

4-683

MINERAL SURVEY No. 4152

ARIZONA

Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MAGMA COPPER COMPANY

KNOWN AS THE

IRENE, SILVER TIP, SURPRISER NO. 2, SILVER AND COPPER POCKET, OAKLAND, SQUARE DEAL, OVERLOOK, HORSE SHOE and FRACTION MILL SITES

PIONEER Mining District,

Pinal County, Arizona

Section 35, Township 1 S., Range 12 E.

Surveyed under instructions dated December 11, 1931.

By Edwin T. Stewart U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced December 11, 1931.

Survey completed December 23, 1931.

Address of claimant is Attorneys, Rice & Mathews, Globe, Arizona, Box 893.

DATES OF AMENDED LOCATIONS

See Location Notices



This survey was made with a C. L. Berger & Sons engineers transit, No. 6217, with horizontal limb 6.25 ins. diameter, having two double opposite verniers and full vertical circle 5 ins. diameter, with one double vernier; the verniers read to one minute of arc; the eye piece of the telescope is equipped with a colored glass set in the dust shutter for making direct observations on the sun. An auxiliary telescope that may be used on top or at the side of the main telescope of the instrument is equipment for observations when the sun is too high for direct observations. The instrument was in good condition at the time of the survey, and all adjustments were checked and found in good order. Observations were made on Polaris for meridian and on the Sun for time and latitude, the details of which are submitted herewith for examination. It not being convenient to make an observation on Polaris from one of the corners of the survey, the observation was made at a point approximately 150 feet south and 250 feet east of Cor. No. 6 of the Irene Mill Site of the survey. From the point of observation angles were turned from the observed line to two corners of the survey and from these corners the bearings for the lines of the survey were obtained by angles.

The lines were measured with 650 and 50 ft. steel tapes made by the Lufkin Rule Company. The 650 ft. tape is graduated every foot with an extra foot before the zero mark graduated in tenths and hundredths of a foot. The 50 ft. tape is graduated to feet, tenths and hundredths of a foot. Both of these tapes have recently been checked with a tape of known length and found correct.

All the lines of the survey were run by direct methods except those that were traversed and calculated, and for which I submit calculation sheets herewith.

The magnetic variation observed at each corner of the survey is  $14^{\circ}-10'$  E.

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IRENE MILL SITE.

Beginning at Cor. No. 1 of the Irene Mill Site, which is identical with Cor. No. 1 of the Silver Tip Mill Site, of this survey, and agrees with S. E. Cor. of the location.

On line 2-3 Caledonia lode Sur. No. 2860 and line 4-1 Safety lode Surs. Nos. 2479 and 2860.

This corner falls in a warehouse where a monument can not be established.

The quarter corner between sections 35 and 36, T. 1 S., R. 12 E., G. & S. R. M., bears S.  $64^{\circ}-13'$  E. 678.4 ft. dist.; an iron post, with brass cap, showing two feet above the ground; properly mkd.

Cor. VI of the Irene lode Lot 42, the lode claim in conjunction with which this mill site is held, bears N.  $15^{\circ}-32'-30''$  E. 1817.05 ft. dist.

Witness corner bears S.  $14^{\circ}-03'$  E. 42.2 ft.; a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. Wit. Cor.-I.M.S.-1-4152-S.T.M.S.-1-4152 set 7 ins. in the ground, on bed rock, over a 1 in. steel bar which is grouted in a drill hole with sulphur, and surrounded with mound of stone, as witness corner for Cor. No. 1 and Cor. No. 1 of Silver Tip Mill Site.



