

ORIGINAL

1

BOOK 5462

UNITED STATES

DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

---

DEPENDENT RESURVEY OF

---

A PORTION OF THE SOUTH BOUNDARY

---

AND A PORTION OF THE SUBDIVISIONAL LINES,

---

THE SUBDIVISION OF SECTION 32,

---

AND THE METES-AND-BOUNDS SURVEYS

---

IN SECTION 32,

---

TOWNSHIP 3 SOUTH, RANGE 29 EAST

---

Of the Gila and Salt River Meridian,

In the State of Arizona

EXECUTED BY

Gordon R. Bube1, Cadastral Surveyor

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Under Special Instructions dated October 2, 1995, approved October 2, 1995, which provided for the surveys included under Group Number 793 and assignment instructions dated October 17, 1995.

Survey commenced October 30, 1995

Survey completed January 24, 1996

BOOK 5462  
INDEX DIAGRAM

TOWNSHIP 3 SOUTH, RANGE 29 EAST,

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## BOOK 5462

T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines, the subdivision of section 32, and the metes-and-bounds surveys in section 32, Township 3 South, Range 29 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows: William H. Thorn and Benjamin J. Kinsey surveyed the south boundary and the subdivisional lines in 1921. E.T. Morton surveyed Mineral Survey Numbers 3098 (cancelled) and 3101 in 1913 and Mineral Survey Number 3293, in 1916.

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 2, 1995, for Group No. 793, Arizona.

Preliminary to the resurvey, 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 positions; 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.

The directions of all lines were determined by direct hour angle observations on the sun, and refer to the true meridian. Distances and angles were measured with a Sokkia SET2BII total station instrument.

The geographic position of the 1/4 sec. cor. of secs. 32 and 33 as determined by differential positioning using the Ashtech MXII Geodetic Positioning System, with U.S. Coast and Geodetic Survey triangulation station "SIDE 1945" used as a control station, is as follows:

Latitude: 33°07'42.84" N. Longitude: 109°22'28.37" W. NAD 27

The mean magnetic declination as taken from quadrangle map CORONADO MOUNTAIN ARIZ., published in 1989 by U.S. Geological Survey, is 11 1/2° E.

## BOOK 5462

Dependent Resurvey of a Portion of the South Boundary  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">Restoring the survey executed by William H. Thorn and Benjamin J. Kinsey in 1921</p> <hr/>
	<p>Beginning at the witness cor. for the 1/4 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, projecting 28 ins. above ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd. WC 1/4 S32 S5 1921.</p>
	<p>Add the marks T3S R29E T4S 1995 to the brass cap.</p>
	<p>N. 89°50' W., bet. secs. 5 and 32.</p>
	<p>Over mountainous land, through dense undergrowth, scattered timber.</p>
2.00	<p>True point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate distance; the cor. point falls on nearly vertical cliff, where it is impracticable to establish a permanent monument.</p>
42.06	<p>The cor. of secs. 5, 6, 31 and 32, on the S. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 20 ins. above ground, in a mound of stone, 2 1/2 ft. base, 2 ft. high, with brass cap mkd. T3S R29E S31 S32 S6 S5 T4S 1921.</p>
	<p>Add the marks 1995 to the brass cap.</p>
	<p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona</p> <hr/>
	<p style="text-align: center;">Restoring the survey executed by William H. Thorn and Benjamin J. Kinsey in 1921</p> <hr/>
	<p>From the 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 2 1/2 ft. base, to top., with brass cap mkd. 1/4 S32 S33 1921.</p>
	<p>Add the marks T3S R29E 1995 to the brass cap.</p>
	<p>N. 0°09' W., bet. secs. 32 and 33.</p>
	<p>Over mountainous land, through dense undergrowth, scattered timber.</p>
40.05	<p>Point for the cor. of secs. 28, 29, 32 and 33, at proportionate dist.; there is no remaining evidence of the original cor.</p>

