian, In the State of Arizona
EXECUTED BY
William P. Carpender , Cadastral Surveyor
Under special instructions dated <u>October 5</u> , 1989, approved <u>October 6, 1989</u>
, which provided for the surveys included under Group Number, and assignment instructions dated October 5, 1989.
Survey commenced October 12 , 1989 Survey completed April 24 , 1990

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INDEX DIAGRAM

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Subdivision of Section 31 Metes and Bounds Survey of Lot 7, Sec. 31 Pages 5-11. Pages 11-14.

T 3 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary, a portion of the subdivision lines, and the metes-and-bounds survey of lot 7 (Small Tracts Act AZ-1, Apache-Sitgreaves National Forest), section 31, Township 3 North, Range 31 East, Gila and Salt River Meridian, Arizona.

The south 1 1/2 miles of the west boundary, the south boundary, and a portion of the subdivisional lines were surveyed by John F. Hesse in 1904. Section 31 was dependently resurveyed and subdivided by Robert C. Arring, Leonard W. Murphy, and Ray Harpin in 1975-76.

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 survey, a portion of the west boundary, a portion of the subdivisional lines, and certain sectional subdivision lines in section 31 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.

Lot 7, section 31, Township 3 North, Range 31 East, is also known as Small Tracts Act AZ-1. The location of lot 7 was determined from a map, of an administrative survey of Small Tracts Act AZ-1, furnished by Jim Muth, Apache-Sitgreaves National Forest representative. This approved official survey of lot 7, 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 Topcon GTS-3B, Zeiss Elta 46, and Hewlett-Packard HP3820 total station instruments.

The mean magnetic declination, as taken from "BLUE SW, 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.

Dependent Resurvey of a Portion of the W Bdy. of T 3 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS

Reestablishment of the Resurvey Executed by Robert C. Arring, Leonard W. Murphy, and Ray Harpin, Supervisory Cadastral Surveyors, in 1978-76

Beginning at the N 1/16 sec. cor. of secs. 31 and 36, T 3 N, Rgs. 30 and 31 E, monumented with an iron post, 2 1/2 ins. diam., projecting 18 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap, mkd. as described in the official record of the 1978 resurvey of the W bdy.

from which

A juniper, 15 ins. diam., bears N 89° E, 1.77 chs. dist., mkd. N 1/16 S31 BT. (1978 Record: N 84 1/4° E, 178 lks.)

Add the date, 1990 to the brass cap.

The cor. is located 35. lks. S of a fence, bears E and W.

N 0°02' W, bet. secs. 31 and 36, on the W bdy. of the Tp.

Ascend over mountainous terrain.

20.01

The cor. of secs. 25, 30, 31, and 36, monumented with an iron post, 2 1/2 ins. diam., projecting 18 ins. above the ground, and in a mound of stone, 4 ft. base, to top, with a brass cap, mkd. as described in the official record of the 1978 resurvey of the W bdy.

from which

- A juniper, 12 ins. diam., bears N 5° E, 82 lks. dist., mkd. T3N R31E S30 BT. (1978 Record: pinon, 83 lks.)
- A juniper, 18 ins. diam., bears S 30 1/2° E, 78 lks. dist., mkd. T3N R31E S31 BT. (1978 Record: pinon, S 51° E, 51 lks.)
- A root hole, bears S 19 1/2° W, 28 lks. dist., with a dead, down pinon alongside, with faint scribe marks on a rotted blaze. (1978 Record: S 21° W, 19 lks.)
- A juniper, 10 ins. diam., bears N 7 1/2° E, 69 lks. dist., mkd. T3N R30E S25 BT. (1978 Record: 70 lks.)

A mound of stone, 3 ft. base, 2 ft. high, is N of the cor.

Add the date, 1990, to the brass cap.

CHAINS

Reestablishment of the Survey Executed by Robert C. Arring, Leonard W. Murphy, and Ray Harpin, Supervisory Cadastral Surveyors, in 1975-76

From the center 1/4 sec. cor. of sec. 31, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap, mkd.

T3N R31E C 1/4 S31 1974

from which

- A pinon, 9 ins. diam., bears S 78° E, 76 lks. dist., with scribe marks visible in a partly healed blaze. (1978 Record: N 88 1/2° E, 75 lks.).
- A pinon, 11 ins. diam. bears S 51 1/2 W, 17 lks. dist. with scribe marks visible in a partly healed blaze. (1978 Record: S 35° W).

