

INDEX DIAGRAM

TOWNSHIP 11 NORTH, RANGE 18 EAST,

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Subdivision of Section 2
 Subdivision of Section 11
 Metes and Bounds Survey of Lot 5, Sec. 2
 Metes and Bounds Survey of Lot 1, Sec. 11

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T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines, the subdivision of certain sections and the metes-and-bounds surveys of certain Lots, Township 11 North, Range 18 East, Gila and Salt River Meridian, Arizona.

The township exteriors and the subdivisional lines were surveyed by H. A. Coe in 1883. Sections 2 and 11 were dependently resurveyed and subdivided by H. K. Smith and P. L. Reeves in 1977.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated October 5, 1989, for Group No. 714, Arizona.

Preliminary to the survey, 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 position, 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.

Lot 5, section 2, and lot 1, section 11, Township 11 North, Range 18 East, are also known as Small Tracts Act AZ 031. The locations of these lots were indicated by Jim Muth, Apache-Sitgreaves National Forest representative.

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.

The geographic position of the 1/4 section corner of sections 2 and 11 was determined by the technique of relative positioning using the Mini Ranger GPS Geodetic System. U.S.G.S. triangulation station, "Dead", was used as the control station. Coordinates refer to the top of the monument.

Latitude 34°22'19.74" N Longitude 110°23'59.61" W. NAD 27

The mean magnetic declination, as taken from "SHUMWAY 2 SW., ARIZ. NAVAJO CO." quadrangle map, an unedited, advance sheet including field additions made in 1961 by the U.S. Geological Survey, is 14° E.

Dependent Resurvey, Portion of the Subdivisional lines,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the resurvey executed by
Harry K. Smith, and Paul L. Reeves, in 1977.

Beginning at the 1/4 sec. cor. of secs. 2 and 11, monumented with an iron post, 2 1/2 ins. diam., projecting 14 ins. above the ground, in a mound of stone, 3 ft. base, to top, with a brass cap, mkd., T11N R18E 1/4 S2 S11 1977, from which the 1977 bearing trees

A ponderosa pine, 13 ins. diam. bears N. 41° E., 18 lks. dist., mkd 1/4 S2 BT (Record: N. 34° E.).

A juniper, 14 ins. diam., bears S. 35° W., 20 lks. dist., mkd. 1/4 S11 BT. (Record: 21 lks.)

Add the date, 1990 to the brass cap.

N. 89°00' W., bet. secs. 2 and 11.

Descend, through dense pine, juniper, and underbrush.

3.80 Old Highway 160, gravel surfaced, 30 lks. wide, bears ESE and NNW.

8.40 Gravel road, 15 lks. wide, bears NNE and S.

9.24 AP 6, lot 5, hereinafter described.

9.40 Fence, bears N. and S.

9.94 The E-W 1/64 sec. cor. of secs. 2 and 11, monumented with an iron post, 2 1/2 ins. diam., firmly set 3 ins. below the surface of the ground, with brass cap, illegibly mkd. From which bearing trees of record.

A Juniper, 12 ins. diam., bears N. 5° E., 99 lks. dist., mkd. E-W 1/64 S3 BT, with a tag. (Record: N. 5°45' E.)

A ponderosa pine, 13 ins. diam., bears S. 55° E., 36 lks. dist., with partiall healed blaze mkd., W 1/61 S11 BT. (Record: S. 54 1/2° E.).

Dependent Resurvey, Portion of the Subdivisional lines,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

Remark brass cap to read

T11N R18E
S2
E-W 1/64
S11
1990
1977

The cor. is located on the E. edge of a dirt road, 20 lks. wide,
bears SSE and NNW.

Dependent Resurvey, Subdivision of Certain Sections,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Harry K. Smith, and Paul L. Reeves, in 1977.

Section 2

From the E-W 1/64 sec. cor. of secs. 2 and 11.

N. 0°50.5' E., on the N. and S. center line of the SE 1/4 of the
SW 1/4 of sec. 2.

Over nearly level, occupied land.

10.175 The SE-SW 1/64 sec. cor. of sec. 2, monumented with an iron post,
2 1/2 ins. diam., projecting 9 ins. above the ground, with a
brass cap, mkd., S2 SE-SW 1/64 1979, from which bearing trees of
record

A ponderosa pine, 8 ins. diam. bears N. 37° E., 74 lks.
dist., mkd SE SW 1/64 S2 BT (Record: N. 36° E.).

A ponderosa pine, 8 ins. diam., bears N. 36 1/4° W,
77 lks. dist., SE SW 1/64 S2 BT (Record: N. 41° W.,
75 lks.)

Add the date, 1990 to the brass cap.

