

ORIGINAL

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE DEPENDENT RESURVEY
OF A PORTION OF THE NORTH BOUNDARY
AND PORTIONS OF THE SUBDIVISIONAL LINES,
AND
THE SUBDIVISION OF SECTION 4,
TOWNSHIP 22 NORTH, RANGE 1 WEST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Gordon R. Bubel, Cadastral Surveyor

Under Special Instructions dated November 20, 2017, approved November 20, 2017, which provided for the surveys included under Group No. 1181, and assignment instructions dated November 20, 2017.

Survey commenced December 5, 2017

Survey completed February 7, 2018

INDEX DIAGRAM

**TOWNSHIP 22 NORTH RANGE 1 WEST
GILA AND SALT RIVER MERIDIAN, ARIZONA**

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Subdivision of Sec. 4Pages 15-22

T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of a portion of the north boundary and portions of the subdivisional lines, and the subdivision of section 4, Township 22 North, Range 4 West, Gila and Salt River Meridian, Arizona.

The history pertaining to this survey and resurvey is as follows:

The north boundary and the subdivisional lines were surveyed by J.T. Smith, Deputy Surveyor, in 1883. Lester S. Mann, Cadastral Surveyor, in cooperation with the United States Forest Service, remonumented some of the cadastral survey corners within the township in 1964. The survey was executed to define lands identified as part of the Pine Springs Land Exchange.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 2009, the Special Instructions dated November 20, 2017 and the Assignment Instructions dated November 20, 2017, for Group Number 1181, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation R8 model receivers.

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

Geodetic control was derived from Global Navigation Satellite System (GNSS) static observations post processed by Trimble Corporation. The NAD83 (CORS96) (Epoch:2002.0), horizontal position of the 1/4 section corner of sections 9 and 10, is as follows:

Latitude: 35°18'13.716" N. Longitude: 112°23'16.231" W.

The NAD83 (CORS96) (Epoch:2002.0), horizontal position of the corner of sections 1, 6, 7 and 12, on the west boundary of the township, is as follows:

Latitude: 35°18'38.058" N. Longitude: 112°26'34.849" W.

The mean magnetic declination is 10 3/4° E.

Dependent Resurvey of a Portion of the North Boundary,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Restoring the survey executed by J.T. Smith, Deputy Surveyor, in 1883</p> <hr/>
	<p>Beginning at the cor. of secs. 3, 4, 33 and 34, Tps. 22 and 23 N., R. 1 W., on the N. bdy. of the Tp., perpetuated by Lester S. Mann, Cadastral Surveyor in 1964. Monumented with a galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. T23N R1W S33 S34 S4 S5 T22N 1964.</p>
	<p>from which the original bearing trees</p>
	<p>A juniper, 17 ins. diam., bears S. 28° E., 100 lks. dist., with a healed blaze. (1883 Record: S. 20° E., 92 lks.)</p>
	<p>A juniper, 20 ins. diam., bears N. 71° W., 58 lks. dist., with a single scribe mark visible, on a mostly healed over blaze. (1883 Record: N. 84° W., 61 lks.)</p>
	<p>and the 1964 bearing trees</p>
	<p>A juniper, 22 ins. diam., bears N. 6° E., 61 lks. dist., mkd. T23N R1W S34 BT, on an open blaze.</p>
	<p>A juniper, 6 ins. diam., bears S. 51° W., 58 lks. dist., with illegible scribe marks visible on mostly healed over blaze.</p>
	<p>Add the marks 2017 to the brass cap, raise a mound of stone around the iron post, 3 ft. base, to top.</p>
	<p>N. 85°27' W., bet. secs. 4 and 33, on the N. bdy. of the Tp.</p>
	<p>Over the SW facing slopes of Double A knoll, through moderate juniper timber.</p>
10.35	<p>Barbed wire fence, bears N. 70° E. and S. 70° W., thence across drainage.</p>
19.55	<p>Barbed wire fence, bears N. 65° E. and S. 65° W.</p>
20.015	<p>Point for the E. 1/16 sec. cor. of secs. 3 and 34. Not monumented.</p>
40.03	<p>The 1/4 sec. cor. of secs. 4 and 33, reestablished by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Monumented with a rebar, 24 ins. long, 5/8 in. diam., firmly set, 21 ins. in the ground, with attached aluminum cap, 1 1/2 ins. diam., mkd. T23N R1W S33 S4 T22N RLS 14657. Accepted as a careful and faithful reestablishment of the original cor. position.</p>

Dependent Resurvey of a Portion of the North Boundary,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 19 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.

