

ORIGINAL

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

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF  
THE SUBDIVISIONAL LINES AND  
MINERAL SURVEY No. 3970  
AND  
METES-AND-BOUNDS SURVEYS  
IN SECTIONS 20 AND 21,  
**TOWNSHIP 12 1/2 NORTH, RANGE 1 WEST,**  
OF THE GILA AND SALT RIVER MERIDIAN,  
IN THE STATE OF ARIZONA.

**EXECUTED BY**

**Craig S. Dukart, Cadastral Surveyor**

Under Special Instructions dated September 30, 2010, approved September 30, 2010, which provided for the surveys included under Group No. 1085, and assignment instructions dated September 30, 2010.

**Survey commenced November 4, 2010**

**Survey completed November 23, 2010**

## INDEX DIAGRAM

TOWNSHIP 12 1/2 NORTH                      RANGE 1 WEST  
 GILA AND SALT RIVER MERIDIAN, ARIZONA

19	20	21 4	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

Dependent Resurvey of a portion of MS No. 3970 .....Pages 6-9

Metes-and-Bounds Survey of a Portion of the  
 South End Line of the Fourth of July

Mining Claim (Unsurveyed) .....Pages 9-10

## T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes describe the dependent resurvey of a portion of the subdivisional lines and Mineral Survey No. 3970 and metes-and-bounds surveys in sections 20 and 21, Township 12 1/2 North, Range 1 West, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

Mineral Survey No. 3959, was surveyed by J. William Waara, U.S. Mineral Surveyor, in 1924.

Mineral Survey No. 3970, was surveyed by J. William Waara, U.S. Mineral Surveyor, in 1924-1925.

The subdivisional lines and mineral segregation lines were surveyed by Gary W. Rutledge and Paul G. Bauer, in 1963-1964.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 2009, and the Special Instructions dated September 30, 2010, for Group Number 1085, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation 5700 and 5800 model receivers, and the Sokkia SET2BII Electronic Total Station.

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 true line field notes are given herein.

The Fourth of July mining claim is unsurveyed, however the location of the South end line of said claim is identified in Mineral Survey No. 3970. That portion of Homestead lode, Mineral Survey No. 3970 north of the Fourth of July South end line is excluded from the patent of the Homestead lode, Mineral Survey No. 3970.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) DL1898 AZPS PRESCOTT CORS ARP, DH3751 AZAH ASHLER HILLS CORS ARP, DL1882 AZFL NAU FLAGSTAFF CORS ARP, DJ8983 FST6 FLAGSTAFF 6 CORS ARP, AJ6820 SRP1 SALT RIVER PROJEC CORS ARP, DL3063 AZTP TEMPE CORS ARP, DG8519 AZBK MCDOT BUCKEYE CORS ARP, DL9798 KGMN MOHAVE FLOOD HQ CORS ARP and DF5763 AZGB GILA COUNTY CORS ARP.

