

INDEX DIAGRAM

FRACTIONAL TOWNSHIP 15½ NORTH, RANGE 4 WEST,

6	5	4	3	2	1
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Frac. T 15½ N, R 4 W, 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 subdivisional lines, and the survey of subdivisions in section 19, Fractional Township 15½ North, Range 4 West, Gila and Salt River Meridian, Arizona.

The north boundary of section 19 was surveyed by S.W. Foreman, in 1871. The west boundary of section 19 was surveyed by Arthur B. Mader, in 1903. The north and west boundaries of section 19 were retraced and the subdivisional lines surveyed by Sidney E. Blout, in 1924. The north boundary of section 19 was resurveyed concurrently under this same group and is described in the field notes of Township 16 North, Range 4 West.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 24, 1984, for Group No. 656, Arizona.

Preliminary to the resurvey, the lines of prior official surveys were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.

The directions of all lines were determined by observations on the U.S.C.&G.S. triangulation network, confirmed by altitude observations on the sun, and refer to the true meridian. Distances and angles were measured with a Hewlett Packard 3820 survey instrument.

The geographic position of the southeast corner of section 19, as determined from a tie made to U.S.C.&G.S. triangulation station "ECKEL 1944", located in the SE quarter of section 27, Township 16 North, Range 5 West, is as follows:

Latitude: 34°42'30.73" N Longitude: 112°42'49.84" W

The mean magnetic declination is 14° E.

Dependent Resurvey of a Portion of the W Bdy.,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

Reestablishing the resurvey by
Sidney E. Blout, U.S. Cadastral Engineer, in 1924

Beginning at the cor. of secs. 19 and 30 only, on the W bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 14 ins. above ground, with brass cap mkd.

T16N		T15½N
S36		S19
		S30
R5W		R4W
		1924

Dependent Resurvey of a Portion of the W Bdy.,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

CHAINS	
	<p>from which the bearing trees mkd. in 1924</p> <p>A juniper, 12 ins. diam., bears N 77° E, 1.11 chs. dist., mkd. T15½N R4W S19 BT.</p> <p>A juniper, 8 ins. diam., bears S 50½° E, 1.16 chs. dist., mkd. T15½N R4W S30 BT.</p> <p>N 0°13' E, on the W bdy. of sec. 19.</p> <p>Over relatively level terrain, through moderate juniper, with some manzanita.</p>
19.91	<p>The S 1/16 sec. cor. of sec. 19 only, established by William J. Cheek, P.E. No. 2398, is accepted as a careful and faithful determination of the position of the cor., monumented with a brass tablet, 3 ins. diam., set in concrete, 4½ ins. diam., projecting 4 ins. above ground, with cap mkd.</p> <p style="text-align: center;">WJ CHEEK SW COR LOT 4 SEC 19 1963 PE NO. 2398</p> <p>At the cor. point</p> <p>Set an aluminum post, 28 ins. long, 1 in. diam., 25 ins. in the ground, with cap mkd.</p> <p style="text-align: center;"> T15½N R4W S 1/16 S19 1984</p>
	<p>from which</p> <p>A juniper, 7 ins. diam., bears S 18½° E, 49 lks. dist., mkd. S 1/16 S19 BT.</p> <p>A fence cor., bears south, 2 lks. dist.; from which fences extend N and E.</p> <p>Deposit the local cor. alongside the aluminum post.</p> <p style="text-align: center;">_____</p> <p>N 0°13' E, beginning new measurement.</p>
17.66	<p>The cor. of secs. 25 and 36, T 16 N, R 5 W, monumented with a mound of stone, 3 ft. base, 8 ins. high, alongside of which is lying a cedar post, 4 ft. long, 4 ins. sq.</p> <p>from which the bearing trees mkd. in 1903</p> <p>A juniper, 20 ins. diam., bears S 19° W, 20 lks. dist., mkd. T16N R5W S36 BT. (Record: S 19°20' W, 21 lks. dist.)</p> <p>A juniper, 18 ins. diam., bears N 26° W, 16 lks. dist., with faint visible scribe marks N BT. (Record: N 31°35' W, 14 lks. dist.)</p> <p>At the cor. point, the center of the mound</p>

Dependent Resurvey of a Portion of the W Bdy.,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

CHAINS

Set an aluminum post, 28 ins. long, 1 in. diam., 12 ins. in the ground, in a mound of stone, 3 ft. base, to top, with cap mkd.

