

ORIGINAL

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

FIELD NOTES
OF THE DEPENDENT RESURVEY OF
PORTIONS OF THE
SUBDIVISIONAL LINES
AND MINERAL SURVEY NUMBERS 264, 951 AND 4128,
IN SECTIONS 21 AND 22
AND THE
REMONUMENTATION OF CERTAIN CORNERS
TOWNSHIP 22 SOUTH, RANGE 10 EAST,
OF THE GILA AND SALT RIVER MERIDIAN,
IN THE STATE OF ARIZONA.

EXECUTED BY

Craig S. Dukart, Cadastral Surveyor

Under Special Instructions dated March 19, 2012, approved March 19, 2012, which provided for the surveys included under Group No. 1104, and assignment instructions dated March 19, 2012.

Survey commenced March 22, 2012

Survey completed May 11, 2012

INDEX DIAGRAM

TOWNSHIP 22 SOUTH RANGE 10 EAST
GILA AND SALT RIVER MERIDIAN, ARIZONA

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Dependent Resurvey of Mineral Survey
Numbers 264, 951 and 4128 Pages 7-20

T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of portions of the subdivisional lines and mineral survey numbers 264, 951 and 4128, in sections 21 and 22, and the remonumentation of certain corners, Township 22 South, Range 10 East, Gila and Salt River Meridian, Arizona.

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

The subdivision lines, T. 22 S., R. 10 E., Gila and Salt River Meridian, were surveyed by George J. Roskruge, U.S. Deputy Surveyor, in 1887.

U.S. Mineral Survey No. 264, Lot No. 40, was surveyed by J.H. Sturz, U.S. Deputy Surveyor, in 1881.

U.S. Mineral Survey No. 951, Lot No. 48, was surveyed by Lorenzo D. Chillson, U.S. Deputy Mineral Surveyor, in 1891.

U.S. Mineral Survey No. 4128, was surveyed by W.H. Leffingwell, U.S. Mineral Surveyor, in 1930.

Remonumented Cadastral Survey Corners, T. 22 S., R. 10 E., Gila and Salt River Meridian, were remonumented by Lester S. Mann, Office Cadastral Engineer, in 1960.

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 March 19, 2012, for Group Number 1104, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic, fast static, and static global positioning system observations using Trimble Navigation 5700, 5800 and R8 model receivers.

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

The "standard monument" referred to in these notes is a stainless steel post, 28 ins. long, 2 1/2 ins. diam., with a brass cap. Unless otherwise indicated, a magnet in a white plastic case is deposited at the base of the stainless steel post.

T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

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) AI3680 COT1 TUCSON CORS ARP, DL7716 PO14 SAHUARITA_AZ2007 CORS ARP and DM7127 AZAM SOPORI ELEM SCH CORS ARP. The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of sections 14, 15, 22 and 23 is as follows:

Latitude: 31°30'23.96" N. Longitude: 111°18'01.80" W.

The NAD 83 (CORS96) (EPOCH: 2002), geographic position of the corner of sections 20, 21, 28 and 29 is as follows:

Latitude: 31°29'30.10" N. Longitude: 111°20'00.55" W.

The mean magnetic declination is 10 1/4° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona**

Restoring the survey executed by
George J. Roskruge, in 1887

Beginning at the 1/4 sec. cor. of secs. 22 and 23, monumented with a rock outcrop, 6 x 11 ft., 3 ft. high, mkd. 1/4 on the W. face, 1 1/2 ft. above the ground., with a backwards, closed 4, with a mound of stone, 2 ft. base, 1 ft. high, SE of cor., from which

A four pronged forked oak, 18 ins. diam. trunk, 8 in. diam. branch, bears S. 20° E., 35 lks. dist., with a healed blaze. Not verified as the orig. bearing tree. (Record: S. 12° E., 44 lks.)

The orig. rock outcrop is too fractured to set a brass tablet. Mark the true point with a small chiseled dimple, from which

A brass tablet, in a drill hole in a rock outcrop, 3 x 6 ft., 1 ft. high, for a reference monument, bears S. 78°59' W., 17.2 ft. dist. with brass cap mkd. RM T22S R10E 17.2 FT TO 1/4 COR. S22 2012 and an arrow pointing to the cor.