3<sup>rd</sup>

Feet	Thence S. 81°-36'-30" W.
	Along line 1-4 of said Silver Tip Mill Site.
45.00	Center of standard gauge railroad, bears N. 46° W. and S. 46° E.
64.00	Center of standard gauge railroad, bears N. 46° W. and S. 46° E.
163.35	Cor. No. 4 of said Silver Tip Mill Site which is identical with Cor. No. 1 Surpriser No. 2 Mill Site, also of this survey.
	Along line 1-4 of said Surpriser No. 2 Mill Site.
288.80	Center of standard gauge railroad, bears N. 39° W. and S. 39° E.
326.70	Cor. No. 4 of said Surpriser No. 2 Mill Site, which is identical with Cor. No. 1 Silver And Copper Pocket Mill Site of this survey.
	Along line 1-4 of said Silver And Copper Pocket Mill Site.
334.00	Center of road, 16 ft. wide, bears N. 24° E. and S. 24° W.
490.05	Cor. No. 4 of said Silver And Copper Pocket Mill Site, which is identical with Cor. No. 1 Oakland Mill Site, also of this survey.
	Along line 1-8 of said Oakland Mill Site.
594.70	Intersect line 2-3, Safety lode of Surs. Nos. 2479 and 2860 at a point from which Cor. No. 3 bears No. 14°-03' W. 161.80 ft. dist.
596.15	Cor. No. 2, identical with Cor. No. 8 of said Oakland Mill Site and agrees with S. W. Cor. of the location.
	On line 5-1 Sur. No. 4092 Overlook lode.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. I.M.S.-2-4152- O.M.S.-8-4152, 24 ins. in the ground and built a monument of stone alongside for Cor. No. 2 and Cor. No. 8 of said Oakland Mill Site, from which
	Cor. No. 3 of the Safety lode Surs. Nos. 2479 and 2860 bears N. 13°-32' W. 161.65 ft. dist.
	A limestone 6 x 24 x 24 ins. above the ground bears N. 17°-16' W. 36.78 ft. dist.; mkd. X B.R.-I.M.S.-2-O.M.S.-8-4152.
	Thence N. 13°-57' W.
	Along line 1-5 of said Overlook lode.
262.95	Center of standard gauge railroad, bears N. 71° W. and S. 71° E.
280.85	Center of standard gauge railroad, bears N. 71° W. and S. 71° E.
302.65	Center of mine track over top of ore bin, bears N. 71° W. and S. 71° E.
356.25	Center of mine track, bears N. 85° W. and S. 85° E.



Feet

400.65 Center of standard gauge railroad, bears S. 83° W. and N. 83° E.

405.95 Center of mine track, bears S. 79° W. and N. 79° E.

548.65 Cor. No. 3, identical with Cor. No. 5 Sur. No. 4092 Overlook lode and agrees with monument of the location.

A standard 2 in. iron pipe, showing 18 ins. out of the ground, with brass cap mkd. 5-0-4092 for said Overlook lode, to which I add I.M.S.-3-4152 for Cor. No. 3, with monument of stone alongside; from which

A point on dacite in place bears N. 17°-31' W. 12.95 ft. dist.; mkd. X B.R.-4092-I.M.S.-3-4152.

Thence S. 77°-17'-30" W.

Along line 5-4 of said Overlook lode..

75.95 Cor. No. 4, identical with Cor. No. 1 Sur. No. 2930 A. Sacramento lode, and agrees with monument of the location.

The post at this corner being in bad condition for a permanent monument I removed it and

Set a standard 2 in. iron pipe, 3 ft. long with brass cap mkd. I.M.S.-4-4152- S.-1-2930 A., 6 ins. in the ground, on bed rock, over a 1 in. steel bar grouted in a drill hole with sulphur, and built a monument of stone alongside, for Cor. No. 4 and Cor. No. 1 of said Sacramento lode; from which

There are no local bearing objects available.

Thence N. 12°-40' W.

Along line 1-6 of said Sacramento lode.

108.10 Cor. No. 5 which agrees with N. W. Cor. of the location.

At the intersection of line 6-1, Sacramento lode with line 1-2, San Francisco lode, both claims of Sur. No. 2930 A.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. I.M.S.-5-4152, 18 ins. in the ground and built a monument of stone alongside for Cor. No. 5, from which

There are no local bearing objects available.

Thence N. 89°-19'-30" E.

Along line 2-1 of said San Francisco lode.

212.85 Cor. No. 6, identical with Cor. No. 2 Sur. No. 2930 B. Queen Annex Mill Site and agrees with monument of the location.

On line 1-2 of said San Francisco lode.

The post at this corner being in bad condition for a permanent monument I removed it and

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. I.M.S.-6-4152-Q.A.M.S.-2-2930 B., 6 ins. in the ground, on bed rock, over a 1 in. steel bar grouted



# 5

Feet in a drill hole with sulphur, and surrounded it with a monument of stone for Cor. No. 6 and Cor. No. 2 of said Queen Annex Mill Site, from which

There are no local bearing objects available.

Thence S. 00°-44'-30" W.

Along line 2-1 of said Queen Annex Mill Site.