Dependent Resurvey, Subdivision of Certain Sections,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From the SE-SW 1/64 sec. cor. of sec. 2.</p> <p>N. 89°13' W., on the E. and W. center line of the SE 1/4 of the SW 1/4 of sec. 2.</p> <p>Descend through occupied land.</p>
3.627	<p>AP 3, lot 5, hereinafter described.</p> <p>Enter medium timber.</p>
6.00	<p>Wash, 20 lks. wide, course SW; ascend.</p>
9.945	<p>The Center S-SW 1/64 sec. cor. of sec. 2, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above the ground, with a brass cap, mkd., S2 C-S-SW 1/64 1977. From which bearing trees of record.</p> <p style="padding-left: 40px;">A ponderosa pine, 7 ins. diam., bears N. 21° E., 28 lks. dist., with partiality healed blazed mkd. S-SW 1/64 S2 BT. (Record: N. 20 1/2° E., 27 lks.)</p> <p style="padding-left: 40px;">A ponderosa pine, 6 ins. diam., bears N. 75 1/4° E., 26 lks. dist., mkd. CS SW 1/64 S2 BT. (Record: N. 76° E.)</p> <p>The cor. is located in a fence, bears N. and S.</p> <hr/> <p style="text-align: center;">Section 11</p> <hr/> <p>From the NW 1/16 sec. cor. of sec. 11, monumented with an iron post, 2 1/2 ins. diam., projecting 6 ins. above the ground, with a brass cap, mkd., T11N R18E NW 1/16 S11 1977.</p> <p>The cor. is located within the right-of-way of State Highway 260.</p> <p>N. 89°34' W., on the E. and W. center line of the NW 1/4 of sec. 11.</p> <p>Ascend into open, occupied land.</p>
1.50	<p>Northerly right-of-way fence, bears ENE and WSW.</p>
1.62	<p>AP 1, lot 1, hereinafter described.</p>

Dependent Resurvey, Subdivision of Certain Sections,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.50	Fence, bears N. and S.
5.00	Road, gravel surfaced, 25 lks. wide, in a curve with tangents bearing WSW and WNW.
8.35	Road, gravel surfaced, 20 lks. wide, bears SE and NW.
8.75	Fence, bears SSE and NNW; thence along a fence, bears E. and W.
10.27	AP 2, lot 1, hereinafter described.
19.85	<p>The N. 1/16 sec. cor. of secs. 10 and 11, monumented with an iron post, 2 1/2 ins. diam., projecting 8 ins. above the ground, with a brass cap mkd., T11N R18E N 1/16 S10 S11 1977, from which bearing objects of record</p> <p style="padding-left: 40px;">A cor. of fences bearing N. and E., bears S. 9 1/4° W, 16 lks. dist. (Record: S. 8 1/2° W.).</p> <p style="padding-left: 40px;">A ponderosa pine, 8 ins. diam. bears S. 66 3/4° W., 1.19 chs. dist., mkd N 1/16 S10 BT (Record: S. 66° W., 1.15 chs.).</p> <p style="padding-left: 40px;">A ponderosa pine, 11 ins. diam. bears N. 21 1/4° W., 73 lks. dist., mkd N. 1/16 S10 BT (Record: N. 22° W.).</p> <p>Add the date, 1990 to the brass cap.</p> <p>A steel fence post is set alongside the cor.</p>
<hr/> <p>Metes-and-Bounds Survey of Certain Lots, T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
<p>Lot 5, Section 2</p> <hr/>	
<p>From the point for AP 1, as indicated by Jim Muth, U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, projecting 8 ins. above the ground, and in a stone collar, 2 ft. diam., with aluminum cap mkd. T11N R18E AP 2 STA 031 AZ SEC 2 RLS 16165 1986.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>	

Metes-and-Bounds Survey of Certain Lots,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

T11N R18E

AP 1	S2
LOT 5	

1990

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.

A steel fence post is set alongside the cor.

The cor. is located in a cor. of fences bearing S. and W.

S. 88°43.1' W., on line 1-2.

- 4.137 The point for AP 2, as indicated by Jim Muth, U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, projecting 10 ins. above the ground, and in a stone collar, 2 ft. diam., with aluminum cap mkd. T11N R18E SEC 2 AP 3 STA 031 RLS 16165 1986.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 16 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T11N R18E

S2	AP 2

1990

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.

The cor. is located 0.5 lk. N. of a fence, bears E. and W.

S. 0°26.5' W., on line 2-3

- 0.608 The point for AP 3, at intersection with the E. and W. center line of the SE 1/4 of the SW 1/4 of sec. 2, as indicated by Jim Muth, U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, projecting 8 ins. above the ground, and in a stone collar, 3 ft. diam., with aluminum cap mkd. T11N R18E AP 4 STA 031 AZ RLS 16165 1986.