Set an alum. sign post, with Forest Service sign 54-9, "Land Survey Monument", nearby in a mound of stone.

N. 0°15' E., bet. secs. 22 and 23.

Over rolling terrain.

Dependent Resurvey of portions of the Subdivisional Lines
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
41.95	<p>The cor. of secs. 14, 15, 22 and 23, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above the ground, in a rock collar, with brass cap mkd. T22S R10E S15 S14 S22 S23 1960, from which an orig. bearing tree</p> <p>A partly dead oak, 12 ins. diam., bears N. 12° E., 87 lks. dist., with no blaze visible on a dead and weathered trunk.</p> <p>and from which the 1960 bearing trees</p> <p>A mesquite, 6 ins. diam., bears N. 35° E., 1.11 chs. dist., with scribe marks BT visible on a partly healed blaze. (record, N. 37° E.)</p> <p>A mesquite, 9 ins. diam., bears S. 89 1/4° W., 2.42 chs. dist., with scribe marks BT visible on a partly healed blaze. (record, S. 89 3/4° W., 2.44 chs.)</p> <p>Add the marks 2012 to the brass cap.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 21 and 28, monumented with a stone, 5 x 11 ins., firmly set, projecting 11 ins. above the ground, mkd. 1/4 on the SE face, with a backwards, closed 4, with a mound of stone, 3 ft. base, 3 ft. high, SE of cor.</p> <p>At the cor. point</p> <p>Set a standard monument, 21 ins. in the ground, mkd.</p> <p style="text-align: center;">T 22 S R 10 E S 21 1/4 ——— S 28</p> <p style="text-align: center;">2012</p> <p>Bury the orig. stone cor. 5 x 11 ins., 18 ins. long, alongside the stainless steel post.</p> <p>Set an alum. sign post, with Forest Service sign 54-9, "Land Survey Monument", nearby.</p> <p>N. 89°41' W., bet. secs. 21 and 28.</p> <p>Over rolling terrain.</p>
40.82	<p>The cor. of secs. 20, 21, 28 and 29, monumented with stone, 4 x 8 ins., 19 ins. long, laying loose on a mound of stone, mkd. with 2 grooves on a 4 in. side and 4 grooves on a 8 in. side, with no evidence of the orig. bearing trees.</p>

Dependent Resurvey of portions of the Subdivisional Lines
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

At the cor. point

Set a standard monument, 22 ins. in the ground, with a rock collar, mkd.

T 22 S	R 10 E
S 20	S 21
S 29	S 28

2012

Bury the orig. stone cor. 4 x 8 ins., 19 ins. long, alongside the stainless steel post.

Set an alum. sign post, with Forest Service sign 54-9, "Land Survey Monument", nearby.

N. 1°52' E., bet. sec. 20 and 21.

Over rolling terrain.

40.41

The 1/4 sec. cor. of secs. 20 and 21, monumented with a stone, 12 x 18 ins., firmly set, projecting 12 ins. above the ground, mkd. 1/4 on the W face, with a backwards, closed 4, with a mound of stone, 3 1/2 ft. base, 2 ft. high, W of cor.

At the cor. point

Set a standard monument, 22 ins. in the ground, with a rock collar, mkd.

T 22 S	R 10 E
1/4	
S 20	S 21

2012

Rebuild the accessory mound of stone, with the orig. stone monument, 12 x 18 ins., 24 ins. long, in the base, 4 ft. base, 3 ft. high, W of cor.

Set an alum. sign post, with Forest Service sign 54-9, "Land Survey Monument", nearby.

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Note: The following Dependent Resurvey of Mineral Surveys in sections 21 and 22 identify the Coronado National Forest boundary.

Restoring Mineral Survey No. 264
Yellow Jacket Lode
Executed by J.H. Sturz, in 1881

From the Initial Monument, Yellow Jacket lode, monumented with a mound of stone, 4 ft. base, 2 ft. high, supporting 2 PVC pipes, 1 3/4 ins. diam., 48 and 72 ins. long, from which a stump, with the broken off tree, 13 ins. diam., laying nearby, bears S. 78° E., 17.7 ft. dist., to the face, with a rotted/weathered blaze, agreeing with the record position of the orig. oak bearing tree.