208.90 Center of mine track, bears N. 75° E. and S. 75° W.

229.50 Center of standard-gauge railroad, bears N. 86° E. and S. 86° W.

282.70 Center of mine track, bears N. 87° W. and S. 87° E.

346.80 Center of mine track, bears N. 71° W. and S. 71° E.

366.90 Center of standard gauge railroad, bears N. 71° W. and S. 63° E.

380.10 Cor. No. 7, identical with Cor. No. 1 Sur. No. 2930 B. Queen Annex Mill Site, and agrees with monument of the location.

Cor. not set on account of falling on north rail of standard gauge railroad where a monument can not be established; track bears N. 71° W. and S. 71° E.

A point on dacite out-crop bears S. 49°-15' E. 36.95 ft. dist.; mkd. X B.R.-I.M.S.-7-4152.

Witness corner bears S. 00°-44'-30" W. 14.0 ft. dist.; a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. Wit. Cor.-I.M.S.-7-4152- Q.A.M.S.-1-2930 B, set 20 ins. in the ground with mound of stone alongside, for Cor. No. 7 and Cor. No. 1 of said Queen Annex Mill Site.

Thence N. 89°-19'-30" E.

Along line 1-4 of said Queen Annex Mill Site.

33.70 Center of standard gauge railroad, bears N. 60° W. and S. 60° E.

111.40 Center of mine track, bears N. 79° W. and S. 79° E.

312.10 Center of standard gauge railroad, bears N. 77° W. and S. 71° E.

338.40 Center of mine track, bears N. 52° E. and S. 52° W.

375.00 Center of standard gauge railroad, bears N. 47° W. and S. 47° E.

492.00 Center of road, 16 ft. wide, bears N. 15° E. and S. 20° E.

572.95 Cor. No. 8, identical with Cor. No. 4 Sur. No. 2930 B Queen Annex Mill Site and agrees with monument of the location.

On line 2-3 Sur. No. 2860 Sunnyside lode.

The post at this corner being in bad condition for a permanent monument, I removed it and

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. I.M.S.-8-4152- Q.A.M.S.-4-2930 B., 24 ins. in the ground, and built a monument of stone alongside for



Feet	Cor. No. 8 and Cor. No. 4 of said Queen Annex Mill Site, from which
	There are no local bearing objects available.
	Thence S. 00°-53' W.
	Along line 3-2 of said Sunnyside lode.
6.50	Cor. No. 9, identical with Cor. No. 2 Sunnyside lode and Cor. No. 3 Caledonia lode, both claims of Sur. No. 2860, and Cor. No. 4, Safety lode Surs. Nos. 2479 and 2860, and agrees with monument of the location.
	The post at this corner being in bad condition, I removed it and
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. I.M.S.-9-4152-2-S.-2860-3-C.-2860-4-2479-Saf.-4-Saf.-2860, set 24 ins. in the ground with mound of stone alongside, for Cor. No. 9, Cor. No. 2 of said Sunnyside lode, Cor. No. 3 of said Caledonia and Cor. No. 4 of said Safety lode, from which
	Cor. No. 3 Safety lode Surs. Nos. 2479 and 2860 bears S. 81°-36'-30" W. 594.7 ft. dist.
	A point on limestone in place bears S. 84°-39' E. 10.25 ft. dist.; mkd. X B.R.-2479-2860-2930 B.-I.M.S.-9-4152.
	Thence S. 14°-03' E.
	Along line 3-2 of said Caledonia lode and line 4-1 of said Safety lode.
161.80	Cor. No. 1, and place of beginning.  SILVER TIP MILL SITE.
	Beginning at Cor. No. 1 of the Silver Tip Mill Site, which is identical with Cor. No. 1 of the Irene Mill Site of this survey, and agrees with N. E. Cor. of the location.
	The quarter corner between sections 35 and 36 bears S. 64°-13' E. 678.4 ft. dist.; previously described.
	Cor. No. 1 Sur. No. 2144 Silver Tip lode, the lode claim in conjunction with which this mill site is held, bears N. 11°-11' E. 2387.35 ft. dist.
	Thence S. 14°-03' E.
	Along line 3-2 Sur. No. 2860 Caledonia lode and line 4-1 Safety lode Surs. Nos. 2479 and 2860.
42.20	Witness Cor. for Cor. No. 1, previously described.
76.40	Center of standard gauge railroad, bears N. 46° W. and S. 46° E.
127.10	Center of standard gauge railroad, bears N. 40° W. and S. 40° E.
1060.70	Center of standard gauge railroad, bears N. 42° W. and S. 42° E.
1075.50	Center of standard gauge railroad, bears N. 45° W. and S. 45° E.