Add the date, 1990, to the brass cap.

N 0°29' W, on the N and S center line of sec. 31.

Over mountainous terrain.

14.97

The C-N-S-N 1/256 sec. cor. of sec. 31, monumented with an iron post, $2\ 1/2$ ins. diam., projecting 18 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap, mkd. as described in the official record of the 1978 survey of the subdivision of sec. 31.

from which

- A juniper, 11 ins. diam., bears N 36° E, 13 lks. dist., with scribe marks visible in a partly healed blaze. (1978 Record: N 31° E, 12 lks.)
- An oak, 6 ins. diam., bears N 88 1/4° E, 26 lks. dist., with scribe marks visible in a partly healed blaze. (1978 Record: N 83 1/2° E)

Add the date, 1990, to the brass cap.

CHAINS	
19.96	The center N 1/16 sec. cor. of sec. 31, monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap, mkd. as described in the official record of the 1978 survey of the subdivision of sec. 31.
	A juniper, 6 ins. diam., bears N 76 1/4° E, 19 lks. dist., mkd. X at breast height, and BT at the base. (1978 Record: N 65 1/4° E)
	An oak, 4 ins. diam., bears S 38° E, 36 lks. dist., mkd. X at breast height, and BT at the base. (1978 Record: S 43° E)
	Add the date, 1990, to the brass cap.
	From the center 1/4 sec. cor. of sec. 31.
	S 89°43' W, on the E and W center line of sec. 31.
	Over mountainous terrain.
19.54	Point for the center W 1/16 sec. cor. of sec. 31, at proportionate distance; no monument was set during the 1978 survey of the subdivision of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.
	T3N R31E W 1/16 C————————————————————————————————————
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
40.30	The 1/4 sec. cor. of secs. 31 and 36, on the W bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., projecting 9 ins. above the ground, with brass cap mkd.
	T3N 1/4 R30E R31E S36 S31 1975

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2	Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona
CHAINS	
17.80	Enter flood plane of the Blue River.
19.97	Point for the NW 1/16 sec. cor of sec. 31, at intersection with the E and W center line of the NW 1/4 of sec. 31; no monument was set during the 1978 survey of the subdivision of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, and in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd.
	T3N R31E NW 1/16 S31 1990
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
30.40	Blue River, 30 lks. wide, course S 45° W.
30.55	Begin steep ascent.
39.95	The W 1/16 sec. cor. of sec. 31 only, monumented with an iron post, 2 1/2 ins. diam., projecting 24 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with brass cap improperly mkd.
	T3N R31E
	S30 W1/16 ———
	S31 1975
	Change the marks on the brass cap so that it now reads
	T3N R31E
	W1/16 S31
	1990 1975
	from which
	A pinon, 6 ins. diam., bears N 7° E, 58 lks. dist., mkd. S1/16 S30 BT. (1978 Record: N 3/4° E, 63 lks.)
	A pinon, 7 ins. diam., bears S 73° W, 66 lks. dist., with a healed blaze at breast height, and mkd. BT at the base. (1978 Record: S 71 3/4° W, 61 lks.)

	Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona
CHAINS	
	From the center N 1/16 sec. cor. of sec. 31.
	S 89°46' W, on the E and W center line of the NW 1/4 of sec. 31.
19.51	The NW 1/16 sec. cor. of sec. 31.
24.39	Point for the C-E-W-NW 1/256 sec. cor of sec. 31, at proportionate distance; no monument was set during the 1978 survey of the subdivision of sec. 31.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, and in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.
	T3N R31E S31
	C-E-W-NW 1/256 1990
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. white colored plastic case beneath the stainless steel post.
	Set a steel fence post near the cor.
	The cor. is located in the flood plane of the Blue River.
25.85	Southerly channel of the Blue River, 50 lks. wide, course S 20° W.
30.00	Northerly channel of the Blue River, 40 lks. wide, course S 65° W.
30.45	Begin steep ascent.
37.60	Fence, bears S 65° E and N 65° W.
40.14	The N 1/16 sec. cor. of secs. 31 and 36.
	From the C-N-S-N 1/256 sec. cor. of sec. 31.
	S 89°45' W, #on the E and W center line of the N 1/2 of the SE 1/4 of the NW 1/4 of sec. 31.
18.052	AP 1, lot 7, sec. 31, hereinafter described.
19.52	The C-N-S-NW 1/256 sec. cor. of sec. 31.
	