At the cor. point

Set a standard monument, 20 ins. in the ground, to harder bedrock, in a mound of stone, 5 ft. base to cap, mkd.

T 22 S R 10 E
MS264
Y.J.
IM
S22
2012

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

From this cor., U.S. Mineral Monument No. 4, on a conspicuous hill, bears S. 59°30' E., 31.87 chs. (2,103.3 ft.) dist., monumented with a rebar, 1/2 in. diam., in the center of a mound of stone, 7 ft. base, 2 ft. high. (Record: S. 59°15' E., 2,109.4 ft.)

From this same cor., the 1/4 sec. cor. of secs. 21 and 28, bears S. 60°02' W., 55.715 chs. dist., hereinbefore described.

From this same cor., the 1/4 sec. cor. of secs. 27 and 28, bears S. 6°26' W., 69.65 chs. dist., monumented with a stone, 12 x 23 ins., 17 ins. high, laying loose, mkd. 1/4 on the W face, with a backwards, closed 4, with a mound of stone, 2 ft. base, 1 ft. high, W of cor.

At the 1/4 sec. cor. of secs. 27 and 28 point

Set a standard monument, 26 ins. in the ground, with a rock collar, mkd.

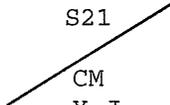
Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 22 S R 10 E 1/4 S 28 S 27</p> <p style="text-align: center;">2012</p> <p>Rebuild the accessory mound of stone, with the orig. stone monument, 12 x 23 ins., 17 ins. long, in the base, 3 1/2 ft. base, 3 ft. high, W of cor.</p> <p>Set an alum. sign post, with Forest Service sign 54-9, "Land Survey Monument", nearby.</p> <p>S. 53°10' W., on a portion of the SE end line of the Yellow Jacket lode.</p> <p>Over rolling terrain.</p> <p>4.64 Point for the SE cor., Yellow Jacket lode, determined by rotated bearing-bearing intersection. There is no remaining evidence of the orig. monument.</p> <p>At the cor. point</p> <p>Set a standard monument, 16 ins. in the ground, to harder bedrock, in a mound of stone, 4 ft. base to cap, mkd.</p>
	<p style="text-align: center;">T 22 S R 10 E MS264 Y.J. SE S22</p> <p style="text-align: center;">2012</p> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <p>From this point, a point established by persons unknown, bears N. 77°17' E., 18 1/2 lks. dist., monumented with a rebar, 1/2 in. diam., firmly set, projecting 8 ins. above the ground, in a mound of stone, 3 ft. base, 2 ft. high, with 2 PVC pipe, 1 3/4 ins. diam., 48 ins. and 72 ins. long, laying nearby.</p> <p>From this same point, a point established by persons unknown, bears S. 51°20' E., 1.35 chs. dist., monumented with a mound of stone, 5 ft. base, 3 ft. high, supporting a white PVC pipe, 1 3/4 ins. diam., projecting 30 ins. above the mound of stone.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 50°20' W., on the SW sideline of the Yellow Jacket lode.</p> <p>Over rolling terrain.</p>

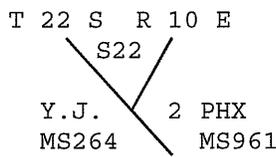
Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
20.50	Forest Service road 4147, dirt, 12 ft. wide, bears N. 55° E. and S. 55° W..
21.36	<p>The SW cor., Yellow Jacket lode, monumented with a mound of stone, 3 ft. base, 2 ft. high, supporting a wood post, 4 x 4 ins., projecting 31 ins. above the mound of stone, with a metal tag mkd. EMPIRE No.3 NW COR on the northeasterly side and a metal tag mkd. BLUE WATER SE COR on the northwesterly side, from which the scattered remnants of a mound of stone, bears N. 27°42' W., 94 ft. dist., agreeing with the record position of the old SW corner. There is no remaining evidence of the orig. bearing trees.</p> <p>At the cor. point</p> <p>Set a standard monument, 21 ins. in the ground, with a rock collar, mkd.</p> <div data-bbox="771 846 1015 1056" style="text-align: center;"> <p>T 22 S R 10 E</p> </div> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 36°53' E., on a portion of the NW end line of the Yellow Jacket lode.</p> <p>Over rolling terrain.</p>
4.30	Wash, 12 ft. wide, drains S. 50° E.
4.52	<p>The Western Center Monument, Yellow Jacket lode, monumented with a mound of stone, 3 ft. base, 1 1/2 ft. high, on the NW side of a rock outcrop on the northeasterly bank of wash. This position is harmoniously related to existing orig. cors. and is accepted as the best available evidence of the orig. corner position. There was no remaining evidence of the orig. bearing trees.</p> <p>At the cor. point</p> <p>Set a standard monument, 10 ins. in the ground, to bedrock, in a mound of stone, 5 ft. base to cap, mkd.</p>