## BOOK 5462

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS									
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 4 ft. base, 1/2 ft. high, to top, with brass cap mkd.</p> <div style="text-align: center;"> <table border="1"> <tr> <td>T3S</td> <td>R29E</td> </tr> <tr> <td>S29</td> <td>S28</td> </tr> <tr> <td>S32</td> <td>S33</td> </tr> <tr> <td colspan="2">1995</td> </tr> </table> </div> <p>from which</p> <p style="padding-left: 40px;">A juniper, 10 ins. diam., bears S. 10° E., 89 lks. dist., mkd. T3S R29E S33 BT</p> <p style="padding-left: 40px;">A juniper, 9 ins. diam., bears S. 55 1/2° W., 46 lks. dist., mkd. T3S R29E S32 BT</p> <p>Deposit a railroad spike, 1/2 in. wide, 6 1/2 ins. long, beneath the stainless steel post.</p> <p>The cor. is located in a bulldozer cut, 20 lks. wide, bears N. and S.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, in a mound of stone, 2 ft. base, 1 1/2 ft. high, with brass cap mkd. 1/4 S28 S33 1921.</p> <p>Add the marks T3S R29E 1995 to the brass cap.</p> <p>West, bet. secs. 28 and 33.</p> <p>Over mountainous land, through dense undergrowth, scattered timber.</p> <p>39.91 The cor. of secs. 28, 29, 32 and 33.</p> <hr/> <p>N. 0°08' E., bet secs. 28 and 29.</p> <p>Over mountainous land, through dense undergrowth, scattered timber.</p> <p>40.05 The 1/4 sec. cor. of secs. 28 and 29, monumented with an iron post, 1 in. diam., firmly set, projecting 9 ins. above ground, in a mound of stone, 2 ft. base, to top, with brass cap mkd. S29 S28 1921, from which the remaining original bearing tree</p>	T3S	R29E	S29	S28	S32	S33	1995	
T3S	R29E								
S29	S28								
S32	S33								
1995									

## BOOK 5462

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

## CHAINS

An oak stump, 16 ins. diam., with a limb, 4 ins. diam.,  
2 1/2 ft. long, bears S. 61 3/4° W., 38 lks. dist., mkd.  
with a 4 on a partially destroyed blazed. (Record  
S. 62 1/2° W., 37 lks. dist.)

and a new bearing object

A granite outcropping, 4 x 2 x 1 ft. high, bears  
S. 89 3/4° W., 16 lks. dist., mkd. XBO on top of  
the W. face.

Add the marks T3S R29E 1/4 1995 to the brass cap.

From the cor. of secs. 28, 29, 32 and 33.

N. 89°59' W., bet. secs. 29 and 32.

Over mountainous land, through dense undergrowth, scattered  
timber.

5.29

Point for AP 1, of a metes-and-bounds survey in sec. 32, at  
intersection with line 4-1, Southern Belle lode, M.S. No. 3098  
(canceled).

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21  
ins. in the ground, in a mound of stone, 2 ft. base, 1/2 ft.  
high, with brass cap mkd.

T3S R29E  
S 29  
-----  
AP1 / S 32  
1996

Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic  
case beneath the stainless steel post.

From this cor. point, cor. No. 4, Southern Belle lode, M.S.  
No. 3098 (canceled), bears N. 61°32' W., 7.15 chs. dist.,  
monumented with a mound of stone, 3 ft. base, 2 ft. high, with a  
pine post, 6 x 4 ins. sq., 38 ins. long, lying loose on top of  
the mound of stone, mkd. SB 4-3098 on a face, from which the  
original bearing object:

A granite cliff, 20 x 15 ft. bears N. 62° W., 0.6 ft. dist.,  
mkd. X BR 4-3098 on the E. face.

## BOOK 5462

Dependent Resurvey of a Portion of the Subdivisional Lines  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
11.81	<p>Point for AP 2, of a metes-and-bounds survey in sec. 32, at intersection with line 3-4, Southern Belle lode, M.S. No. 3098 (canceled).</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, in a drill hole, cemented in place, flush with a granite outcropping, 7 x 4 x 1/2 ft. high, with brass tablet mkd.</p> <div style="text-align: center;"> <p>T3S R29E S 29</p> <hr style="width: 50%; margin: auto;"/> <p>S 32 / AP2</p> <p>1996</p> </div> <p>from which</p> <p style="padding-left: 40px;">A granite outcropping, 6 x 2 x 3 ft. high, bears N. 21 3/4° W., 11 lks. dist., mkd. X BO on the SSE face.</p> <p>Deposit four U. S. Mint copper 1-cent pieces at the base of the drill hole.</p> <p>From this cor. point, cor. No. 4, Southern Belle lode, M.S. No. 3098 (canceled), bears N. 3°58' E., 3.41 chs. dist., hereinbefore described.</p> <p>Cor. is located on the side of a steep NE slope.</p>
40.05	<p>The 1/4 sec. cor. of secs. 29 and 32, monumented with an iron post, 1 in. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd. S29 1/4 S32 1921, with a mound of stone 2 1/2 ft. base, 2 ft. high N. of the cor.</p> <p>Add the marks T3S R29E 1995 to the brass cap.</p> <p>Cor. is located on the side of a very steep ESE slope.</p>
<hr/> <p>Subdivision of Section 32 T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona</p> <hr/>	
40.08	<p>From the true point for the 1/4 sec. cor. of secs. 5 and 32, on the S. bdy. of the Tp.</p> <p>N. 0°06' W., on the N. and S. center line of sec. 32.</p> <p>Point for the center 1/4 sec. cor. of sec. 32, at intersection with the E. and W. center line of sec. 32.</p>