T 23 N R 1 W
S 33
1/4 ———
S 4
T 22 N

2018

Deposit a magnet, in a white plastic case, at the base of the stainless steel post, insert the rebar inside the stainless steel post.

Witnessed by a steel fence post, set 3 lks. to the E.

From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 68 1/2° E., 2 lks. dist.

Cor. was set by Martin Martin, Arizona R.L.S., in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established subsequent to the accepted cor. and therefore not utilized in the course of this resurvey.

N. 85°29' W., beginning new measurement.

20.00

The W. 1/16 sec. cor. of secs. 4 and 33, established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office in Williams Az. Monumented with a rebar, 5/8 in. diam., firmly set, projecting 3 ins. above ground. Accepted as a careful and faithful establishment of the cor. position.

At the corner point

Atop the rebar, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.

T 23 N R 1 W
S 33
W 1/16 ———
S 4
T 22 N

2018

Dependent Resurvey of a Portion of the North Boundary,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Encircle the rebar with a collar of stone.</p> <p>Witnessed by a steel fence post, set 2 lks. to the SSE.</p> <p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 74 1/4° E., 0.7 lks. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S., in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established subsequent to the accepted cor. and therefore not utilized in the course of this resurvey.</p>
	<hr/> <p>N. 85°29' W., beginning new measurement.</p>
17.55	<p>Forest Service Road No. 7, graded, 12 ft. wide, bears N. 10° E. and S. 10° W.</p>
20.00	<p>The corner of sec. 4, 5, 32 and 33, on the N. bdy. of the Tp., perpetuated by Lester S. Mann, Cadastral Surveyor, in 1964. Monumented with a galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, in a fallen mound of stone, with brass cap mkd. T23N R1W S32 S33 S5 S4 T22N 1964.</p> <p>from which the original bearing trees</p> <p style="padding-left: 40px;">A juniper stump, 24 ins. diam., 18 ins. high, bears N. 82° E., 115 lks. dist., no marks visible, (1883 Record: N. 68° E., 104 lks.)</p> <p style="padding-left: 40px;">A juniper, 24 ins. diam., bears S. 65° W., 149 lks. dist., mkd. TXXIIN RIW S, on a partially healed over blaze. (1883 Record: S. 65° W., 120 lks.)</p> <p>and the 1964 bearing trees</p> <p style="padding-left: 40px;">A juniper, 11 ins. diam., bears N. 52° E., 51 lks. dist., with the marks BT visible on a partially healed over blaze.</p> <p style="padding-left: 40px;">A juniper, 32 ins. diam., bears S. 56° E., 60 lks. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A juniper, 5 ins. diam., bears S. 21° W., 40 lks. dist., marked S5BT on an open blaze.</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears N. 41° W., 29 lks. dist., with the marks 3N R1W S32BT visible on a partially healed over blaze.</p>

Dependent Resurvey of a Portion of the North Boundary,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

Add the marks 2017 to the brass cap, rebuild the fallen mound of stone, 4 ft. base, to top.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
J.T. Smith, Deputy Surveyor, in 1883

From the 1/4 sec. cor. of secs. 9 and 10, monumented with a sandstone, 24 x 18 x 4 ins., faintly mkd 1/4 on a face, lying loose within a scattered mound of stone. A steel fence post, with USFS sign No. 54-4 attached is set E. of the scattered mound of stone.

At the corner point, 2 ft. W. of the steel fence post.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock. Rebuild the scattered mound of stone, 4 1/2 ft. base, to top, around the stainless steel post, brass cap mkd.

T 22 N R 1 W
1/4
S 9 | S 10

2018

Deposit a magnet, in a white plastic case, at the base of the stainless steel post. Incorporate the mkd. stone, within the mound of stone.

As per a "corner record card", obtained from the Kaibab National Forest, Supervisor's Office in Williams Az., this corner was perpetuated by Faustin B. Padilla, Arizona R.L.S. No. 8121 in 1979. The steel fence post was set 2 ft. E. of the marked stone.

From this cor. point, the 1/4 sec. cor. of secs. 15 and 16, bears S. 4°40' E., 80.42 chs. dist., perpetuated by Lester S. Mann, Cadastral Surveyor, in 1964. Monumented with a galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 11 ins. above ground, in a mound of stone, 3 ft. base, to top, brass cap mkd. T22N R1W 1/4 S16 S15 1964.

from which the original bearing trees

A juniper, 11 ins. diam., bears N. 16° E., 25 lks. dist., with a healed over blaze. (1883 Record: N. 20° E.)