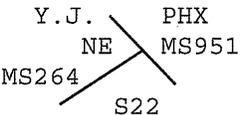
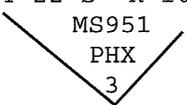
Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.50	<div style="text-align: center;"> <p>T 22 S R 10 E</p> <p>S21</p>  <p>CM</p> <p>Y.J.</p> <p>MS264</p> <p>2012</p> </div> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <p>From this point, a mound of stone, 3 1/2 ft. base, 2 1/2 ft. high, with 2 PVC pipe, 1 3/4 ins. diam., 48 ins. and 72 ins. long, laying nearby, with a plastic pill container attached to the 48 in. long pipe containing a Certification of Location: Lode Mining Claim for the YJEW-2 lode, bears S. 68° E., 9 lks. dist.</p> <hr/> <p>N. 36°34' E., on a portion of the NW end line of the Yellow Jacket lode.</p> <p>Over rolling terrain.</p> <p>The NW cor., Yellow Jacket lode, monumented with a mound of stone, 2 1/2 ft. base, 1 ft. high. This position is harmoniously related to existing orig. cors. and is accepted as the best available evidence of the orig. corner position.</p> <p>At the cor. point</p> <p>Set a standard monument, 22 ins. in the ground, with a rock collar, mkd.</p> <div style="text-align: center;"> <p>T 22 S R 10 E</p> <p>S21</p>  <p>NW</p> <p>Y.J.</p> <p>MS264</p> <p>2012</p> </div> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <hr/> <p>S. 50°20' E., on the NE sideline of the Yellow Jacket lode, identical in part with a portion of the SW sideline of Phoenix lode.</p> <p>Over rolling terrain.</p>

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
0.95	Dirt road, 10 ft. wide, bears S. 15° E. and N. 5° W.
5.65	Dirt road, 12 ft. wide, bears S. 70° E. and N. 70° W.
6.10	Forest Service road 4147, dirt, 12 ft. wide, bears S. 70° E. and N. 85° W.
11.04	<p>P.M. No. 2, Phoenix lode, monumented with a mound of stone, 2 1/2 ft. base, 1 ft. high. This position is harmoniously related to existing orig. cors. and is accepted as the best available evidence of the orig. corner position.</p> <p>At the cor. point</p> <p>Cement an alum. rod, 3/4 in. diam., 16 ins. long, 6 ins. in a drill hole, 7 ins. deep, in bedrock, in a mound of stone, 3 ft. base to top, with an alum. cap, mkd.</p> <div style="text-align: center;">  </div> <p>2012</p>
	<p>Deposit a Deep 1 magnet, without a white plastic case, at the base of the alum. rod.</p> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p>
22.66	<p>The NE cor., Yellow Jacket lode, identical with an angle point of Phoenix lode, monumented with a mound of stone, 3 ft. base, 1 ft. high, on a rock outcrop, 3 x 6 ft., 1 1/2 ft. high, supporting 2 PVC pipes, 1 3/4 in. diam., 48 ins. and 72 ins. long. This position is harmoniously related to existing orig. cors. and is accepted as the best available evidence of the orig. corner position. There is no remaining evidence of the orig. bearing trees.</p> <p>At the cor. point</p> <p>Set a standard monument, 21 ins. in a crevice, with a rock collar, mkd.</p>