Feet  
1338.30 Cor. No. 2, identical with Cor. No. 2 Caledonia lode and Cor. No. 3 Golden Eagle lode, both claims of Sur. No. 2860, Cor. No. 1 Safety lode Surs. Nos. 2479 and 2860, and the N. E. Cor. of the Windsor lode Lot No. 37.

To make a more permanent monument at this corner, I removed the old post and

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.T.M.S.-2-4152- 2-C-2860-3-G.E.-2860-1-2479-Saf.-1-Saf.-2860-N.E.W., for Cor. No. 2 and for Cor. No. 2 of said Caledonia lode, Cor. No. 3 of said Golden Eagle lode, Cor. No. 1 of said Safety lode and the northeast Cor. of said Windsor lode, from which

There are no local bearing objects available.

Thence S. 81°-36'-30" W.

Along line 1-2 of said Safety lode and the N. W. end line of said Windsor lode.

163.35 Cor. No. 3, identical with Cor. No. 2 Surpriser No. 2 Mill Site of this survey, and agrees with S. W. Cor. of the location.

On line 1-2 Safety lode Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode Lot No. 37.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.T.M.S.-3-4152-S.2 M.S.-2-4152, 24 ins. in the ground and built a monument of stone alongside for Cor. No. 3 and Cor. No. 2 of said Surpriser No. 2 Mill Site, from which

A limestone 2 x 12 x 12 ins. out of the ground bears N. 78°-47' E. 39.20 ft. dist.; mkd. X B.R.-S.T.M.S.-3-4152- S.2 M.S.-2.

Thence N. 14°-03' W.

Along line 2-1 of said Surpriser No. 2 Mill Site.

521.50 Center of standard gauge railroad, bears N. 48° W. and S. 45' E.

592.30 Center of standard gauge railroad, bears N. 42° W. and S. 42° E.

1338.30 Cor. No. 4, identical with Cor. No. 1 of said Surpriser No. 2 Mill Site and agrees with N. W. Cor. of the location.

On line 1-2 Irene Mill Site of this survey.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.T.M.S.-4-4152-.S.2 M.S.-1-4152, 24 ins. in the ground and built a monument of stone alongside for Cor. No. 4 and Cor. No. 1 of said Surpriser No. 2 Mill Site, from which

There are no local bearing objects available.

Thence N. 81°-36'-30" E.

Along line 2-1 of said Irene Mill Site.

99.35 Center of standard gauge railroad.

118.35 Center of standard gauge railroad.

163.35 Cor. No. 1, and place of beginning.



Feet	SURPRISER NO. 2 MILL SITE.
	Beginning at Cor. No. 1 of the Surpriser No. 2 Mill Site, which is identical with Cor. No. 4 Silver Tip Mill Site of this survey and agrees with N. E. Cor. of the location, from which
	The quarter corner between sections 35 and 36 bears S. 70°-39'-10" E. 818.7 ft. dist.; previously described.
	The S. W. Cor. of the Surpriser No. 2 lode Lot No. 38, the lode claim in conjunction with which this mill site is held, bears S. 02°-49'-50" E. 4301.65 ft. dist.; a 4 x 4 post properly set and marked.
	Thence S. 14°-03' E.
	Along line 4-3 of said Silver Tip Mill Site.
746.00	Center of standard gauge railroad.
816.80	Center of standard gauge railroad.
1338.30	Cor. No. 2, identical with Cor. No. 3 of said Silver Tip Mill Site and agrees with S. E. Cor. of the location.
	Thence S. 81°-36'-30" W.
	Along line 1-2 Safety lode Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode Lot No. 37.
163.35	Cor. No. 3, identical with Cor. No. 2 Silver And Copper Pocket Mill Site of this survey and agrees with S. W. Cor. of the location.
	On line 1-2 Safety lode Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode Lot No. 37.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.2 M.S.-3-4152-S. & C.P.M.S.-2-4152, 24 ins. in the ground and set a 5 ft. 4 x 4 pine post alongside for Cor. No. 3 and Cor. No. 2 of said Silver And Copper Pocket Mill Site, from which
	There are no local bearing objects available.
	Thence N. 14°-03' W.
	Along line 2-1 of said Silver And Copper Pocket Mill Site.
672.80	Center of standard gauge railroad, bears N. 70° W. and S. 70° E.
1319.64	Witness corner for Cor. No. 4, identical with witness corner for Cor. No. 1 of said Silver And Copper Pocket Mill Site.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. Wit. Cor.-S.2 M.S.-4-4152- S. & C.P.M.S.-1-4152, 24 ins. in the ground and built a monument of stone alongside as witness corner for Cor. No. 4 and for Cor. No. 1 of said Silver And Copper Pocket Mill Site.
1338.30	Cor. No. 4, identical with Cor. No. 1 of said Silver And Copper Pocket Mill Site, and agrees with N. W. Cor. of the location.
	On line 1-2 Irene Mill Site of this survey.
	This corner falls in road where a monument can not be established.