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS							
	<p>A juniper, 12 ins. diam., bears N. 38° W., 81 lks. dist., faintly mkd. 1/4 SBT. (1883 Record: N. 30° W., 80 lks.)</p> <p>Add the marks 2018 to the brass cap.</p> <p>N. 9°48' W., bet. secs. 9 and 10.</p> <p>Over broken land, through moderate juniper timber.</p>						
1.30	Enter reclaimed quarry, edge bears ESE and WNW.						
6.60	Exit reclaimed quarry, edge bears ENE and WSW.						
10.25	Coconino County road, No. 124, graded 20 ft. wide, bears N. 45° W. and S. 45° E.						
17.50	Enter active quarry, edge bears ENE and WSW.						
30.50	Exit active quarry, edge bears SE and NW						
36.11	<p>Point for the cor. of secs. 3, 4, 9 and 10, at proportionate dist., there is no remaining evidence of the original cor.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 10 ins. in the ground, to bedrock, in a mound of stone, 4 1/2 ft. base, to top, with brass cap mkd.</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td colspan="2" style="text-align: center;">T 22 N R 1 W</td> </tr> <tr> <td style="text-align: center;">S 4</td> <td style="text-align: center;">S 3</td> </tr> <tr> <td style="text-align: center;">S 9</td> <td style="text-align: center;">S 10</td> </tr> </table> <p style="text-align: center;">2018</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located on the E. facing slopes of Ash Fork draw, course SSE.</p> <p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 3.60 chs. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Cor. was established by double proportionate measurement using improper control. The 1/4 section corner of secs, 15 and 16 (hereinbefore described) was used as the S. controlling monument, in lieu of the 1/4 sec. cor. of secs. 9 and 10 (hereinbefore described). Not utilized in the course of this resurvey.</p>	T 22 N R 1 W		S 4	S 3	S 9	S 10
T 22 N R 1 W							
S 4	S 3						
S 9	S 10						