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p style="text-align: center;">T 22 S R 10 E</p> <p style="text-align: center;">  </p> <p style="text-align: center;">2012</p> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <hr/> <p>S. 36°33' W., on the SE end line of the Yellow Jacket lode.</p> <p>Over rolling terrain.</p> <p>4.49 The Initial Monument and point of beginning.</p> <hr/> <p style="text-align: center;">Restoring Mineral Survey No. 951 Phoenix Lode Executed by Lorenzo D. Chillson, in 1891</p> <hr/> <p>From the NE cor., Yellow Jacket lode, on the SW sideline of Phoenix lode, hereinbefore described.</p> <p>S. 50°45' E., on a portion of the SW sideline of Phoenix lode.</p> <p>Over rolling terrain.</p> <p>4.25 Forest Service road 4148, dirt, 10 ft. wide, bears S. 5° W. and N. 5° W.; continue across a wash, drains northerly, to ascend hill.</p> <p>10.76 P.M. No. 3, Phoenix lode, monumented with a mound of stone, 3 ft. base, 1 ft. high, on side of a porphyry rock outcrop, 4 x 9 ft., 2 ft. high, loosely supporting a pine post, 4 x 4 ins., 52 ins. long, with a metal tag mkd. PM#3.</p> <p>At the cor. point</p> <p>Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in a drill hole in solid rock, with top mkd.</p>
	<p style="text-align: center;">T 22 S R 10 E</p> <p style="text-align: center;">  </p> <p style="text-align: center;">S22 2012</p>

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Deposit a Deep 1 magnet, without a white plastic case, at the base of the brass stem.

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

From this point, U.S. Mineral Monument No. 4 bears S. 51°43' E., 20.95 chs. (1,382.6 ft.) dist., hereinbefore described (Record: S. 51°40' E., 1,421 ft.)

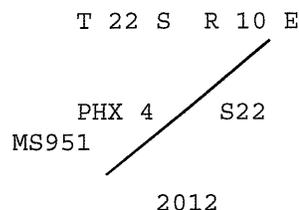
N. 20°41' E., on line 3-4, Phoenix lode.

Over rolling terrain.

4.52 P.M. No. 4, Phoenix lode, monumented with a mound of stone, 3 ft. base, 3 ft. high, with remnants of wood post, 4 x 4 ins., and a loose metal tag, mkd. PM#4, laying nearby.

At the cor. point

Set a standard monument, 22 ins. in the ground, with a rock collar, mkd.



Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

N. 18°58' E., on line 4-5, Phoenix lode.

Over rolling terrain.

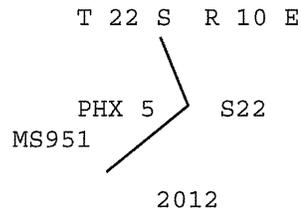
4.74 P.M. No. 5, Phoenix lode, monumented with wood post, 2 1/2 x 4 ins., 28 ins. long, mkd PM on the NW face and NO5 on the SW face, with a metal tag mkd. PM#5 nailed to the top, loosely set in a mound of stone, 3 ft. base, 1 1/2 ft. high, with a mound of stone, 3 1/2 ft. base, 2 ft. high abutting on the SE and a large porphyry dyke bears N. 40° W., 10 ft. dist., agreeing with the record position of an orig. porphyry dyke, and with no remaining evidence of the orig. bearing trees.

At the cor. point

Set a standard monument, 23 ins. in the ground, with a rock collar, mkd.

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS



Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

From this point, a wood post, 3 x 3 ins., projecting 30 ins. out of a crack in a rock outcrop, with a metal tag mkd. ALMA 3 LM., bears S. 53°45' E., 22 lks. dist. There were two more wood posts; each 3 x 3 ins., projecting 30 ins., with metal tags mkd. ALMA 3 W and ALMA 1 5, wedged in the same rock crack.

From this same point, a rebar, 1/2 in. diam., projecting 10 ins. above the ground, bears S. 84°25' W., 47 lks. dist.

N. 50°20' W., on 5-6, Phoenix lode.

Over rolling terrain.

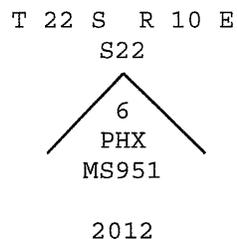
14.50 Yellow Jacket Creek, 6 ft. wide, drains N. 5° E.