CHAINS	ection 51, 1 5 N, K 51 E, Gila and Sait River Per., Arizona
	From the NE-SW-NW 1/256 sec. cor. of sec. 31, monumented with an iron post, 2 1/2 ins. diam., projecting 4 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap, mkd. as described in the official record of the 1978 survey of the subdivision of sec. 31.
	from which
	A juniper, 25 ins. diam., bears S 29° E, 87 lks. dist., mkd. NE SW NW S31 BT. (1978 Record: S 33 3/4° E)
	A juniper, 10 ins. diam., bears N 79 1/2° W, 47 lks. dist., mkd. X at breast height, and BT at the base. (1978 Record: N 85° W)
	Add the date, 1990, to the brass cap.
	N 0°28' W, on the N and S center line of the NE $1/4$ of the SW $1/4$ of the NW $1/4$ of sec. 31.
4.99	The C-E-W-NW 1/256 sec. cor. of sec. 31.
:	From the C-N-S-NW 1/256 sec. cor. of sec. 31.
	S 89°45' W, on the E and W center line of the NE 1/4 of the SW 1/4 of the NW 1/4 of sec. 31.
1.555	The NE side of a house, at a point 20 lks. NW of the SE cor. of the house. The short side of the house, 29 ft. long, bears NW and SE. The long side of the house, 36 ft. long, bears NE and SW.
4.875	The NE-SW-NW 1/256 sec. cor. of sec. 31.
	From the C-E-W-NW 1/256 sec. cor. of sec. 31.
	N 0°22' W, on the N and S center line of the E $1/2$ of the NW $1/4$ of the NW $1/4$ of sec. 31.
2.90	Southerly channel of the Blue River, 30 lks. wide, course S 25° W.
4.65	Northerly channel of the Blue River, 35 lks. wide, course SW.
5.10	Begin steep ascent.

	Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona
CHAINS	
19.99	The E-W-W 1/256 sec. cor. of sec. 31 only, monumented with an iron post, 2 1/2 ins. diam., projecting 20 ins. above the ground, and in a mound of stone, 3 ft. base, to top, with a brass cap improperly mkd.
	E-W-W 1/256 S31 1975
	from which
	A juniper, 4 ins. diam., bears S 5 1/4° W, 23 lks. dist., mkd. X at breast height, and BT at the base. (1978 Record: South)
	A pinon, 5 ins. diam., bears N 19 1/2° W, 30 lks. dist., mkd. X at breast height, and BT at the base. (1978 Record: N 24 3/4° W)
	Add marks to the brass cap, so that it now reads
	E-W-W 1/256 S31 1990 1975
	Metes-and-Bounds Survey of Lot 7, Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona
	From the point for AP 1, lot 7, sec. 31, as indicated by the U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, 5 ins. below the surface of the ground, with aluminum cap mkd. STA. NO. 1 AZ A.P. 5 RLS 13574 1983.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T3N R31E S31
	AP 1 LOT 7 1989

Metes-and-Bounds Survey of Lot 7, Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona

	1 5 N, R 51 E, GIIa and Sait River Per., Arizona
CHAINS	
:	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.
	Set a steel fence post alongside the cor.
	The cor. is located on the N shoulder of U.S. Forest Service Road 281.
	S 89°45' W, on line 1-2, lot 7, sec. 31, identical with the E and W center line of the N 1/2 of the SE 1/4 of the NW 1/4 of sec. 31.
	Over nearly level, occupied land.
1.468	The C-N-S-NW 1/256 sec. cor. of sec. 31, hereinbefore described.
	Continue measurement on line 1-2, lot 7, sec. 31, identical with the E and W center line of the NE 1/4 of the SW 1/4 of the NW 1/4 of sec. 31.
3.023	The NE side of a house, hereinbefore described.
6.343	Point for AP 2, lot 7, sec. 31, identical with the NE-SW-NW 1/256 sec. cor., sec. 31, hereinbefore described.
	S 0°41.9' E, on line 2-3, lot 7, sec. 31.
2.496	Point for AP 3, lot 7, sec. 31, as indicated by the U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, 22 ins. in the ground, with aluminum cap mkd. STA. NO. 1 AZ AP 1 RLS 13574 1983.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T3N R31E S31
	LOT 7 AP 3
	1989
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic
	case beneath the stainless steel post.