	Thence N. $81^{\circ}-36'-30''$ E.
	Along line 2-1 of said Irene Mill Site.
37.90	Center of standard gauge railroad.
163.35	Cor. No. 1, and place of beginning.
	SILVER AND COPPER POCKET-MILL SITE.
	Beginning at Cor. No. 1 of the Silver And Copper Pocket Mill Site, which is identical with Cor. No. 4, Surpriser No. 2 Mill Site of this survey, and agrees with N. E. Cor. of the location, from which
	The quarter corner between sections 35 and 36 bears S. $75^{\circ}-10'$ E. 966.25 ft. dist.; previously described.
	Cor. No. 1 Sur. No. 2144 Silver And Copper Pocket lode, the lode claim in conjunction with which this mill site is held, bears N. $72^{\circ}-44'-10''$ E. 1140.5 ft. dist.; a lime stone properly set and marked.
	Thence S. $14^{\circ}-03'$ E.
	Along line 4-3 of said Surpriser No. 2 Mill Site.
18.66	Witness corner for Cor. No. 1, identical with witness corner for Cor. No. 4 of said Surpriser No. 2 Mill Site; previously described.
665.50	Center of standard gauge railroad.
1338.30	Cor. No. 2, identical with Cor. No. 3 of said Surpriser No. 2 Mill Site and agrees with S. E. Cor. of the location.
	Thence S. $81^{\circ}-36'-30''$ W.
	Along line 1-2 Safety lode-Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode Lot No. 37.
97.00	Center of road, 20 ft. wide, bears N. $10^{\circ}$ W. and S. $10^{\circ}$ E.
163.35	Cor. No. 3, identical with Cor. No. 2 Oakland Mill Site of this survey, and agrees with S. W. corner of the location.
	On line 1-2 Safety lode Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode Lot No. 37.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S. & C.P.M.S.-3-4152-O.M.S.-2-4152, 24 ins. in the ground and set a 5 ft. 4 x 4 pine post alongside for Cor. No. 3 and Cor. No. 2 of said Oakland Mill Site, from which
	There are no local bearing objects available.
	Thence N. $14^{\circ}-03'$ W.
	Along line 2-1 of said Oakland Mill Site.
392.30	Center of road, bears N. $80^{\circ}$ E. and S. $80^{\circ}$ W.
733.90	Center of standard gauge railroad, bears east and west.
865.30	Center of road, 25 ft. wide, bears N. $16^{\circ}$ E. and S. $30^{\circ}$ W.
1202.30	Center of road, 20 ft. wide, bears N. $80^{\circ}$ E. and S. $80^{\circ}$ W.
1338.30	Cor. No. 4, identical with Cor. No. 1 of said Oakland



Feet	Mill Site, and agrees with N. W. Cor. of the location.
	On line 1-2 Irene Mill Site of this survey.
	Set a standard 2 in. iron pipe, 3 ft. long with brass cap mkd. S.& C.P.M.S.-4-4152-O.M.S.-1-4152, 24 ins. in the ground and built a monument of stone alongside for Cor. No. 4 and for Cor. No. 1 of said Oakland Mill Site, from which
	There are no local bearing objects available.
	Thence N. 81°-36'-30" E.
	Along line 2-1 of said Irene Mill Site.
156.05	Center of road.
163.35	Cor. No. 1, and place of beginning.
	OAKLAND MILL SITE.-
	Beginning at Cor. No. 1 of the Oakland Mill Site, which is identical with Cor. No. 4 Silver And Copper Pocket Mill Site of this survey, and agrees with N. E. Cor. of the location, from which
	The quarter corner between sections 35 and 36 bears S. 78°-28'-10" E. 1118.2 ft. dist.; previously described.
	Cor. No. 1 Sur. No. 2930 A. Oakland lode, the lode claim in conjunction with which this Mill Site is held, bears N. 59°-44'-20" W. 1185.7 ft. dist.; a 4 x 4 post properly set and mkd.
	Thence S. 14°-03' E.
	Along line 4-3 of said Silver And Copper Pocket Mill Site.
136.00	Center of road.
473.00	Center of road.
604.40	Center of standard gauge railroad.
946.00	Center of road.
1338.30	Cor. No. 2, identical with Cor. No. 3 of said Silver And Copper Pocket Mill Site, and agrees with S. E. Cor. of the location.
	Thence S. 81°-36'-30" W.
	Along line 1-2 Safety lode Surs. Nos. 2479 and 2860 and the N. W. end line of the Windsor lode, Lot No. 37.
17.92	Intersect line 4-1 Sur. No. 2860 Wedge lode at a point from which Cor. No. 4 bears N. 26°-34' W. 16.26 ft. dist.
104.65	Cor. No. 3, identical with Cor. No. 2 Safety lode and Cor. No. 5 Security lode, both claims of Surs. Nos. 2479 and 2860, the N. W. Cor. of the Windsor lode Lot No. 37, the N. W. E. C. of the Wedge lode Sur. No. 2860 and Cor. No. 5 of the Addition To The Superior Townsite, and agrees with south west Cor. of the location.
	The post at this corner having rotted off, I accepted the center of the remaining stump for the corner and