15.20 Forest Service road 4147, dirt, 12 ft. wide, bears N. and S. 10° W.

22.44 Point for P.M. No. 6, Phoenix lode, determined at intersection holding the bearing of the NE sideline parallel to the Yellow Jacket lode sidelines, and extending the end line from P.M. No. 2, Phoenix lode, hereinbefore described, through P.M. No. 1, Phoenix lode, hereinafter described. There is no remaining evidence of the orig. monument.

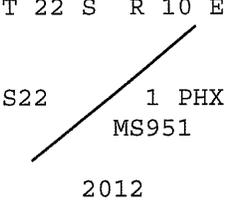
At the cor. point

Set a standard monument, 24 ins. in the ground, mkd.



Raise a mound of stone, 3 ft. base, 3 ft. high, N-NE of cor.

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <p>From this point, a mound of stone, 2 ft. base, 1 ft. high, supporting 2 PVC pipe, 1 3/4 in. diam., 48 and 72 ins. long, bears S. 21°06' W., 45 1/2 lks. dist.</p> <hr/> <p>S. 19°39' W., on line 6-1, Phoenix lode.</p> <p>Over rolling terrain.</p>
4.68	<p>P.M. No. 1, Phoenix lode, monumented with a collapsed mound of stone, 3 ft. base, 1 ft. high. This position is harmoniously related to existing orig. cors. and is accepted as the best available evidence of the orig. corner position.</p> <p>At the cor. point</p> <p>Set a standard monument, 21 ins. in the ground, in a mound of stone, 3 ft. base, to cap mkd.</p> <div style="text-align: center;"> <p>T 22 S R 10 E</p>  </div> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <p>From this point, the location monument of YJEW-1 claim, bears S. 22°54' W., 23 1/2 lks. dist., monumented with a mound of stone, 3 ft. base, 2 ft. high, supporting 2 PVC pipe, 48 and 84 ins. long, with a pill container attached to the 48 ins. long pipe. The pill container contained the claim notice for YJEW-1, indicating that the SE end line of YJEW-1 is identical with the NW end line of Phoenix lode, and that the claim boundaries are marked by 6 1 1/2 in. by 4 ft. or larger capped PVC monuments, one at each corners and one at the center of each end line.</p> <hr/> <p>S. 19°39' W., on line 1-2, Phoenix lode.</p>
2.72	<p>Forest Service road 4147, dirt, 12 ft. wide, bears S. 70° E. and N. 70° W.</p>
4.67	<p>P.M. No. 2, Phoenix lode, hereinbefore described.</p> <hr/>

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring Mineral Survey No. 4128
Emaline Lode
Executed by W.H. Leffingwell, in 1930

From Cor. No. 1, Emaline lode, monumented with a square hole, 4 x 4 ins., in concrete, 1 1/2 ft. diam., marking where the orig. wood post was set, with weathered and rotted redwood post, 4 x 4, 24 ins. long, laying nearby, with no visible marks. There is a rebar, 1/2 in. diam., cemented horizontally across the hole 6 ins. below the top of the concrete.

At the cor. point

Set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in the center of the square hole, with top mkd.

T 22 S R 10 E
S22



2012

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Raise a mound of stone, 3 ft. base, 2 ft. high, S of cor.

Lay orig. wood post on mound of stone.

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

Corner falls on easterly edge of a slight drainage, 4 ft. wide, drains S. 25° E.

From this point, the cor. of secs. 14, 15, 22 and 23, bears N. 68°28' E., 53.62 chs. (3,538.9 ft.) dist., hereinbefore described. (Record: N. 68°27'30" E., 3,538 ft.)

S. 58°55' W., on line 1-2, Emaline lode.

Over rolling terrain.

4.545

North end center, Emaline lode, monumented with a redwood post, 4 x 4 ins., firmly set in concrete, 2 ft. diam., projecting 22 ins. above the ground, with scribe marks EN faintly visible on southerly face, with a mound of stone, 3 ft. base, 2 ft. high to NW.

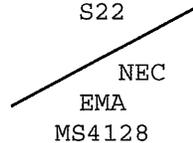
Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

At the cor. point

Remove the wood post and backfill the concrete hole with rock, then set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in the center of the square hole, with top mkd.

T 22 S R 10 E
S22



2012

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Lay orig. wood post on mound of stone.