T16N		T15½N
R5W		R4W
S25		S19
S36		
1984		

Deposit the wood post alongside the aluminum post.

Cor. is located in a fence, extends N and S.

N 0°06' E, beginning new measurement.

Along W edge of open field.

2.25 The ¼ sec. cor. of sec. 19 only, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, with brass cap mkd.

	¼
	S19
1924	

N 0°08' W, beginning new measurement.

16.33 The closing cor. of sec. 19, Frac. T 15½ N, R 4 W and sec. 25, T 16 N, R 5 W, on the S bdy. of sec. 31, T 16 N, R 4 W, monumented with an iron post, 3 ins. diam., projecting 8 ins. above ground, with brass cap mkd.

T16N	R4W
S31	
S25	S19
R5W	R4W
T16N	T15½N
C C	
1924	

from which the bearing trees mkd. in 1924

A walnut tree, 10 ins. diam., bears S 41° E,
55 lks. dist., mkd. with a healed blaze.

A walnut tree, 12 ins. diam., bears S 75° W,
87 lks. dist., mkd. T16N R5W S25 CC BT.

From this point, the W 1/16 sec. cor. of sec. 31 only, T 16 N, R 4 W, bears S 89°45' E, 2.56 chs. dist., described in the field notes of the concurrent resurvey of the S bdy. of sec. 31, T 16 N, R 4 W, of this group.

From this same point, the SW cor. of T 16 N, R 4 W, bears N 89°47' W, 15.91 chs. dist., described in the field notes of the concurrent resurvey of the S bdy. of sec. 31, T 16 N, R 4 W, of this group.

Dependent Resurvey,
a Portion of the Subdivisional Lines,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

Dependent Resurvey, a Portion of the Subdivisional Lines,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

CHAINS	
	<p>Reestablishing the 1924 survey by Sidney E. Blout, U.S. Cadastral Engineer.</p> <hr/> <p>From the cor. of secs. 19, 20, 29 and 30, monumented with an iron post, 2 ins. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> $\begin{array}{c} T15\frac{1}{2}N R4W \\ S19 S20 \\ \hline S30 S29 \\ 1924 \end{array}$ </p> <p>Set a steel fence post alongside the cor.</p> <p>From this point, U.S.C.&G.S. triangulation station "ECKEL 1944," bears N 80°26.5' W (forward bearing), 248.18 chs. dist., monumented with a standard bronze disk, 3 ins. diam., set in a boulder and mkd. ECKEL 1944.</p> <p>S 89°51' W, bet. secs. 19 and 30.</p> <p>Over rolling hills, through juniper and oak.</p>
39.93	<p>The ¼ sec. cor. of secs. 19 and 30, monumented with an iron post, 1 in. diam., projecting 12 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4} \frac{S19}{S30}$ 1924 </p> <hr/> <p>S 89°56' W, beginning new measurement.</p>
25.90	<p>The cor. of secs. 19 and 30 only, on the W bdy. of the Tp.</p> <hr/> <p>From the cor. of secs. 19, 20, 29 and 30.</p> <p>N 0°05' W, bet. secs. 19 and 20.</p> <p>Over rolling to level terrain, through juniper and oak.</p>
39.86	<p>The ¼ sec. cor. of secs. 19 and 20, monumented with an iron post, 1 in. diam., projecting 16 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;"> $\frac{1}{4} \frac{S19}{S20}$ 1924 </p> <p>from which the remains of a bearing tree mkd. in 1924</p> <p style="text-align: center;">A juniper stump, 18 ins. diam., bears N 81¼° E, 68 lks. dist., no marks visible.</p> <p>and from which a new bearing tree</p> <p style="text-align: center;">A pine, 10 ins. diam., bears S 57° W, 60 lks. dist., mkd. ¼ S19 BT.</p> <hr/> <p>N 0°12' W, beginning new measurement.</p>