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.Feet 30 Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-3-4152-2-2479-Saf.-2-Saf.-2860-5-2479-Sec.5-Sec.-2860-N.W.W., 30 ins. in the ground, in concrete base, and set a 5 ft. 4 x 5 pine post alongside for Cor. No. 3 and for Cor. No. 2 of said Safety lode, Cor. No. 5 of said Security lode, the N. W. Cor. of said Windsor lode, and the N. W. E. C. of said Wedge lode. Along the north side of the pipe I reset, in its original position, the iron post with brass cap which was set for Cor. No. 5 of the Addition To The Superior Townsite.

Cor. No. 4 Sur. No. 2860 Wedge lode bears N. 70°-54' E. 83.1 ft. dist.

Cor. No. 4 Security lode Surs. Nos. 2479 and 2860 bears N. 14°-03' W. 378.60 ft. dist.

Thence N. 14°-05'-30" W.

Along line 5-6 of the Addition To The Superior Townsite.

378.66 Intersect line 3-4 Security lode Surs. Nos. 2479 and 2860 at a point from which Cor. No. 4 bears N. 88°-43' E. .28 ft. dist.

592.00 Center of road, 12 ft. wide, bears N. 45° W. and S. 45° E.

686.70 Cor. No. 4 identical with Cor. No. 6 of said Addition To The Superior Townsite, and agrees with monument of the location.

The 4 x 4 post which is the exact corner point at this corner of the Addition To The Superior Townsite being in bad condition, I removed it and

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-4-4152, 24 ins. in the ground, in concrete base, and built a monument of stone alongside for Cor. No. 4, and, along the east side of the pipe, in its original position, I reset the iron post with brass cap set for Cor. No. 6 of the Addition To The Superior Townsite.

There are no local bearing objects available.

Thence S. 77°-19' W.

Along line 6-7 of the Addition To The Superior Townsite.

38.00 Road, 25 ft. wide, bears N. 13° E. and S. 13° W.

103.70 Cor. No. 5, identical with Cor. No. 1 Square Deal Mill Site of this survey and agrees with monument of the location.

On line 6-7 of said Addition To The Superior Townsite.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-5-4152-S.D.M.S.-1-4152, 30 ins. in the ground and set a 5 ft. 4 x 4 pine post alongside for Cor. No. 5 and Cor. No. 1 of said Square Deal Mill Site, from which

There are no local bearing objects available.

Thence N. 14°-02' W.

Along line 1-4 of said Square Deal Mill Site.