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this same cor. point, a sandstone, 42 x 18 x 4 ins., lying loose in a sandstone outcropping, bears N. 53°35' W., 5.34 chs. dist. Marked with 5 scratches on the exposed face, witnessed by a steel fence post set nearby.</p>
	<p>Cor. was utilized as the cor. of secs. 3, 4, 9 and 10, by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office in Williams Az. Cor. is located in an area of heavy sandstone outcroppings, with numerous mounds of stones and loose stones approximately the same size as described in the original notes. The marks upon the stone, do not appear authentic and the position is not harmoniously related to any nearby corners. This stone is rejected as the original corner or a perpetuation thereof.</p>
	<p>From this same cor. point, the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp., identical with the Gila and Salt River Principal Meridian, bears S. 88°18' E., 244.72 chs. dist. Remonumented in 1964, by Lester Mann, Cadastral Surveyor, with a galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with a mound of stone, 3 ft. base, 1 1/2 ft. high to the W., brass cap mkd. T22N R1W R1E S1 S6 S7 S12 1964.</p>
	<p>Add the marks 2018 to the brass cap.</p>
	<p>From this same cor. point, the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., bears N. 89°36' W., 243.35 chs. dist., hereinafter described.</p>
	<p>These control lines were fully retraced and a careful search was made for evidence of intervening cors., none of which were recovered.</p>
	<hr/> <p>N. 3°34' W., bet. secs. 3 and 4.</p>
	<p>Within Ash Fork draw, through moderate juniper timber and sandstone outcroppings.</p>
8.35	<p>Southerly right-of-way fence, BNSF Railway, barbed wire, bears N. 85° E. and S. 85° W.</p>
9.50	<p>Power line, bears N. 85° E. and S. 85° W.</p>
	<p>Thence, ascend 100 ft. over S. facing fill of railway embankment, across double tracks, within BNSF railway right-of-way.</p>
14.70	<p>Northerly right-of-way fence, BNSF Railway, barbed wire, bears N. 85° E. and S. 85° W.</p>
35.65	<p>Point for the 1/4 sec. cor. of secs. 3 and 4, at proportionate dist., there is no remaining evidence of the orig. cor.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>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, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 22 N R 1 W 1/4 S 4 S 3</p> <p style="text-align: center;">2018</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Cor. is located on the SW facing slopes of Ash Ford draw.</p> <p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 0°02' E., 1.80 chs. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. This cor. was established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.</p>
53.47	Point for the N. 1/16 sec. cor. of secs. 3 and 4, not monumented.
71.33	The cor. of secs. 3, 4, 33 and 34, on the N. bdy. of the Tp., hereinbefore described.
	<hr/> <p>From the cor. of secs. 3, 4, 9 and 10.</p> <p>S. 88°13' W., bet. secs. 4 and 9.</p> <p>Ascending over E. facing slopes of Ash Fork draw, thru moderate juniper timber over sandstone outcroppings.</p>
4.00	Rim of Ash Fork draw, at easterly edge of reclaimed quarry, bears SSE and NNW, thence, continue over reclaimed quarry.
10.10	Leave reclaimed quarry, edge bears SSW and NNE, enter moderate juniper timber.
20.00	Coconino County road No. 124, graded, 25 ft. wide, bears N. for 7.5 chs., thence sharply WSW.
37.65	Coconino County road No. 124, graded, 25 ft. wide, bears N. 65° E. and S. 65° W.
38.10	Point selected for a witness point.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set a rebar, 24 ins. long, 5/8 in. diam., 19 ins. in the ground, encircle with a collar of stone, attach brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with to mkd.</p> <p style="text-align: center;">W P T 22 N R 1 W S 4 ----- S 9</p> <p style="text-align: center;">2018</p> <p>Cor. is located on the S. side of BNSF railway right-of-way fence, barbed wire bears N. 65° E. and S. 65° W.</p> <p>Continuing measurement within BNSF railway right-of-way.</p>
38.15	Power line, bears N. 65° E. and S. 65° W.
38.79	Intersect line 2-3 of M.S. No. 4567, Blue Jay No. 2 placer.
	<p>From this point, cor. No. 2, M.S. No. 4567, Blue Jay No. 2 placer, bears N. 0°33' E., 2.58 chs. dist. Monumented with an iron pipe, 1 in. diam., firmly set, projecting 11 ins. above ground. Witnessed by a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high N. of the cor.</p> <p>Cor. is located in the N. right-of-way fence BNSF railway, barbed wire, bears N. 65° E. and S. 65° W.</p> <p>From this same point, cor. No. 3, M.S. No. 4567, Blue Jay No. 2 placer, bears S. 0°33' W., 7.85 chs. dist. Monumented with an iron pipe, 1 in. diam., firmly set, projecting 15 ins. above ground, in a mound of stone, 3 ft. base 1 ft. high. With attached 2 ins. diam. brass cap, stamped BJ2 3 MS4567.</p> <p>Continuing measurement within M.S. No. 4567.</p>
40.86	<p>Point for the 1/4 sec. cor. of secs. 4 and 9, at proportionate dist., there is no remaining evidence of the orig. cor.</p> <p>Cor. position falls within the bed of BNSF double track railway, where a permanent monument would be impracticable.</p> <p>A witness point on the N. and S. center line of sec. 4, is hereinafter described.</p> <p>The monument set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, for the 1/4 sec. cor. of secs. 4 and 9, according to an unrecorded "Result of Survey" obtained from Martin, was searched for and not found.</p>
44.10	N. right-of-way fence, BNSF railway, barbed wire, bears N. 65° E. and S. 65° W.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS							
56.11	<p>Intersect line 4-1 of M.S. No. 4567, Blue Jay No. 2 placer.</p> <p>From this point, cor. No. 1, M.S. No. 4567, Blue Jay No. 2 placer, bears N. 0°43' E., 1.33 chs. dist. Determined at a point on the NW side of an embedded mound of stone, 4 ft. diam., 1/2 ft. above ground.</p> <p>From this same point, cor. No. 4, M.S. No. 4567, Blue Jay No. 2 placer, identical with cor. No. 2, M.S. No. 4565, Blue Jay placer, bears S. 0°43' W., 10.12 chs. dist. Monumented with 2 ins. diam., iron pipe, projecting 6 ft. above ground, cemented in a mound of stone, 3 ft. base, 2 ft. high. Witnessed by a mound of stone 4 ft. base, 5 ft. high, alongside and N. of the cor.</p>						
57.25	<p>Forest Service Rd. No. 7A, graded, 12 ft. wide, bears N. 55° E. and S. 55° W.</p>						
79.35	<p>Forest Service Rd. No. 7, graded, 12 ft. wide, bears S. 10° E. and N. 10° W.</p>						
81.72	<p>The cor. of secs. 4, 5, 8 and 9, reestablished by Martin Martin, Arizona R.L.S. No. 18548, in 2005, by double proportionate measurement, according to an unrecorded "Result of Survey" obtained from Martin. Monumented with an aluminum rod, 30 ins. long, 3/4 in. diam., set 24 ins. in the ground, encircled with a collar of stone, with attached 2 ins. diam., aluminum cap stamped, T22N R1W S5 S4 S8 S9 2005 LS 18548. Accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <table data-bbox="808 1339 1019 1444" style="margin-left: auto; margin-right: auto;"> <tr> <td>T 22 N</td> <td>R 1 W</td> </tr> <tr> <td>S 5</td> <td>S 4</td> </tr> <tr> <td>S 8</td> <td>S 9</td> </tr> </table> <p style="text-align: center;">2018</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the aluminum rod, alongside the stainless steel post.</p> <p>From this cor. point, the cor. of secs. 1, 6, 7 and 12, on the W. bdy. of the Tp., bears N. 88°29' W., 161.72 chs. dist. Remonumented in 1964, by Lester Mann, Cadastral Surveyor, with a galvanized iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 3 1/2 ft. base, to top, with brass cap mkd. T22N R2W R1W S1 S6 S12 S7 1964.</p>	T 22 N	R 1 W	S 5	S 4	S 8	S 9
T 22 N	R 1 W						
S 5	S 4						
S 8	S 9						