Metes-and-Bounds Survey of Lot 7, Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona

CHAINS	
	Bury the aluminum post alongside the stainless steel post.
	Set a steel fence post alongside the cor.
	N 89°48.4' E, on line 3-4, lot 7, sec. 31, identical with the northerly right-of-way line of U.S. Forest Service Road 281.
1.297	Point for AP 4, lot 7, sec. 31, as indicated by the U.S. Forest Service representative, marked by a rebar, 1/2 in. diam., 20 ins. long, 4 ins. below the surface of the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. L K Whitmer LS 13574.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. below the surface of the ground, with brass cap mkd.
	T3N R31E S31 LOT 7 AP 4
	1989 Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
:	Set a steel fence post 17 lks. N of the cor., in a wire fence along the right-of-way.
	N 70°27.5' E, on line 4-5, lot 7, sec. 31, identical with the northerly right-of-way line of U.S. Forest Service Road 281.
1.905	Point for AP 5, lot 7, sec. 31, as indicated by the U.S. Forest Service representative, marked by a rebar, 1/2 in. diam., 17 ins. long, 2 ins. below the surface of the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. L K Whitmer NC 3 LS 13574.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 7 ins. below the surface of the ground, with brass cap mkd.
	T3N R31E S31 LOT 7 AP 5

Metes-and-Bounds Survey of Lot 7, Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona

	T 3 N, R 31 E, Gila and Salt River Mer., Arizona
CHAINS	
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. white colored plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	Set a steel fence post 9 lks. N of the cor., in a wire fence along the right-of-way
	N 59°29.3' E, on line 5-6, lot 7, sec. 31, identical with the northerly right-of-way line of U.S. Forest Service Road 281.
2.039	Intersect the N-S center line of the NW1/4, heretofore described.
2.234	Point for AP 6, lot 7, sec. 31, as indicated by the U.S. Forest Service representative, marked by a rebar, 1/2 in. diam., 17 ins. long, 12 ins. below the surface of the ground, with an aluminum cap, 1 1/2 ins. diam., mkd. L K Whitmer NC 4 LS 13574.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 3 ins. below the surface of the ground, with brass cap mkd.
	T3N R31E
	S31_
	LOT 7 AP 6
	AF 0
	1989
	Deposit a magnet in a 1 x 1 x 2 $5/8$ in. white colored plastic case beneath the stainless steel post.
	Deposit the rebar inside the stainless steel post.
	Set a steel fence post alongside the cor., in a wire fence along the right-of-way.
	N 59°59.6' E, on line 6-1, lot 7, sec. 31., identical with the northerly right-of-way line of U.S. Forest Service Road 281.
1.494	AP 1, lot 7, sec. 31 and the point of beginning.
	1

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Section 31, T 3 N, R 31 E, Gila and Salt River Mer., Arizona

	Gila and Sait River Mer., Arizona		
CHAINS			
	GENERAL DESCRIPTION		
	The land encompassed in this survey is located approximately 20		
	air miles south of the town of Alpine, AZ. The elevation is		
	approximately 5,500 ft. above sea level.		
	The terrain consists of gently sloping land with moderate pine		
	and oak timber in the river bottom, rising to steep, rocky slopes		
	with heavy pine, juniper, and undergrowth, all draining into t		
	Blue River.		
	Access is by way of U.S. Routes 666 and 180, and U.S. Forest		
	Service Road 281.		
	betvice hodd 201.		
	The mean magnetic declination is 12° E.		
	The hear magnetic decimation is 12 E.		

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UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

FIELD ASSISTANTS		
CAPACITY		
Surveying Technician		
Surveying Technician		
Surveying Technician		
Land Surveyor (Trainee)		
Surveying Technician		
Surveying Technician		
Surveying Aide		
Surveying Aide		

BOOK 5294

17

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 the west boundary, a portion of the subdivision lines, and surveyed the metes-and-bounds survey of Lot 7 (Small Tracts Act 1-AZ, Apache-Sitgreaves National Forest), Section 31, Township 3 North, Range 31 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.

APRIL 24, 1990 William P. Carpude (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, a portion of the subdivision lines, and the metes-and-bounds survey of Lot 7 (Small Tract Act 1-AZ, Apache-Sitgreaves National Forest), Section 31, Township 3 North, Range 31 East, Gila and Salt River Meridian, Arizona, executed by William P. Carpender, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

JUN 2 2 1990 (Date)	(Chief Cadastral Surveyor of Arizona)
	CERTIFICATE OF TRANSCRIPT
	ng transcript of the field notes of the above-described la and Salt River Meridian, Arizona is a true copy of the
(Date)	(Chief Cadastral Surveyor of Arizona)