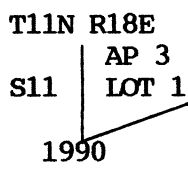
Metes-and-Bounds Survey of Certain Lots,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>
	<p style="text-align: center;">T11N R18E LOT 5 AP 3 S2 1990</p>
	<p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p>
	<p>Bury the aluminum post alongside the stainless steel post.</p>
	<p>Set a steel fence post alongside the cor.</p>
	<hr style="width: 20%; margin: auto;"/> <p>S. 89°13' E., on line 3-4, identical with a portion of the E. and W. center line of the SE 1/4 of the SW 1/4, sec. 2.</p>
3.627	<p>The point for AP 4, as indicated by Jim Muth, U.S. Forest Service representative, identical with the SE-SW 1/64 sec. cor., sec. 2, hereinbefore described.</p>
	<hr style="width: 20%; margin: auto;"/> <p>S. 0°50.5' W., on line 4-5, identical with a portion of the N. and S. center line of the SE 1/4 of the SW 1/4, sec. 2.</p>
10.175	<p>The point for AP 5, as indicated by Jim Muth, U.S. Forest Service representative, identical with the E-W 1/64 sec. cor. of secs. 2 and 11, hereinbefore described.</p>
	<hr style="width: 20%; margin: auto;"/> <p>S. 89°00' E., on line 5-6, identical with a portion of the line bet. secs. 2 and 11.</p>
0.70	<p>The point for AP 6, as indicated by Jim Muth, U.S. Forest Service representative, marked by an aluminum post, 2 1/2 ins. diam., 30 ins. long, projecting 12 ins. above the ground, and in a stone collar, 2 ft. diam., with aluminum cap mkd. T11N R18E AP 1 STA 031 SEC 2 RLS 16165 1986.</p>

Metes-and-Bounds Survey of Certain Lots
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	<p>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.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11N R18E</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">LOT 5</td> <td style="padding: 2px 5px;"></td> </tr> <tr> <td style="border-right: 1px solid black; padding: 2px 5px;">AP 6</td> <td style="padding: 2px 5px;">S2</td> </tr> </table> <p>1990</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Bury the aluminum post alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0°12.3' W., on line 6-1</p> <p>10.936 AP 1, place of beginning.</p> <hr style="width: 80%; margin: 10px auto;"/> <p style="text-align: center;">Lot 1, Section 11,</p> <hr style="width: 30%; margin: 10px auto;"/> <p>From the point for AP 1, as indicated by Jim Muth, U.S. Forest Service representative, at intersection of the E. and W. center line of the NW 1/4 of sec. 11 with the northerly right-of-way line of State Highway 260.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T11N R18E</p> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="border-top: 1px solid black; padding: 2px 5px;">AP 1</td> <td style="padding: 2px 5px;">S11</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 2px 5px;">LOT 1</td> <td style="padding: 2px 5px;"></td> </tr> </table> <p>1990</p> </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p>	LOT 5		AP 6	S2	AP 1	S11	LOT 1	
LOT 5									
AP 6	S2								
AP 1	S11								
LOT 1									

Metes-and-Bounds Survey of Certain Lots,
T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS	
2.455	<p>S. 9°48.4' E., on line 2-3</p> <p>The point for AP 3, at intersection with the northerly right-of-way line of State Highway 260, as indicated by Jim Muth, U.S. Forest Service representative.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;">  </div> <p>Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.</p> <p>Bury the aluminum post alongside the stainless steel post.</p> <p>Set a steel fence post alongside the cor.</p> <p>The cor. is located 4 lks. N. of a fence, bears NEE and WSW.</p> <p>From this cor. point, a steel disk, set in concrete, projecting 3 ins. above the ground, mkd. Arizona Highway Dept. Elev 6540.94 19, is located along the arc of a 0°44'26" circular curve to the left having a radius of 7,737.23 ft., along the northerly right-of-way line of State Highway No. 260, the chord of said arc bears S 70°02' W., 7.86 chs. dist.</p> <p>From this same cor. point, an aluminum post, 2 1/2 ins. diam., projecting 8 ins. above the ground, with an aluminum cap mkd. AP 3 AZ STA 031 T11N R18E SEC 11 RLS 16165 1986, bears N 77°46.5' E., 33.5 lks. dist. This monument is not located on the northerly right-of-way line of State Highway 260, and is not utilized in the course of this survey.</p> <hr/> <p>Thence along the arc of a 0°44'26" circular curve to the right having a radius of 7,737.23 ft., on line 3-1, lot 1, sec. 11, identical with a portion of the northerly right-of-way line of State Highway 260, the chord of said arc bears N 74°02.9' E., 8.561 chs. dist.</p>
8.563	<p>AP 1, place of beginning.</p> <hr/>

T. 11 N., R. 18 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located 7 miles west of the community of Clay Springs, AZ. The elevation is approximately 6,500 ft. above sea level.

The terrain consists of nearly level, open land in section 11, rising to rolling, west facing slopes with moderate pine and juniper timber in section 2.

Access is by way of State Highway 260.

The mean magnetic declination is 14° E.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Baier	Surveying Technician
Gordon R. Bubel	Surveying Technician
Robert J. Lyle	Surveying Technician

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 subdivisional lines and performed the subdivision of certain sections and the metes-and-bounds surveys of certain lots, Township 11 North, Range 18 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.

DECEMBER 3, 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 subdivisional lines, the subdivision of certain sections and the metes-and-bounds surveys of certain Lots, Township 11 North, Range 18 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 21 1992

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

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~