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>from which the original bearing trees</p> <p>A juniper, 10 ins. diam., bears S. 42° E., 23 lks. dist., mkd. TXXIIN RIW SVII BT, on an open blaze. (1883 Record: S. 68° E.)</p> <p>A juniper, 12 ins. diam., bears N. 68° W., 36 lks. dist., with illegible faint scribe marks on an open blaze. (1883 Record: West)</p> <p>and the 1964 bearing trees</p> <p>A juniper, 16 ins. diam., bears S. 29° W., 31 lks. dist., with scribe marks T22NR1WS12BT on an open blaze.</p> <p>A forked juniper, 18 ins. diam. at base, bears N. 6° E., 24 lks. dist., mkd. S6BT on a 6 ins. diam. limb.</p> <p>Add the marks 2018 to the brass cap.</p> <p>From this same cor. point, the point accepted for the cor. of secs. 8, 9, 16 and 17, bears S. 1°09' E., 79.95 chs. dist. Monumented with a sandstone, 15 x 10 x 6 ins., mkd. with 4 grooves on a face and 4 grooves on an adjacent face. Found lying loose, alongside a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, with a steel fence post, with attached USFS sign 54-4, set nearby and to the N. A set 60d nail, was found on the east side of the mound of stone. Accepted as the best available evidence of the original cor. position.</p> <p>At the corner point, in place of the 60d nail.</p> <p>Set the mkd. stone, 4 ins. in the ground, oriented properly.</p> <p>These control lines were fully retraced and a careful search was made for evidence of intervening cors., none of which was recovered.</p> <hr/> <p>From the cor. of secs. 4, 5, 8 and 9.</p> <p>N. 1°50' W., bet. secs. 4 and 5.</p> <p>Over rolling land, through regrowth of scattered juniper, in areas that have been previously, mechanically eradicated of junipers.</p> <p>14.35 Forest Service Rd. No. 7, graded, 12 ft. wide, bears S. 25° E. and N. 25° W.</p> <p>32.50 Barbed wire fence, bears N. 60° E. and bears S. 60° W., for 51 lks. dist., to intersection with cor. of fences, extending N. 60° E., S. 60° W. and N. 10° W.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
39.98	<p>The 1/4 sec. cor. of secs. 4 and 5, reestablished by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Monumented with, an aluminum rod, 30 ins. long, 3/4 in. diam., firmly set, 24 ins. in the ground, encircled with a collar of stone, with attached 2 ins. diam., aluminum cap, stamped T22N R1W 1/4 S5 S4 2005 LS18548. Witnessed by a steel fence post, set 1 lk. W. of the cor. Accepted as a careful and faithful reestablishment of the orig. cor. position.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 18 ins. in the ground, in a mound of stone, 2 1/2 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 22 N R 1 W 1/4 S 5 S 4</p> <p style="text-align: center;">2018</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Bury the aluminum rod, alongside the stainless steel post.</p> <p>From this cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears S. 88°28' W., 1.28 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Cor. position was established incorrectly at record bearing and distance from the cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the Tp. (hereinbefore described), not utilized in this course of this resurvey. Located in a barbed wire fence, bears N., and bears S. for 50 lks., thence S. 10° E.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 1°49' W., beginning new measurement.</p>
19.99	<p>The N. 1/16 sec. cor. of secs. 4 and 5, established by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Monumented with, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above the ground, encircled with a collar of stone, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS18548. Witnessed by a steel fence post, set 1 lk. NNW of the cor. Accepted as a careful and faithful establishment of the cor. position.</p> <p>At the corner point</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Atop the rebar, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.</p> <p style="text-align: center;">T 22 N R 1 W N 1/16 S 5 S 4</p> <p style="text-align: center;">2018</p> <p>Cor. is located 53 lks. E. of a barbed wire fence, bears N. 5° E. and bears S. 5° W., for 2.34 chs., thence S.</p> <p>From this cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears N. 88°54' W., 0.63 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Cor. position was established incorrectly at record bearing and distance from the cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the Tp. (hereinbefore described), and is not utilized in this course of this resurvey.</p> <hr/> <p>N. 1°50' W., beginning new measurement.</p>
10.15	Barbed wire fence, bears N. 75° E. and bears S. 75° W., for 46 lks. dist., thence W.
20.13	The cor. of secs. 4, 5, 32 and 33, on the N. bdy. of the Tp., hereinbefore described.
	<hr/> <p>Subdivision of Section 4, T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p>From the point for the 1/4 sec. cor. of secs. 4 and 9.</p> <p>N. 2°39' W., on the N. and S. center line of sec. 4.</p> <p>Within BNSF railway right-of-way and within M.S. No. 4567, Blue Jay No. 2 placer.</p> <p>Over rolling land, through regrowth of scattered juniper, in areas that have been previously, mechanically eradicated of junipers.</p>
1.54	<p>Point selected for a witness point.</p> <p>Set a rebar, 24 ins. long, 5/8 in. diam., 20 ins. in the ground, encircle with a collar of stone, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.</p>