## BOOK 5462

Subdivision of Section 32

T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<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> <p style="text-align: center;">T3S R29E C 1/4 S 32 1996</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>
80.09	<p>The 1/4 sec. cor. of secs. 29 and 32.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 32 and 33.</p> <p>N. 89°55' W., on the E. and W. center line of sec. 32.</p>
2.85	<p>Center of improved dirt road, 38 lks. wide, bears NE and SW.</p>
4.38	<p>Center line of U.S. Highway No. 191, asphalt surfaced, 45 lks. wide, bears NNE and SSW.</p>
6.16	<p>Intersect line 2-3, Johanner No. 2 lode, M.S. No. 3101, identical with line 12-13 of a metes-and-bounds survey in sec. 32.</p> <p>From this point, cor. No. 3, Johanner No. 2 lode, M.S. No. 3101, identical with AP 13 of a metes-and-bounds survey in sec. 32, bears N. 16°11' E., 11.43 chs. dist., hereinafter described.</p> <p>From this same point, cor. No. 2, Johanner No. 2 lode, M.S. No. 3101, identical with AP 12 of a metes-and-bounds survey in sec. 32, bears S. 16°11' W., 11.42 chs. dist., hereinafter described.</p>
17.99	<p>Intersect line 4-1, Santa Lucia lode, M.S. No. 3293, identical with line 5-6 of a metes-and-bounds survey in sec. 32.</p> <p>From this point, cor. No. 4, Santa Lucia lode, identical with cor. No. 1, Santa Isabella lode, M.S. No. 3293, identical with AP 5 of a metes-and-bounds survey in sec. 32, bears N. 21°38' E., 13.31 chs. dist., hereinafter described.</p> <p>From this same point, cor. No. 1, Santa Lucia lode, M.S. No. 3293, identical with AP 6 of a metes-and-bounds survey in sec. 32, bears S. 21°38' W., 4.06 chs. dist., hereinafter described.</p>
25.58	<p>Intersect line 1-2, Santa Lucia lode, M.S. No. 3293, identical with line 6-7 of a metes-and-bounds survey in sec. 32.</p>

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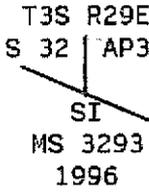
Subdivision of Section 32

T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this point, cor. No. 1, Santa Lucia lode, M.S. No. 3293, identical with AP 6 of a metes-and-bounds survey in sec. 32, bears S. 58°08' E., 7.17 chs. dist., hereinafter described.</p>
	<p>From this same point, cor. No. 2, Santa Lucia lode, M.S. No. 3293, identical with AP 7 and AP 17 of the metes-and-bounds surveys in sec. 32, bears N. 58°08' W., 1.92 chs. dist., hereinafter described.</p>
27.84	<p>Intersect line 7-8 of a metes-and-bounds survey in sec. 32.</p>
	<p>From this point, cor. No. 2, Santa Lucia lode, M.S. No. 3293, identical with AP 7 and AP 17 of the metes-and-bounds surveys in sec. 32, bears N. 31°48' E., 1.19 chs. dist., hereinafter described.</p>
	<p>From this same cor. point, AP 8 of a metes-and-bounds survey in sec. 32, bears S. 31°48' W., 16.57 chs. dist., hereinafter described.</p>
40.09	<p>The center 1/4 sec. cor. of sec. 32.</p>
80.05	<p>The 1/4 sec. cor. of secs. 31 and 32, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. 1/4 S31 S32 1921.</p>
	<p>from which</p> <p style="padding-left: 40px;">A juniper, 14 ins. diam., bears S. 46 1/4° E., 45 1/2 lks. dist., with healed over blaze. (Record: S. 47° E., 48 lks.)</p> <p style="padding-left: 40px;">A pine stump, 8 ins. diam., bears S. 1 3/4° E., 23 lks. dist., with no marks visible. (Record S. 8° W., 25 lks. dist.)</p>
	<p>Add the marks T3S R29E 1995 to the brass cap.</p>
	<p>Cor. is located on a steep east facing slope.</p>
	<hr/> <p>Metes-and-Bounds Surveys in Section 32 T. 3 S., R. 29 E., Gila and Salt River Mer., Arizona</p> <hr/>
	<p>From AP 1, on the line bet. secs. 29 and 32, hereinbefore described.</p>
	<p>N. 89°59' W., on line 1-2, identical with a portion of the line bet. secs. 29 and 32.</p>