Dependent Resurvey, a Portion of the Subdivisional Lines,
Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona

CHAINS	
	Over level terrain, through juniper.
15.98	<p>The closing cor. of secs. 19 and 20, on the N bdy. of the Tp., monumented with an iron post, 2 ins. diam., projecting 13 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T16N R4W S32 S19 S20 T15 ½ N R4W C C 1924</p> <p>from which the bearing trees mkd. in 1924</p> <p style="padding-left: 40px;">A juniper, 12 ins. diam., bears S 46½° E, 2.52 chs. dist., mkd. T15½N R4W S20 CC BT.</p> <p style="padding-left: 40px;">A juniper stump, 26 ins. diam., bears S 62° W, 2.20 chs. dist., no marks visible on blaze.</p> <p>From this point, the cor. of secs. 31 and 32 only, T 16 N, R 4 W, bears S 89°55' W, 3.04 chs. dist., described in the field notes of the concurrent resurvey of the S bdy. of sec. 31, T 16 N, R 4 W, of this same group.</p> <hr/> <p style="text-align: center;">Subdivision of Section 19, Frac. T 15½ N, R 4 W, Gila and Salt River Mer., Arizona</p> <hr/> <p>From the ¼ sec. cor. of secs. 19 and 30, Frac. T 15½ N, R 4 W.</p> <p>N 0°10' W, on the N and S center line of sec. 19.</p>
19.93	<p>The center S 1/16 sec. cor. of sec. 19, established by William J. Cheek, P.E. No. 2398, is accepted as a careful and faithful determination of the position of the cor., monumented with a brass cap, 3 ins. diam., set in a concrete base, 12 ins. long., projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">WJ CHEEK SE COR LOT 4 SEC 19 1963 PE NO. 2398</p> <p>At the cor. point</p> <p>Set an aluminum post, 36 ins. long, ¾ in. diam., 32 ins. in the ground and in a mound of stone 2½ ft. base to top, with cap mkd.</p> <p style="text-align: center;">T15½N R4W C S 1/16 S19 C 1986</p>

Subdivision of Section 19, Frac. T 15½ N, R 4 W,
Gila and Salt River Mer., Arizona

CHAINS		
	<p>from which</p> <p>A juniper, 7 ins. diam., bears S 65° E, 54 lks. dist., mkd. C S 1/16 S19 BT.</p> <p>A juniper, 6 ins. diam., bears S 15° W, 63 lks. dist., mkd. C S 1/16 S19 BT.</p> <p>Bury the local cor. alongside the aluminum post.</p> <p>Set a steel fence post alongside the cor.</p> <hr/> <p>N 0°10' W, beginning new measurement.</p>	
19.93	<p>The center ¼ sec. cor. of sec. 19, established by William J. Cheek, P.E. No. 2398, is accepted as a careful and faithful determination of the position of the cor., monumented with a brass cap, set in a concrete cylinder, 5 ins. diam., 24 ins. long., projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">WJ CHEEK LOT 3 LOT 2 LOT 4 SEC 19 1963 PE NO. 2398</p> <p>At the cor. point</p> <p>Set an aluminum post, 36 ins. long, ¾ in. diam., 34 ins. in the ground, with cap mkd.</p> <p style="text-align: center;">T15½N R4W C¼ S19 1986</p> <p>Bury the local cor. alongside the aluminum post.</p> <p>from which</p> <p>A juniper, 22 ins. diam., bears S 50° E, 1.52 chs. dist., mkd. C ¼ S19 BT.</p> <p>Cor. is located N 22° W, 3 lks. dist. from a fence cor.; fences extend S and E.</p> <hr/> <p>N 0°10' W, beginning new measurement.</p>	
16.20	<p>The ¼ sec. cor. of sec. 19 only, on the N bdy. of the Tp., monumented with an iron post, 1 in. diam., projecting 8 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">¼ S19 1924</p> <p>Cor. is located in a fence, extends E and W.</p> <p>From this point, the E 1/16 sec. cor. of sec. 31 only, T 16 N, R 4 W, bears S 89°50' E, 16.92 chs. dist., described in the field notes of the concurrent resurvey of the S bdy. of sec. 31, T 16 N, R 4 W, of this group.</p>	