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">W P T 22 R 1 W C S 4 C</p> <p style="text-align: center;">2018</p> <p>Cor. is located on the N. side of the BNSF railway, N. right-of-way fence, barbed wire, bears N. 65° E. and S. 65° W.</p>
2.42	<p>Intersect line 1-2 of M.S. No. 4567, Blue Jay No. 2 placer.</p> <p>From this point, cor. No. 2, M.S. No. 4567, Blue Jay No. 2 placer, bears N. 84°05' E., 2.22 chs. dist., hereinbefore described.</p> <p>From this same point, cor. No. 1, M.S. No. 4567, Blue Jay No. 2 placer, bears S. 84°05' W., 15.19 chs. dist., hereinbefore described.</p>
7.90	<p>Forest Service Rd. No. 7A, graded, 12 ft. wide, bears N. 70° E. and S. 70° W.</p>
35.60	<p>Forest Service Rd. No. 7AG, graded, 12 ft. wide, bears S. 55° E. and N. 55° W.</p>
37.81	<p>Point for the center 1/4 sec. cor. of sec. 4, at intersection with the E. and W. center line of sec. 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">T 22 N R 1 W C 1/4 S 4</p> <p style="text-align: center;">2018</p> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a steel fence post, 2 lks. N. of the cor.</p> <p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 0°27' E., 0.90 chs. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. This cor. was established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.</p>

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
38.75	Barbed wire fence, bears S. 70° E. and N. 70° W., thence enter medium juniper timber, ascending.
56.15	Barbed wire fence, bears N. 65° E. and S. 65° W.
56.72	Point for the center N. 1/16 sec. cor. of sec. 4. Set a rebar, 24 ins. long, 5/8 in. diam., 21 ins. in the ground, encircle with a collar of stone, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd. <div style="text-align: center;"> T 22 N R 1 W C N 1/16 S 4 C 2018 </div> <p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 7 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 1°23' E., 0.45 chs. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.</p> <p>From this same cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears S. 24°01' W., 2.06 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Established utilizing improper control and not in accordance with the original plat, and it is not utilized in the course of this resurvey.</p>
58.30	Barbed wire fence, bears N. 70° E. and S. 70° W.
75.72	The 1/4 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp. <hr style="width: 50%; margin-left: 0;"/> <p>From the 1/4 sec. cor. of secs. 3 and 4. N. 88°42' W., on the E. and W. center line of sec. 4. Descending over the SW facing foot hills of Double A knoll, through moderate juniper timber.</p>
7.30	Wash at bottom of Ash Fork draw, 25 lks. wide, course S. 10° E.
20.19	Point for the center E. 1/16 sec. cor. of sec. 4.