57.40 Center of standard gauge railroad, bears N. 76° E. and S. 76° W.



Feet  
169.50 Center of road, 15 ft. wide, bears N. 73° W. and S.73°E.  
454.00 Center of road, 15 ft. wide, bears N. 10° E. and S.10°W.  
600.50 Cor. No. 6, identical with Cor. No. 4 of said Square Deal Mill Site, and agrees with monument of the location.  
On line 1-2 Sur. No. 4092 Overlook lode.  
Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-6-4152-S.D.M.S.-4-4152, 24 ins. in the ground, and built a monument of stone alongside for Cor. No. 6 and Cor. No. 4 of said Square Deal Mill Site, from which.  
A quartzite stone 1.5 x 2 x 2 ft. out of the ground bears N. 49°-08' E. 15.63 ft. dist.; mkd. X.B.R.-O.M.S.-6-4152-S.D.M.S.-4.  
Thence N. 77°-20' E.  
Along line 2-1 of said Overlook lode.  
91.48 Witness corner for Cor. No. 7, identical with witness corner for Cor. No. 1 of said Overlook lode.  
A standard 2 in. iron pipe, showing 15 ins. above the ground, with brass cap mkd. Wit. Cor.-1 O.-4092 to which I add O.M.S.-7-4152 for witness Cor. No. 7, with redwood post set alongside.  
102.40 Cor. No. 7, identical with Cor. No. 1 Sur. No. 4092 Overlook lode, and agrees with monument of the location.  
Cor. not set on account of falling at a point where it would interfere with pedestrians going to and from the claimant's blue print room.  
Thence N. 13°-57' W.  
Along line 1-5 of said Overlook lode.  
51.35 Cor. No. 8, identical with Cor. No. 2 Irene Mill Site of this survey and agrees with north west Cor. of the location.  
Thence N. 81°-36'-30" E.  
Along line 2-1 of said Irene Mill Site.  
1.45 Intersect line 2+3 Safety lode Surs. Nos. 2479 and 2860 at a point from which Cor. No. 2 bears S. 14°-03' E. 1338.3 ft. dist.  
106.10 Cor. No. 1, and place of beginning.  
SQUARE DEAL MILL SITE.  
Beginning at Cor. No. 1 of the Square Deal Mill Site, which is identical with Cor. No. 5 Oakland Mill Site of this survey, and agrees with S. E. Cor. of the location, from which  
The quarter corner between sections 35 and 36 bears N. 68°-38'-30" E. 1226.8 ft. dist.; previously described.  
Cor. No. 2 Sur. No. 2860 Square Deal lode, the lode claim in conjunction with which this mill site is held, bears S. 09°-14'-40" E. 3625.5 ft. dist.



SI 13

Feet Thence S. 77°-19' W.  
 Along line 6-7 Addition To The Superior Townsite.  
 342.65 Cor. No. 2, identical with Cor. No. 1 Overlook Mill Site  
 of this survey and agrees with S. W. Cor. of the  
 location.

On line 6-7 Addition To The Superior Townsite.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.D.M.S.-2-4152- O.M.S.-1-4152, 6 ins. in the ground, on bed rock, over a 1 in. steel bar grouted in a drill hole with sulphur, and built a monument of stone alongside for Cor. No. 2 and Cor. No. 1 of said Overlook Mill Site, from which

A dacite stone 1 x 2 x 2.5 ft. out of the ground bears S. 80°-01' E. 62.7 ft. dist.; mkd. X B.R.-O.M.S.-1-4152-S.D.M.S.-2.

Thence N. 14°-02' W.

Along line 1-4 of said Overlook Mill Site.

56.20 Center of standard gauge railroad, bears N. 85° E. and S. 85° W.

213.00 Center of road, 16 ft. wide, bears east and west.

600.60 Cor. No. 3, identical with Cor. No. 4 of said Overlook Mill Site, and agrees with N. W. Cor. of the location.

On line 1-2 Sur. No. 4092 Overlook lode.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. S.D.M.S.-3-4152-O.M.S.-4-4152, 24 ins. in the ground and set a 5 ft. 4 x 4 pine post alongside, for Cor. No. 3 and Cor. No. 4 of said Overlook Mill Site, from which

There are no local bearing objects available.

Thence N. 77°-20' E.

Along line 2-1 of said Overlook lode.

342.65 Cor. No. 4, identical with Cor. No. 6 Oakland Mill Site of this survey, and agrees with N. E. Cor. of the location.

Thence S. 14°-02' E.

Along line 6-5 of said Oakland Mill Site.

146.50 Center of road.

431.00 Center of road.

543.10 Center of standard gauge railroad.

600.50 Cor. No. 1, and place of beginning.

OVERLOOK MILL SITE.

Beginning at Cor. No. 1 of the Overlook Mill Site, which is identical with Cor. No. 2 Square Deal Mill Site of this survey, and agrees with S. E. Cor. of the location, from which

The quarter corner between sections 35 and 36 bears N. 70°-32' E. 1566.4 ft. dist.; previously described.