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

S. 58°51' W., beginning new measurement.

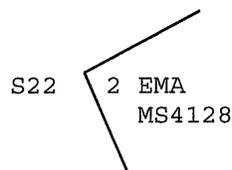
Over rolling terrain.

4.545 Cor. No. 2, Emaline lode, monumented with a redwood post, 4 x 4 ins., firmly set in concrete, 2 ft. diam., projecting 24 ins. above the ground, with scribe marks 4128 barely discernible on easterly face, with a mound of stone, 3 ft. base, 2 ft. high to NW.

At the cor. point

Remove the wood post and backfill the concrete hole with rock, then set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in the center of the square hole, with top mkd.

T 22 S R 10 E



2012

Deposit a magnet, in a white plastic case, at the base of the brass tablet.

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

Lay orig. wood post alongside corner.

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

From this point, P.M. No. 6, Phoenix lode, bears S. $48^{\circ}47'$ W., 16.195 chs. dist., hereinbefore described.

S. $31^{\circ}08'$ E., on line 2-3, Emaline lode.

Over mountainous terrain, to steep descent to Yellow Jacket creek.

10.60 Southerly edge of ravine of Yellow Jacket creek, bears N. 45° E. and S. 45° W.

10.70 Forest Service road 4147, dirt, 12 ft. wide, bears N. 45° E. and S. 45° W.; continue up steep ascent.

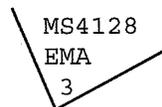
22.725 Cor. No. 3, Emaline lode, monumented with a redwood post, 4 x 4 ins., firmly set in concrete, 2 ft. diam., projecting 24 ins. above the ground, with scribe marks E3 4128 visible on northeasterly face, with a mound of stone, 3 ft. base, 2 1/2 ft. high to SW, and from which an orig. bearing tree

An oak, 15 ins. diam., bears N. 77° W., 25 lks. dist., with a healed blaze.

At the cor. point

Remove the wood post and backfill the concrete hole with rock, then set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in the center of the square hole, with top mkd.

T 22 S R 10 E



S22

2012

Deposit a magnet, without a white plastic case, at the base of the brass tablet.

Lay orig. wood post on mound of stone.

Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
4.54	<p>From this point, P.M. No. 5, Phoenix lode, bears S. 50°14' W., 8.665 chs. dist., hereinbefore described.</p> <p>From this same point, U.S. Mineral Monument No. 4, bears S. 13°43' E., 28.04 chs. (1,850.4 ft.) dist., hereinbefore described.</p> <hr/> <p>N. 58°53' E., on line 3-4, Emaline lode.</p> <p>Over rolling terrain along a ridge.</p> <p>South end center, Emaline lode, monumented with a redwood post, 4 x 4 ins., firmly set in concrete, 2 ft. diam., projecting 30 ins. above the ground, with scribe mark N visible on northwesterly face and 412 visible on northeasterly face, with a mound of stone, 3 ft. base, 1/2 ft. high to SW.</p> <p>At the cor. point</p> <p>Remove the wood post and backfill the concrete hole with rock, then set a brass tablet, 3 1/4 ins. diam., 3 1/2 ins. stem, cemented in the center of the square hole, with top mkd.</p> <p style="text-align: center;">T 22 S R 10 E</p> <div style="text-align: center;"> <p>MS4128 EMA SEC</p> <hr style="width: 100px; margin: 0 auto;"/> <p>S22</p> <p>2012</p> </div> <p>Deposit a magnet, without a white plastic case, at the base of the brass tablet.</p> <p>Lay orig. wood post on mound of stone.</p> <p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", nearby.</p> <hr/> <p>N. 58°49' E., beginning new measurement.</p> <p>Over rolling terrain.</p> <p>4.55 Cor. No. 4, Emaline lode, monumented with a redwood post, 4 x 4 ins., firmly set in concrete, 2 ft. diam., projecting 25 ins. above the ground, with scribe marks E4 4128 visible on southwesterly face, from which the remains of the orig. bearing tree</p>