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
6.52	AP 2, hereinbefore described.
	<hr/> <p>S. 3°58' W., on line 2-3, identical with a portion of line 4-3, Southern Belle lode, M.S. No. 3098 (canceled).</p>
8.50	Point for AP 3, at intersection with line 3-4, Santa Isabella lode, M.S. No. 3293.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 21 ins. in the ground, in a mound of stone, 2 ft. base, 1/2 ft. high, with brass cap mkd.</p>
	<div style="text-align: center;">  <p>T3S R29E S 32   AP3 SI MS 3293 1996</p> </div>
	from which
	<p>A granite outcropping, 8 x 3 x 3 ft. high, bears S. 61°34' E., 4.3 ft. dist., mkd. X BO on the W. face, located at the southerly base of a major granitic ridge, bears N. and S.</p>
	Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.
	Cor. is located on the side of a steep S. slope.
	<p>From this cor. point, cor. No. 3, Southern Belle lode, M.S. No. 3098 (canceled), bears S. 3°58' W., 10.79 chs. dist., monumented with a scattered mound of stone, 3 ft. base, 1/2 ft. high, with a pine post, 6 x 4 ins. sq., 42 ins. long, lying loose nearby, mkd. SB3 on a face, from which the original bearing object:</p>
	<p>A granite outcropping, 8 x 4 x 1 1/2 ft. high, bears S. 9°17' W., 15.7 ft. dist., mkd. BR X 3098 on the E. face.</p>
	<p>From this same cor. point, cor. No. 3, Santa Isabella lode, M.S. No. 3293, bears N. 57°58' W., 3.42 chs. dist., monumented with a pine post, 4 ins. sq., firmly set, projecting 24 ins. above ground, in a mound of stone, 3 1/2 ft. base, 3 ft. high, mkd. NW CORNER SANTA I on the NE face, no other markings visible.</p> <hr/>

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
5.67	<p>S. 57°58' E., on line 3-4, identical with a portion of line 3-4, Santa Isabella lode, M.S. No. 3293.</p> <p>Point for AP 4, identical with cor. No. 4, Santa Isabella lode, M.S. No. 3293 reestablished by the method of grant boundary adjustment; there is no remaining evidence of the original cor.</p> <p>Cor. position falls in highway fill area and is not remonumented.</p> <hr/> <p>S. 18°25' W., on line 4-5, identical with line 4-1, Santa Isabella lode, M.S. No. 3293.</p>
17.04	<p>AP 5, identical with cor. No. 1, Santa Isabella lode, and cor. No. 4, Santa Lucia lode, M.S. No. 3293. Monumented with a mound of stone, 3 ft. base, 1 ft. high, from which the original bearing object:</p> <p style="padding-left: 40px;">A granite outcropping, 3 1/2 x 2 x 4 ft. high, bears N. 24°30' E., 3.2 ft. dist., mkd. + BR 1-4-3293 on the E. face.</p> <p>Cor. not remonumented.</p> <p>From this cor. point, cor. No. 2, Santa Isabella lode, identical with cor. No. 3, Santa Lucia lode, M.S. No. 3293, bears N. 57°59' W., 9.12 chs. dist., monumented with a pine post, 6 x 4 ins. sq., firmly set, projecting 36 ins. above ground, in a mound of stone, 4 ft. base, 1 1/2 ft. high, mkd. SI2 on the N. face, SW COR SANTA ISABELLA on the E. face, SL3-3293 on the S. face, and NW COR SANTA LUCIA on the W. face, from which the original bearing object:</p> <p style="padding-left: 40px;">A shear granite cliff, approximately 10 x 30 ft. high, bears N. 61° W., 7.1 ft. dist., mkd. BR 2-3-3293 + on the E. face. (Record N. 58° W., 7.5 ft. dist.)</p> <hr/> <p>S. 21°38' W., on line 5-6, identical with line 4-1, Santa Lucia lode, M.S. No. 3293.</p>
13.31	<p>Intersect the E. and W. center line of sec. 32.</p> <p>From this point, the 1/4 sec. cor. of secs. 32 and 33 bears S. 89°55' E., 17.99 chs. dist.</p>