## T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	<p>The NAD 83 (CORS96) (EPOCH: 2002), geographic position of corner No. 2, Homestead lode, is as follows:</p> <p>Latitude: 34°27'06.02" N.                      Longitude: 112°22'37.27" W.</p> <p>The NAD 83 (CORS96) (EPOCH: 2002), geographic position of corner No. 3, Homestead lode, is as follows:</p> <p>Latitude: 34°26'54.88" N.                      Longitude: 112°22'48.83" W.</p> <p>The mean magnetic declination is 11 1/4° E.</p> <hr/> <p style="text-align: center;"><b>Dependent Resurvey of a portion of the Subdivisional Lines, T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona</b></p> <hr/> <p style="text-align: center;">Restoring the survey executed by Gary W. Rutledge and Paul G. Bauer, in 1963-1964.</p> <hr/> <p>Beginning at the cor. of secs. 20, 21, 28 and 29, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 20 ins. above the ground, in a mound of stone, 4 1/2 ft. base, 1 ft. high, with brass cap mkd. T12 1/2N R1W S20 S21 S29 S28 1963, from which the original bearing trees</p> <p style="padding-left: 40px;">A pine, 13 ins. diam., bears N. 14° E., 60 1/2 lks., with a healed blaze. (Record: N. 15° E., 60 lks.)</p> <p style="padding-left: 40px;">A pine, 16 ins. diam., bears S. 67 1/2° E., 63 lks. dist., with scribe marks S28 BT visible on partially open blaze.</p> <p style="padding-left: 40px;">A spruce, 18 ins. diam., bears S. 23° W., 38 1/2 lks. dist., with a healed blaze. (Record: S. 21°45' W., 37 lks.)</p> <p style="padding-left: 40px;">A pine, 12 ins. diam., bears N. 63 1/2° W., 14 1/2 lks. dist., with a healed blaze. (Record: N. 63° W., 13 lks.)</p> <p>Straighten the iron post, rebuild the mound of stone, 4 1/2 ft. base, to top of cap. Add the marks 2010 to the brass cap.</p> <p>N. 0°01' W., bet secs. 20 and 21.</p> <p>9.90 Point of intersection of line 4-1, Rattler Load, Mineral Survey No. 3959. Not monumented.</p>
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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>From this point, cor. No. 1, Rattler lode, Mineral Survey No. 3959, bears N. 62°00' E., 3.423 chs. dist., monumented with a granite stone, 9 x 11 ins., firmly set, projecting 16 ins. above the ground, mkd. R-1 3959 on the W. face and an X on top, from which</p> <p style="padding-left: 40px;">A granite outcrop, 8 x 10 ft., 2 ft. high, bears S. 62°59' E., 13.4 ft. dist., with marks BR + R1 visible on shelf in the middle of the outcrop. (Record: S. 54°56' E., 10.8 ft.)</p> <p>From this same point, Cor. No. 4, Rattler lode, Mineral Survey No. 3959, bears S. 62°00' W., 18.852 chs. dist., monumented with an X chiseled on the top of a granite outcrop, 6 x 6 ft., 4 ft. high, mkd. R4 3959 on S. face near the SW corner of the outcrop, and just below the top edge.</p>
16.28	<p>Point of intersection of line 2-3, Homestead Load, Mineral Survey No. 3970. Not monumented.</p> <p>From this point, Cor. No. 2, Homestead lode, bears N. 40°41' E., 5.368 chs. dist., hereinafter described.</p> <p>From this same point, cor. No. 3, Homestead lode, bears S. 40°41' W., 17.144 chs. dist., hereinafter described.</p>
21.665	<p>Point of intersection of the S. end line of the Fourth of July lode claim (unsurveyed), identical with AP2, sec. 20 and AP2, sec. 21, hereinafter described.</p>
25.445	<p>Point of intersection of line 1-2, Homestead Load, Mineral Survey No. 3970, identical with AP3, Sec. 20 and AP1, Sec. 21.</p> <p>At the intersection point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 12 1/2 N R 1 W</p> <p>AP3   AP1</p> <p>MS3970</p> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>from which</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS	
	<p>A granite boulder, 14 x 34 ins., 12 ins. high, bears S. 88 1/4° E., 16.9 ft. dist., mkd. X BO.</p>
	<p>Set a guard post with a monument sign, 54-9, and a USFS bdy. sign, nearby.</p>
	<p>From this point, a local cor., established, by Raymond Lee Jones, Arizona R.L.S. No. 5713, as per plat recorded page 49, Book 37 of Maps and Plats, in the Yavapai County Recorder's office, bears S. 10°39' W., 26 1/2 lks. dist., monumented with a rebar, 5/8 in. diam., firmly set, projecting 4 ins. above the ground, with a USDA FOREST SERVICE CADASTRAL SURVEY alum. cap mkd. LS 5713 1997, and a brass tag mkd. 5713 wired to it.</p>
	<p>From this same point, Cor. No. 1, Homestead lode, bears N. 34°41' W., 3.255 chs. dist., hereinafter described.</p>
	<p>From this same point, cor. No. 3, Homestead lode, bears S. 34°41' E., 6.181 chs. dist., hereinafter described.</p>
39.899	<p>True point for the 1/4 sec. cor. of secs. 20 and 21, determined at proportionate dist. Falls in cabin site where it is impracticable to establish a permanent monument.</p>
42.792	<p>The witness cor. to the 1/4 sec. cor. of secs. 20 and 21, monumented with an iron post, 2 1/2 ins. diam., firmly set and slightly leaning, projecting 12 ins. above the ground, in a scattered mound of stone, 3 ft. base, 1/2 ft. high, with brass cap mkd. T12 1/2N R1W 1/4 S20 S21 WC 1963, and an arrow pointing to the true point.</p> <p>Straighten the iron post, rebuild the mound of stone, 3 1/2 ft. base, to top of cap. Add the marks 2010 to the brass cap.</p>
	<hr/> <p><b>Dependent Resurvey of a portion of Mineral Survey No. 3970, T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona</b></p> <hr/>
	<p>Restoring the survey executed by J. William Waara, in 1924-1925</p> <hr/>
	<p>HOMESTEAD LODE</p> <hr/>
	<p>From cor. No. 1, Homestead lode, monumented with a wood post, 8 ins. diam., firmly set, projecting 6 ft. above the ground, with a USFS monument sign, 54-9, attached, from which the orig. accessory</p>