Dependent Resurvey of Mineral Survey Numbers 264, 951 and 4128,
T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS	
	<p>A dead and standing oak, 8 ins. diam., bears S. 70° W., 11 lks. dist., with a possible healed blaze.</p>
	<p>from which new accessories</p>
	<p>A brass tablet, in a drill hole on a rock ledge, 8 ins. wide, 5 1/2 ft. up a rock outcrop, 15 wide and 20 ft. high, for a reference monument, bears S. 2°19' W., 17.4 ft. dist. with brass cap mkd. RM T22S R10E 17.4 FT TO COR. 4 EMA MS4128 S22 2012 and an arrow pointing to the cor.</p>
	<p>A rock face, 6 ft. wide, 3 ft. high, bears N. 87°45' W., 31 1/2 lks. dist. to an X chiseled halfway up the face, mkd. BXO.</p>
	<p>Set an alum. sign post, with Forest Service signs 54-9, "Land Survey Monument" and 54-2, "Property Boundary", near the cor.</p>
	<hr/> <p>N. 31°07' W., on line 4-1, Emaline lode.</p>
	<p>Over mountainous terrain.</p>
12.85	<p>Yellow Jacket creek, 10 ft. wide, drains N. 45° E.</p>
13.10	<p>Forest Service road 4147, dirt, 12 ft. wide, bears N. 65° E. and S. 65° W.</p>
22.72	<p>Cor. No. 1, Emaline lode, and point of beginning.</p>
	<hr/> <p>NOTE: The orig. field notes for Mineral Survey 4128 do not mention setting the wood posts in concrete. Nor do they describe any monumentation of the end centers.</p> <hr/>

T. 22 S., R. 10 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

This survey is located at the upper end of Yellow Jacket Canyon, approximately 6 miles southerly of the unincorporated community of Arivaca. The three patented lode mining claims are surrounded by, and adjoin, National Forest System (NFS) lands located in the Oro Blanco Mining District.

The boundary lines of the forest service lands were marked with Forest Service sign 54-2, "Property Boundary" attached to alum. sign posts.

The Yellow Jacket Lode Mining Claim and Phoenix Lode Mining Claim are under the same ownership. The Yellow Jacket Lode Mining Claim currently has mining equipment on site and shows evidence of recently being worked, with very little of the work extending into the Phoenix Lode Mining Claim. There is a portable fence system enclosing portions of the two mining claims that encroaches slightly onto the National Forest System lands, but were not tied in due to their impermanence. There were no other encroachments discovered by this survey. Emaline Lode Mining Claim is under different ownership and shows no indication of any recent mining activity or encroachment onto National Forest System lands.

There is a plethora of mounds of stone within the scope of this project, some with wood posts or PVC pipe, marking claims such as ALMA, CHRSTMAS GIFT, BLUE WATER, EMIRE and YJEW. The mounds of stone that were near the corners accepted during this survey were tied to in this survey, but there are still other mounds of stone, within and without the patented lodes, that are not shown here.

A search was made for all of the rectangular corners of secs. 21 and 22. The corners that were recovered were, for the most part, in good condition, given the age of the survey. There appears to be over 375 feet of confusion somewhere between the west line of sec. 21 and the east line of sec. 22, that would take a more in-depth examination and require expanding the dependent resurvey well outside the scope of the project area to remedy.

The elevation varies from 4,200 to 4,500 feet above sea level. The soil is mostly a thin layer of dirt and sand over rock, supporting ocotillo, scattered oak and mesquite trees and native grasses.

The mean magnetic declination of $10 \frac{1}{4}^{\circ}$ E. was derived from the National Geophysical Data Center's magnetic declination calculator, for the dates of the survey.

CERTIFICATE OF SURVEY

I, Craig S. Dukart, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 19th day of March, 2012, I have dependently resurveyed portions of the subdivisional lines and mineral survey numbers 264, 951 and 4128, in sections 21 and 22, and remonumented certain corners, Township 22 South, Range 10 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. Said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

NOVEMBER 13, 2012

(Date)

Craig S. Dukart

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of portions of the subdivisional lines and mineral survey numbers 264, 951 and 4128, in sections 21 and 22, and the remonumentation of certain corners, Township 22 South, Range 10 East, of the Gila and Salt River Meridian, in the State of Arizona, executed by Craig S. Dukart, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

11/19/2012

(Date)

Stephen K. Hansen

(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 S., R. 10 E., of the 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)~~