## BOOK 5462

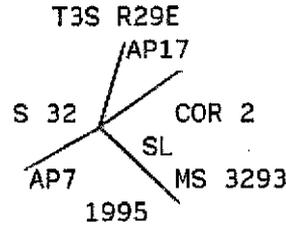
Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
17.37	<p>AP 6, identical with cor. No. 1, Santa Lucia lode, M.S. 3293, monumented with a pine post, 4 ins. sq., firmly set, projecting 48 ins. above ground, in a mound of stone, 4 ft. base, 1 ft. high, mkd. SE COR SANTA LUCIA on the NE face, with another pine post, 6 x 4 ins. sq., 54 ins. long, with illegible scribe marks, lying loose nearby, from which the bearing object established in M.S. No. 3098:</p> <p style="padding-left: 40px;">A granite outcropping, 7 x 4 x 3 ft. high, bears S. 46°39' W., 10.1 ft. dist., mkd. + BR 4-3098 on the E. face. (Record S. 47°15' W., 9.7 ft. dist.)</p> <p>and bearing object established in M.S. No. 3293</p> <p style="padding-left: 40px;">Same granite outcropping, bears S. 45°35' W., 10.3 ft. dist., mkd + 3293 on the E. face. (Record S. 47° W., 9.7 ft. dist.)</p> <p>Cor. not remonumented.</p>
	<p style="padding-left: 40px;">N. 58°08' W., on line 6-7, identical with line 1-2, Santa Lucia lode, M.S. No. 3293.</p>
7.17	<p>Intersect the E. and W. center line of sec. 32.</p> <p>From this point, the 1/4 sec. cor. of secs. 32 and 33 bears S. 89°55' E., 25.58 chs. dist.</p>
9.09	<p>AP 7, identical with AP 17, identical with cor. No. 2, Santa Lucia lode M.S. No. 3293, monumented with a pine post, 4 ins. sq., firmly set, projecting 36 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, mkd. SL 2-3293 on the S. face, with another pine post, 6 x 4 ins. sq., 52 ins. long, mkd. I 3-3098 on a face, lying loose nearby, from which the bearing object established in M.S. No. 3098 and 3293:</p> <p style="padding-left: 40px;">A granite outcropping, 6 x 4 x 3 ft. high, bears N. 53°35' E., 7.3 ft. dist., mkd. + BR 3-3098 2-3293 on the SW face, (Record N. 63° E., 6.3 ft. dist.)</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 13 ins. in the ground, in a mound of stone, 6 ft. base, to top, with brass cap mkd.</p>

## BOOK 54 62

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS



Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Bury the pine post, 6 x 4 x 56 ins. long, and the pine post, 4 x 4 x 48 ins. long, alongside the stainless steel post.

The cor. is located on the side of a moderate SSW slope.

S. 31°48' W., on line 7-8, identical with line 3-2 Imperial lode, M.S. No. 3098 (canceled).

1.19 Intersect the E. and W. center line of sec. 32.

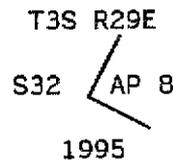
From this point, the 1/4 sec. cor. of secs. 32 and 33 bears S. 89°55' E., 27.84 chs. dist.

17.76 AP 8, identical with cor. No. 2, Imperial lode, M.S. No. 3098 (canceled), monumented with a pine post, 5 x 3 ins. sq., 52 ins. long, firmly set, projecting 40 ins. above ground, in the remains of a mound of stone, 5 ft. base, 2 ft. high, mkd. I 2 3098 on the SE face, from which the original bearing object:

A granite outcropping, 5 x 2 x 2 1/2 ft. high, bears N. 22°40' E., 13.2 ft. dist., mkd. BRX 2-3098 on the top.

At the cor. point

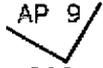
Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 12 ins. in the ground, in a mound of stone, 4 1/2 ft. base, 1 1/2 ft. high, to top, with brass cap mkd.



Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Bury the pine post alongside the stainless steel post.</p> <p>Cor. located on the E. face of a moderately steep rocky slope.</p> <hr/> <p>S. 57°59' E., on line 8-9, identical with line 2-1 Imperial lode, M.S. No. 3098 (canceled).</p> <p>9.09 AP 9, identical with cor. No. 1, Imperial lode, M.S. No. 3098 (canceled), monumented with a granite stone, 33 x 11 x 8 ins. loosely set, projecting 29 ins. above ground, mkd. I-1 3098 on a face, with a mound of stone, 3 ft. base, 2 ft. high, NNE of the cor, from which the original bearing object:</p> <p style="padding-left: 40px;">A granite outcropping, 7 x 5 x 6 ft. high, bears N. 13°50' E., 8.7 ft. dist., mkd. BR X 3098 on top of the S. side of the outcropping.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, in a mound of stone, 3 ft. base, 1 1/2 ft. high, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T3S R29E</p> <p>AP 9</p>  <p>S32</p> <p>1995</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>The cor. is located on the E. face of a moderately steep rocky slope with dense manzanita.</p> <hr/> <p>N. 31°49' E., on line 9-10, identical with a portion of line 4-1 Imperial lode, canceled M.S. No. 3098.</p>
11.03	<p>Point for AP 10, at intersection with line 1-2 Monte Christo No. 2 lode, M.S. No. 3098 (canceled).</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

T3S R29E

AP10



1996

from which

A portion of a significant granite wall, 17 x 5 x 6 ft. high, bears N. 65°26' E., 12.2 ft. dist., mkd. X B0 on the W. face.

Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Cor. is located in a rocky cleft, drains S.

From this cor. point, AP 6 identical with cor. No. 1, Santa Lucia lode, M.S. No. 3293, bears N. 31°49' E., 6.75 chs. dist., hereinbefore described.

From this same cor. point, cor. No. 2, Monte Christo No. 2 lode, M.S. No. 3098 (canceled), bears N. 61°29' W., 7.09 chs. dist., monumented with a pine post, 6 x 4 ins. sq., firmly set, projecting 48 ins. above ground in a mound of stone, 3 ft. base, 1 ft. high, with no marks visible, from which the original bearing object:

A granite outcropping, 3 x 2 x 1 ft. high, bears N. 16°31' E., 6.2 ft. dist., mkd. X BR 2-3098 on the S. face. (Record N. 18° 44' E., 6.0 ft.)

S. 61°29' E., on line 10-11, identical with a portion of line 2-1 Monte Christo No. 2 lode, M.S. No. 3098 (canceled).

13.89

AP 11, identical with cor. No. 1, Monte Christo No. 2 lode, canceled M.S. No. 3098, monumented with a pine post, 6 x 4 ins. sq., 38 ins. long, firmly set, projecting 12 ins. above ground, in a mound of stone, 4 ft. base, 3 ft. high, with illegible marks on the W. face, from which the original bearing object:

A granite outcropping, 4 x 3 x 4 ft. high, bears N. 71°57' E., 7.4 ft. dist., mkd. X BR 1-3098 on the SW face. (Record N. 75°10' E.)

At the cor. point

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Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

## CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 15 ins. in the ground, in a mound of stone, 3 1/2 ft. base, 1 ft. high, to top, with brass cap mkd.

T3S R29E  
AP11  
S 32  
1995

Deposit a magnet in a 1 x 1 x 2 5/8 in. white colored plastic case beneath the stainless steel post.

Bury the pine post alongside the stainless steel post.

The cor. is located on the S. face of a steep rocky slope.

N. 16°11' E., on line 11-12, identical with a portion of line 1-4 Monte Christo No. 2 lode, canceled M.S. No. 3098.

5.37

AP 12, identical with cor. No. 2, Johanner No. 2 lode, M.S. No. 3101, monumented with an iron post, 2 1/2 ins. diam., 54 ins. long, firmly set, projecting 36 ins. above ground, in a mound of stone, 4 ft. base, 2 ft. high, with an iron tag welded to it's side stamped JOHANNER # SE COR NO 1 SUR NO 3101, from which the original bearing object:

A granite outcropping, 6 x 2 x 4 ft. high, bears  
N. 84°48' W., 7.0 ft. dist., mkd. BR 3101 on the E. face.  
(Record N. 79°53' W., 6.6 ft. dist.)

At the cor. point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 17 ins. in the ground, in a mound of stone, 3 1/2 ft. base, 1 1/2 ft. high, to top, with brass cap mkd.

T3S R29E  
J NO 2  
MS 3101  
COR 2  
AP 12  
S 32  
1995

Deposit a magnet in a 1 x 1 x 2 5/8 in. blue colored plastic case beneath the stainless steel post.

Bury the iron post alongside the stainless steel post.