Dependent Resurvey of a portion of Mineral Survey No. 3970,  
T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A granite rock in place, 12 x 12 ins., 20 ins. high, bears N. 59°42' W., 21.0 ft. dist., mkd. BXR H1 3970 on the SE face.</p> <p>From this cor., a galvanized pipe, 1 in. diam., firmly set, projecting 4 ft. above the ground, bears N. 35° W., 1 1/2 lks. dist.</p> <p>From this same cor., a local cor., established by Raymond Lee Jones, Arizona R.L.S. No. 5713, as per plat recorded page 49, Book 37 of Maps and Plats, in the Yavapai County Recorder's office, bears S. 0°52' E., 29 lks. dist., monumented with a rebar, 3/4 in. diam., firmly set, projecting 5 ins. above the ground, with a USDA FOREST SERVICE CADASTRAL SURVEY alum. cap mkd. LS 5713 1997.</p> <p>S. 34°31' E., on line 1-2, Homestead lode.</p>
3.255	<p>Point of intersection of the line bet. secs. 20 and 21, identical with AP3, Sec. 20 and AP1 Sec. 21. Hereinbefore described.</p>
9.436	<p>Cor. No. 2, Homestead lode, monumented with a porphyry stone, 7 x 11 ins., firmly set, projecting 11 ins. above the ground, mkd. H2 3970 on the NW face, with a scattered mound of stone, 2 ft. base, 1/2 ft. high, NE of cor., and a guard post with a monument sign, 54-9, and a USFS bdy. sign, nearby.</p> <p>From this cor., a local cor., bears N. 52°00' W., 0.6 ft. dist., monumented with an open end iron pipe, 3/4 in. diam., firmly set, projecting 9 ins. above the ground. This cor. was set by persons unknown.</p> <p>Remove the monument sign, 54-9, and a USFS bdy. sign, from the guard post.</p> <hr/> <p>S. 40°41' W., on line 2-3, Homestead.</p>
1.901	<p>Point of intersection of the S. end line of the Fourth of July lode claim (unsurveyed), identical with AP3, Sec. 21, determined at proportionate dist., using Mineral Survey No. 3970 record.</p> <p>At this point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole, in the SW cor. of a granite outcrop, 6 x 8 ft., 10 ft. high, with brass cap mkd.</p>

Dependent Resurvey of a portion of Mineral Survey No. 3970,  
T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS	
	<div data-bbox="763 304 1039 514" data-label="Diagram"> </div> <p data-bbox="386 546 1274 577">Deposit magnet fragments, at the base of the drill hole.</p> <p data-bbox="386 609 544 640">from which</p> <p data-bbox="479 661 1421 756">A granite outcrop, 4 x 12 ft., 5 ft. high, bears S. 33 49' E., 15.7 ft. dist., mkd. BXO on SW cor. of outcrop.</p> <p data-bbox="386 787 1421 850">Set a guard post with a monument sign, 54-9, and use a USFS bdy. sign, nearby.</p> <p data-bbox="386 871 1421 1029">From this point, a local cor., bears S. 39°21' W., 94 1/2 lks. dist., monumented with an open end galvanized post, 7/8 in. diam., firmly set, projecting 16 ins. above the ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high. This cor. was set by persons unknown.</p>
5.368	Point of intersection of the line bet. secs. 20 and 21, hereinbefore described.
20.869	<p data-bbox="386 1144 1421 1207">Point of intersection of line 4-1, Rattler Lode, Mineral Survey No. 3959.</p> <p data-bbox="386 1239 592 1270">At this point</p> <p data-bbox="386 1302 1421 1365">Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p> <div data-bbox="755 1386 1039 1575" data-label="Diagram"> </div> <p data-bbox="386 1606 1421 1669">Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p data-bbox="386 1690 1421 1753">Set a guard post with a monument sign, 54-9, and use a USFS bdy. sign, nearby.</p> <p data-bbox="386 1774 1421 1879">From this point, cor. No. 1, Rattler lode, Mineral Survey No. 3959, bears N. 62°00' E., 14.870 chs. dist., hereinbefore described.</p>

Dependent Resurvey of a portion of Mineral Survey No. 3970,  
T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

From this same point, cor. No. 4, Rattler lode, Mineral Survey No. 3959, bears S. 62°00' W., 7.405 chs. dist., hereinbefore described.