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

Set a rebar, 24 ins. long, 5/8 in. diam., 19 ins. in the ground, encircle with a collar of stone, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.

T 22 N R 1 W
E 1/16
C———C
S 4

2018

From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 1 1/2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 0°07' E., 1.35 chs. dist.

Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.

From this same cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears N. 18°49' W., 6.00 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Established utilizing improper control and not in accordance with the original plat, and it is not utilized in this course of this resurvey.

40.38 The center 1/4 sec. cor. of sec. 4.

48.98 Barbed wire fence, bears N. 88 3/4° E. and S. 88 3/4° W.

52.95 From this point, a fence cor. at the main gate of Double A ranch, bears S., 17.5 lks. dist., fence extends N. 88 3/4° E., and N. 61° W., for 1.56 chs. dist., to intersection with easterly side of a cattle chute.

60.565 Point for the center W. 1/16 sec. cor. of sec. 4.

Set a rebar, 24 ins. long, 5/8 in. diam., 17 ins. in the ground, to bedrock, in a mound of stone, 2 1/2 ft. base, to top, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.

T 22 N R 1 W
W 1/16
C———C
S 4

2018

Set a steel fence post 2 lks. S. of the cor.

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
67.40	Barbed wire fence, bears N. 65° E. and S. 65° W.
80.75	The 1/4 sec. cor. of secs. 4 and 5, hereinbefore described.
	<hr/> NE 1/4, Section 4 <hr/>
	From the center E. 1/16 sec. cor. of section 4.
	N. 3°06' W., on the N. and S. center line of the NE 1/4 of sec. 4.
	Ascending over the SW facing slopes of Double A knoll, through moderate juniper timber.
18.37	Point for the NE 1/16 sec. cor. of sec 4, at intersection with the E. and W. center line of the NE 1/4 of sec. 4.
	Set a rebar, 24 ins. long, 5/8 in. diam., 18 ins. in the ground, to bedrock, in a mound of stone, 2 1/2 ft. base, to top, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.
	T 22 N R 1 W NE 1/16 S 4 2018
	From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 3 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 0°25' E., 0.68 chs. dist.
	Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.
	From this same cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears N. 18°51' W., 2.98 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Established utilizing improper control and not in accordance with the original plat, and is not utilized in this course of this resurvey.
36.80	The point for the E. 1/16 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp.
	<hr/> From the point for the N. 1/16 sec. cor. of secs. 3 and 4.

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	N. 87°07' W., on the E. and W. center line of the NE 1/4 of sec. 4.
	Descending over the SW facing slopes of Double A knoll, through moderate juniper timber.
20.095	The NE 1/16 sec. cor. of sec. 4.
40.19	The center N. 1/16 sec. cor. of sec. 4.
<hr/>	
NW 1/4, Section 4	
<hr/>	
	From the center W. 1/16 sec. cor. of section 4.
	N. 2°14' W., on the N. and S. center line of the NW 1/4 of sec. 4.
	Over rolling land, through regrowth of scattered juniper, in areas that have been previously, mechanically eradicated of junipers.
2.10	Woven and barbed wire fence, bears N. 70° E. and S. 70° W. Thence enter active ranching operation.
2.95	Woven and barbed wire fence, bears N. 85° E. and S. 85° W.
5.65	Barbed wire fence, 7 strands. bears S. 45° E. and N. 45° W.
6.65	Barbed wire fence, 6 strands. bears S. 40° E. and N. 40° W.
9.80	Barbed wire fence, 6 strands. bears E. and W.
11.15	Barbed wire fence, 6 strands. bears E. and W.
19.20	Barbed wire fence, bears S. 75° E. and N. 75° W. Thence exit active ranching operation
19.45	Point for the NW 1/16 sec. cor. of sec 4, at intersection with the E. and W. center line of the NW 1/4 of sec. 4. Set a rebar, 24 ins. long, 5/8 in. diam., 23 ins. in the ground, encircle with a collar of stone, attach a brass cap, 2 ins. diam. x 1 3/4 ins. long stem, with top mkd.
T 22 N R 1 W NW 1/16 S 4	
2018	