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>The cor. is located 50 lks. N. of the top of a ridge, bears ENE and WSW, on a NNE facing, moderately steep rocky slope with dense manzanita.</p>
	<p>From this cor. point, cor. No. 1, Johanner No. 2 lode, M.S. No. 3101, bears S. 79°51' E., 7.94 chs. dist., monumented with a mound of stone, 4 ft. base, 2 ft. high.</p>
	<p>N. 16°11' E., on line 12-13, identical with line 2-3, Johanner No. 2 lode, M.S. No. 3101.</p>
3.94	<p>Cor. No. 4, Monte Christo No. 2 lode, identical with cor. No. 1, Monte Christo lode, M.S. No. 3098 (canceled), monumented with a pine post, 6 x 4 ins. sq., firmly set, projecting 36 ins. above ground, in a mound of stone, 6 ft. base, 4 ft. high, mkd. with illegible scribe marks on the S. face, from which the original bearing object:</p> <p style="padding-left: 40px;">A granite outcropping, 3 x 2 x 2 ft. high, bears S. 34°02' W., 11.0 ft. dist., mkd. X BR 4 3098 on the NE face. (Record S. 31°36' W., 10.8 ft. dist.)</p>
22.85	<p>Point for AP 13, identical with cor. No. 3, Johanner No. 2 lode, M.S. No. 3101, reestablished at the intersection of the projection of line 1-4, Monte Christo No. 2 lode, M.S. No. 3098 (canceled), with the projection of the line from cor. No. 3 Globe lode, M.S. No. 3101, parallel with the south end line of Johanner No. 2 lode, M.S. No. 3101; there is no remaining evidence of the original cor.</p> <p>Cor. position falls in highway fill area and is not remonumented.</p>
	<p>N. 79°51' W., on line 13-14, identical with a portion of line 2-3 Globe lode, M.S. No. 3101.</p>
4.18	<p>AP 14, identical with cor. No. 3 Globe lode, M.S. No. 3101, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 52 ins. above ground, in a mound of stone, 3 ft. base, 2 ft. high, with an iron tag welded to it's side, stamped GLOBE SW COR No 3 SUR NO 3101, with the weathered remains of a pine post, 5 x 3 ins. sq., 41 ins. long, mkd. JOHANNER and other illegible markings, laying loose nearby.</p> <p>Not remonumented.</p>
	<p>N. 9°34' W., on line 14-15, identical with a portion of line 3-4 Globe lode, M.S. No. 3101.</p>

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
5.35	<p>Intersect line 2-3 Southern Belle lode, M.S. No. 3098 (canceled).</p> <p>From this cor point, cor. No. 3, Southern Belle lode, M.S. No. 3098 (canceled), bears N. 61°32' W., 8.01 chs. dist., hereinbefore described.</p> <p>From this same cor. point, the point for cor. No. 2, Southern Belle lode, M.S. No. 3098 (canceled), bears S. 61°32' E., 1.91 chs. dist., reestablished by the method of grant boundary adjustment; there is no remaining evidence of the original cor.</p> <p>Cor. position falls in highway fill area and is not remonumented.</p>
22.72	<p>Point for AP 15, identical with cor. No. 4, Globe lode, and cor. No. 3, Stonewall Jackson lode, M.S. No. 3101, reestablished at proportionate dist. on line 1-2 Southern Belle, M.S. No. 3098 (canceled); there is no remaining evidence of the original cor.</p> <p>Set a railroad spike, 6 1/2 ins. long 1 1/4 ins. wide, flush with pavement of U.S. Highway 191.</p> <p>from which</p> <p style="padding-left: 40px;">A granite face, 5 x 6 ft. high, bears S. 81°32' W., 83.2 ft. dist., mkd. X BO on the E. face, located on the E. face of the westerly road cut.</p> <p style="padding-left: 40px;">A granite outcropping, 3 x 4 ft. high, bears N. 45°56' W., 1.10 chs. dist., mkd. X BO on the SE face, located on the E. face of the westerly road cut.</p> <p>Cor. is located 13 1/2 lks. W. of the E. edge of U. S. Highway 191, 53 lks. wide, bears NNE and SW.</p> <p>From this cor. point, cor. No. 2, Southern Belle lode, M.S. No. 3098 (cancelled), bears S. 3°50' W., 18.08 chs. dist., hereinbefore described.</p>
4.64	<p style="text-align: center;">_____</p> <p>N. 3°50' E., on line 15-16, identical with a portion of line 2-1 Southern Belle lode, M.S. No. 3098 (cancelled).</p> <p>Point for AP 16, identical with cor. No. 1, Southern Belle lode, M.S. No. 3098 (canceled), reestablished by the method of grant boundary adjustment; there is no remaining evidence of the original cor. Cor. position falls on steep E. face of a road cut, where it is impracticable to establish a permanent monument.</p> <p>From this point, the point selected for a witness cor., bears S. 89°52' E., 1.36 chs. dist.</p>