From this same point, cor. No. 3, Homestead lode, identical with cor. No. 2, Oro Plata lode, U.S. Mineral Survey No. 3959, bears S. 40°41' W., 1.643 chs. dist., monumented with marks chiseled in a rock cliff, 60 ft. long, 20 ft. high, with marks H3 + OP2 and 970 visible 2 ft. above the base of the cliff.

Re-chisel H3 + OP2.

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From cor. No. 1, Homestead lode, hereinbefore described.

S. 39°19' W., on a portion of line 1-4, Homestead.

2.73 Point of intersection of the S. end line of the Fourth of July lode claim (unsurveyed), identical with AP 1, Sec. 20, determined at proportionate dist., using Mineral Survey No. 3970 record.

At this point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.

T 12 1/2 N R 1 W

2010

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

Set a guard post with a monument sign, 54-9, and use a USFS bdy. sign, nearby.

From this point, cor. No. 4, Homestead lode, identical with cor. No. 1, Oro Plata lode, Mineral Survey No. 3959 and cor. No. 2, Oro lode, Mineral Survey No. 3959, bears S. 39°19' W., 19.884 chs. dist., monumented with porphyry stone, 8 x 13 ins., firmly set, projecting 11 ins. above the ground, mkd. H4 3970 on NE face, OP1 3959 on S. face, O2 on NW face, and an X on top, with a mound of stone, 2 1/2 ft. base, 1 ft. high, SW of cor.

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**Metes-and-Bounds Survey of a Portion of the South End Line of the Fourth of July Mining Claim (Unsurveyed), in Sections 20 and 21, T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona**

CHAINS							
	<p>From the intersection of line 4-1, Homestead lode, with the S. end line of the Fourth of July lode claim (unsurveyed), identical with AP1, Sec. 20, hereinbefore described.</p> <p>S. 39°25' E., on a portion of the S. end line, Fourth of July lode claim (unsurveyed), in sec. 20.</p> <p>5.630 Point for the intersection of the line bet. secs. 20 and 21, identical with AP2, Sec. 20 and AP2 Sec. 21.</p> <p>At the intersection point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 12 1/2 N R 1 W</p> <table style="margin: auto;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">AP2</td> <td style="padding: 0 5px;">AP2</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">MS</td> <td style="padding: 0 5px;">3970</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">S20</td> <td style="padding: 0 5px;">S21</td> </tr> </table> <p>2010</p> </div> <p>Deposit a magnet, in a white plastic case, at the base of the stainless steel post.</p> <p>Set a guard post with a monument sign, 54-9, and a USFS bdy. sign, nearby.</p> <p>From this point, the witness cor. to the 1/4 sec. cor. of secs. 20 and 21, bears N. 0°01' W., 21.127 chs. dist., hereinbefore described.</p> <p>From this same point, cor. of secs. 20, 21, 28 and 29, bears S. 0°01' E., 21.665 chs. dist., hereinbefore described.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 39°25' E., on a portion of the S. end line, Fourth of July lode claim (unsurveyed), in sec. 21, beginning new measurement.</p>	AP2	AP2	MS	3970	S20	S21
AP2	AP2						
MS	3970						
S20	S21						
<p>3.566</p>	<p>Point of intersection of line 2-3, Homestead lode, identical with AP3, sec. 21, hereinbefore described.</p> <hr style="width: 60%; margin: 10px auto;"/>						

## T. 12 1/2 N., R. 1 W., Gila and Salt River Meridian, Arizona

CHAINS

## GENERAL DESCRIPTION

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These surveys are located near the community of Walker, Arizona, in the Bradshaw mountains. The terrain is mountainous with rock outcrops supporting oak and pine timber.

The elevation varies from 6,400 to 6,800 ft. above sea level.

The mean magnetic declination of 11 1/4° E. was derived from the National Geophysical Data Center's magnetic declination calculator, GEOMAG v6.0, utilizing the International Geomagnetic Reference Field Model for years 2005 through 2010, for the dates of the survey.

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