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, an aluminum rod, 3/4 in. diam., firmly set, projecting 1 ins. above ground, with attached 2 ins. diam., aluminum cap, stamped MARTIN LAND SURVEYS LS 18548, bears S. 1°46' E., 0.23 chs. dist.</p> <p>Cor. was set by Martin Martin, Arizona R.L.S. No. 18548, in 2005, according to an unrecorded "Result of Survey" obtained from Martin. Established utilizing improper control as previously described, and it is not utilized in the course of this resurvey.</p> <p>From this same cor. point, a rebar 1/2 in. diam., firmly set, projecting 4 ins. above ground, bears N. 37°37' W., 1.21 chs. dist. Cor. was established by James E. Andrews, Arizona R.L.S. No. 14657, in 1986, as per an unrecorded "Result of Survey" obtained from the Kaibab National Forest, Supervisor's Office, in Williams Az. Established utilizing improper control and not in accordance with the original plat, and is not utilized in this course of this resurvey.</p>
19.90	<p>Toe of slope, bears S. 55° E. and N. 55° W.</p> <p>Thence ascend westerly facing slopes of Double A knoll, through moderate juniper timber.</p>
39.02	<p>The W. 1/16 sec. cor. of secs. 4 and 33, on the N. bdy. of the Tp.</p> <hr/> <p>From the center N. 1/16 sec. cor. of sec. 4.</p> <p>N. 87°08' W., on the E. and W. center line of the NW 1/4 of sec. 4.</p> <p>Over westerly facing slopes of Double A knoll, through moderate juniper timber.</p>
3.40	Barbed wire fence, bears N. 65° E. and S. 65° W.
9.20	<p>Barbed wire fence, bears S. 20° E. and N. 20° W.</p> <p>Thence enter fenced area, surrounding Double A tank.</p>
12.40	From this point, the northerly edge of high water mark of Double A tank, bears S., 1.6 chs. dist. Water in tank at date of survey, occupies 2.8 acres +/-.
13.90	<p>Barbed wire fence, bears N. 40° E. and S. 40° W.</p> <p>Thence exit fenced area surrounding Double A tank.</p>
20.08	The NW 1/16 sec. cor. of sec. 4.
21.25	Barbed wire fence, bears S. 75° E. and N. 75° W.

Subdivision of Section 4,
T. 22 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
24.45	Barbed wire fence, bears S. 5° E. and bears N. 5° W., for 70 lks. dist., to intersection with barbed wire fence bearing S. 75° E. and N. 70° W.
40.16	The N. 1/16 sec. cor. of secs. 4 and 5.
	<hr/> GENERAL DESCRIPTION <hr/>
	<p>The area surveyed and resurveyed is approximately located 12 miles WSW of Williams Arizona and 8 miles NE of Ash Fork Arizona. Primary access is provided by Coconino County road number 124. Secondary access is provided by USFS roads.</p> <p>Ash Fork Draw bisects section 4 from NW to SE. The southwest facing slopes of Double A knoll are adjacent and NE of Ash Fork draw. An active quarry is located in the SE 1/4 of section 4. The BNSF railway (double track) intersects section 4 near the 1/4 section corner of sections 9 and 4, traverse in a ENE/WSW direction, and intersects the line between secs. 3 and 4, about 12 chs. N. of the corner to sections 3, 4, 9 and 10. The ranch headquarters for the Double A ranch and the Double A tank are located in the SE 1/4 of the NW 1/4 of section 4.</p> <p>A thin layer of top soil exists over sandstone, with many sandstone outcroppings and large exposed sheets of sandstone. Large areas of junipers have been mechanically removed to increase available forage.</p> <p>The mean magnetic declination of 10 3/4° E. was derived from the National Oceanic and Atmospheric Administration on line computer program, utilizing the World Magnetic Model 2015.</p> <hr/>

CERTIFICATE OF SURVEY

I, Gordon R. Bubel, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 20th day of November, 2017. I have dependently resurveyed a portion of the north boundary and portions of the subdivisional lines and subdivided section 4, in Township 22 North, Range 1 West, of the Gila and Salt River Meridian, in the State of Arizona. Represented in the foregoing field notes as having been executed by me and under my direction. 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, 2009, and in specific manner described in the foregoing field notes.

SEPT. 10, 2018
(Date)

Gordon R. Bubel
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of a portion of the north boundary and portions of the subdivisional lines, and the subdivision of section 4, in Township 22 North, Range 1 West, Gila and Salt River Meridian, in the State of Arizona, executed by Gordon R. Bubel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

9/13/2018
(Date)

[Signature]
(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. 22 N., R. 1 W., Gila and Salt River Meridian, in the state of Arizona, is a true copy of the original field notes.~~

~~_____
(Date)~~

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