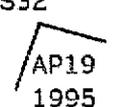
## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
2.71	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WC T3S R29E</p> <p style="text-align: center;">← AP16 S 32</p> <p style="text-align: center;">1996</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>Cor. located 49 lks. E. of the E. edge of U.S. Highway 191, 53 lks. wide, bears N. and S.</p> <hr/> <p>N. 61°32' W., on line 16-1, identical with a portion of line 1-4, Southern Belle lode, M.S. No. 3098 (cancelled).</p> <p>AP 1, and point of beginning.</p> <hr/> <p>From AP 17, identical with AP 7, identical with cor. No. 2, Santa Lucia M.S. No. 3293, hereinbefore described.</p> <p>N. 21°33' E., on line 17-18, identical with a portion of line 2-3 Santa Lucia lode, M.S. No. 3293.</p>
1.825	<p>Point for AP 18, at intersection with line 3-4, Monte Christo No. 2 lode, M.S. No. 3098 (canceled).</p>
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T3S R29E S 32 AP18 S.L. M.S. 3293 1995</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>The cor. is located on the S. face of moderately steep rocky slope.</p>

## BOOK 5462

Metes-and-Bounds Surveys in Section 32  
T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>From this cor. point, cor. No. 3, Santa Lucia lode, identical with cor. No. 2, Santa Isabella lode, M.S. No. 3293, bears N. 21°33' E., 15.575 chs. dist., hereinbefore described.</p> <p>From this same cor. point, cor. No. 4, Monte Christo No. 2 lode, identical with cor. No. 1, Monte Christo lode, M.S. No. 3098 (canceled), bears S. 61°31' E., 20.805 chs. dist., hereinbefore described.</p>
0.175	<p>N. 61°31' W., on line 18-19, identical with a portion of line 4-3, Monte Christo No. 2 lode, M.S. No. 3098 (cancelled).</p> <p>AP 19, identical with cor. No. 3, Monte Christo No. 2 lode, M.S. No. 3098 (canceled), monumented with the scattered remains of a mound of stone, 4 x 2 ft. base, 1/2 ft. high, with the weathered fragments of a pine post, 5 x 3 ins. sq., 42 ins. long, laying loose nearby, mkd. O and other illegible scribe marks, from which the original bearing object:</p> <p style="padding-left: 40px;">A granite outcropping, 6 x 4 x 1 ft. high, bears S. 60°30' W., 29.0 ft. dist., mkd. 3-3098 + BR on the ESE face.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 14 ins. in the ground, in a mound of stone, 3 1/2 ft. base, 1 ft. high, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T3S R29E S32</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 fragmented remains of the pine post alongside the stainless steel post.</p>
1.855	<p>S. 16°09' W., on line 19-17, identical with a portion of line 3-2, Monte Christo No. 2 lode, M.S. No. 3098 (canceled).</p> <p>AP 17, identical with AP 7, and point of beginning.</p>

## BOOK 5462

T. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona

CHAINS

## GENERAL DESCRIPTION

The area surveyed is located approximately 3 miles NNW of Morenci Arizona. Parts of the Phelps Dodge Corporations, Morenci Mining Operation lie to the E. and S. of the surveyed area.

The terrain consists of steep, rocky, mountainous land, with dense stands of manzanita and oak with scattered juniper and pinyon. Santa Rosa Gulch crosses the west half of sec. 32, its course being SSW. The average elevation is 6200 ft. above sea level.

Access is by way of U.S. highway 191.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Robert J. Lyle	Surveying Technician
Mark R. Searles	Surveying Technician

## CERTIFICATE OF SURVEY

I, Gordon R. Babel, Cadastral Surveyor, HEREBY CERTIFY upon honor that, in pursuance of Special Instructions bearing date of the 2nd day of October, 1995, I have dependently resurveyed a portions of the south boundary and a portion of the subdivisional lines, subdivided section 32 and executed metes-and-bounds surveys in section 32, Township 3 South, Range 29 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.

MAY 17, 1996

(Date)

Gordon R. Babel

(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 south boundary, a portion of the subdivisional lines and the subdivision of section 32, and the metes-and-bounds surveys in section 32, Township 3 South, Range 29 East, Gila and Salt River Meridian, Arizona, executed by Gordon R. Babel, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

MAY 22 1996

(Date)

Sammy A. Tuttle

(Acting 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. 3 S., R. 29 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.~~

~~(Date)~~

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