Subdivision of Section 19, Frac. T 15½ N, R 4 W,
Gila and Salt River Mer., Arizona

CHAINS	
	<p>From the same point, the ¼ sec. cor. of sec. 31 only, T 16 N, R 4 W, bears S 89°27' W, 3.10 chs. dist., described in the field notes of the concurrent resurvey of the S bdy. of sec. 31, T 16 N, R 4 W, of this group.</p>
	<p>From the ¼ sec. cor. of secs. 19 and 20. S 89°50' W, on the E and W center line of sec. 19. Over rolling terrain, through juniper.</p>
19.99	<p>The center E 1/16 sec. cor. of sec. 19, established by William J. Cheek, P.E. No. 2398, is accepted as a careful and faithful determination of the position of the cor., monumented with a brass cap, 5 ins. diam., set in a concrete cylinder, 24 ins. long., projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">WJ CHEEK SE COR LOT 2 SEC 19 1963 PE NO 2398</p> <p>At the cor. point</p> <p>Set an aluminum post, 36 ins. long, ¾ in. diam., 6 ins. in the ground and in a mound of stone, 5 ft. base to top, with cap mkd.</p> <p style="text-align: center;">T15½N R4W C $\frac{E\ 1/16}{S19}$ C 1986</p> <p>from which</p> <p style="padding-left: 40px;">A juniper, 15 ins. diam., bears S 48° E, 34 lks. dist., mkd. CE 1/16 S19 BT.</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S 67° W, 65 lks. dist., mkd. CE 1/16 S19 BT.</p> <p>Bury the local cor. alongside the aluminum post.</p> <p>Cor. is located 2 lks. E of a fence cor.; fences extend N and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S 89°50' W, beginning new measurement.</p>
19.99	<p>The center ¼ sec. cor. of sec. 19.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S 89°50' W, beginning new measurement.</p>
25.64	<p>The ¼ sec. cor. of sec. 19 only, on the W bdy. of the Tp., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="text-align: center;">SW ¼ of Section 19</p> <hr style="width: 20%; margin: 10px auto;"/> <p>From the center S 1/16 sec. cor. of sec. 19.</p>

Subdivision of Section 19, Frac. T 15½ N, R 4 W,
Gila and Salt River Mer., Arizona

CHAINS	<p>S 89°53' W, on the E and W center line of the SW¼ of sec. 19.</p> <p>25.77 The S 1/16 sec. cor. of sec. 19 only, on the W bdy. of the Tp., hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The land encompassed in this survey is located about 12 miles northwest of Prescott, Arizona, and about 11 miles southwest of Simmons at Old Camp Farm, on the road to Spider Ranch. The average elevation is about 5100 feet above sea level. The northern half of sec. 19 is mostly open grassy fields, with the remainder being predominantly mountainous. The timber is mostly juniper, with scattered pine, walnut and oak.</p> <p>The area is principally used for livestock grazing.</p> <p>The mean magnetic declination is 14° E with negligible local attraction.</p> <hr/>
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CERTIFICATE OF SURVEY

I, Will C. Gabonay, Cadastral Surveyor, under the supervision of Harry K. Smith, Chief, Field Section, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 24th day of April 1984, I have dependently resurveyed a portion of the west boundary, a portion of the subdivisional lines, and surveyed subdivisions in section 19, Fractional Township 15½ North, Range 4 West, 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.

Will C. Gabonay is no longer assigned to this office and is not available for signature.

JAN 12 1987

(Date)

Harry K. Smith

Harry K. Smith, Chief Field Section

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

Bureau of Land Management

The foregoing field notes of the dependent resurvey of a portion of the West boundary and a portion of the subdivisional lines, and the survey of subdivisions in section 19, Fractional Township 15½ North, Range 4 West, Gila and Salt River Meridian, Arizona, executed by Will C. Gabonay, Cadastral Surveyor, under the supervision of Harry K. Smith, Chief, Field Section, having been critically examined and found correct, are hereby approved.

JAN 14 1987

(Date)

James P. Kelley

(Chief Cadastral Surveyor for Arizona)