Feet	Cor. No. 1 Sur. No. 4092 Overlook lode, the lode claim in conjunction with which this mill site is held, bears N. 22°-59'-20" E. 738.95 ft. dist.; Corner not set but witnessed by an iron pipe properly set and mkd.
	Thence S. 77°-19' W.
	Along line 6-7 of the-Addition To The Superior Townsite.
344.10	Cor. No. 2, identical with Cor. No. 1 Horse Shoe Mill Site, and agrees with S. W. Cor. of the location.
	On line 6-7 of Addition To The Superior Townsite.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-2-4152- H.S.M.S.-1-4152, 24 ins. in the ground and set a 5 ft. 4 x 4 pine post alongside for Cor. No. 2 and Cor. No. 1 of said Horse Shoe Mill Site, from which
	A lime stone 4 x 18 x 18 ins. out of the ground bears N. 11°-19'-W. 11.16 ft. dist.; mkd. X B.R.-4152 only, the surface being too rough for more markings.
	Thence N. 14°-02' W.
	Along line 1-4 of said Horse Shoe Mill Site.
229.70	Center of standard gauge railroad, bears N. 75° W. and S. 75° E.
280.30	Center of road, 16 ft. wide, bears N. 72° E. and S. 72° W.
600.70	Cor. No. 3, identical with Cor. No. 4 of said Horse Shoe Mill Site, and agrees with N. W. Cor. of the location.
	On line 1-2 Sur. No. 4092 Overlook lode.
	Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. O.M.S.-3-4152-H.S.M.S.-4-4152, 24 ins. in the ground, and built a monument of stone alongside for Cor. No. 3 and Cor. No. 4 of said Horse Shoe Mill Site, from which-
	There are no local bearing objects available.
	Thence N. 77°-20' E.
	Along line 2-1 of said Overlook lode.
233.00	Center of road, 18 ft. wide, bears N. 12° W. and S. 12° E.
344.10	Cor. No. 4, identical with Cor. No. 3 Square Deal Mill Site of this survey, and agrees with N. E. Cor. of the location.
	Thence S. 14°-02' E.
	Along line 3-2 of said Square Deal Mill Site.
387.60	Center of road.
544.40	Center of standard gauge railroad.
600.60	Cor. No. 1, and place of beginning.
	HORSE SHOE MILL SITE.
	Beginning at Cor. No. 1 of the Horse Shoe Mill Site, which is identical with Cor. No. 2 Overlook Mill Site



Feet of this survey, and agrees with S. E. Cor. of the location, from which

The quarter corner between sections 35 and 36 bears N. 71°-45'-10" E. 1908.5 ft. dist.; previously described.

Cor. No. 1 Sur! Ne. 2995 Horse Shoe lode, the lode claim in conjunction with which this mill site is held, bears N. 48°-33'-40" E. 4021.85 ft. dist.; a 4 x 4 post properly set and mkd.

Thence S. 77°-19' W.

Along line 6-7 of the Addition To The Superior Townsite.

355.25 Cor. No. 2, identical with Cor. No. 5 Fraction Mill Site of this survey, and agrees with S. W. Cor. of the location.

On line 6-7 of the Addition To The Superior Townsite.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. H.S.M.S.-2-4152-F.M.S.-5-4152, 24 ins. in the ground, and set a 5 ft. 4 x 4 pine post alongside, for Cor. No. 2 and Cor. No. 5 of said Fraction Mill Site, from which

There are no local bearing objects available.

Thence N. 14°-02' W.

Along line 5-4 of said Fraction Mill Site.

50.00 Center of road, 16 ft. wide, bears N. 36° E. and S. 21° W.

416.10 Center of standard gauge railroad, bears east and west.

600.80 Cor. No. 3, identical with Cor. No. 4 of said Fraction Mill Site, and agrees with N. W. Cor. of the location.

On line 1-2 Sur. No. 4092 Overlook lode.

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. H.S.M.S.-3-4152-F.M.S.-4-4152, 24 ins. in the ground and built a monument of stone alongside for Cor. No. 3 and Cor. No. 4 of said Fraction Mill Site, from which

There are no local bearing objects available.

Thence N. 77°-20' E.

Along line 2-1 of said Overlook lode.

355.25 Cor. No. 4, identical with Cor. No. 3 Overlook Mill Site of this survey, and agrees with N. E. Cor. of the location.

Thence S. 14°-02' E.

Along line 3-2 of said Overlook Mill Site.

320.40 Center of road.

371.00 Center of standard gauge railroad.

600.70 Cor. No. 1, and place of beginning.

FRACTION MILL SITE.

Beginning at Cor. No. 1 of the Fraction Mill Site, which is identical with Cor. No. 7 of the Addition To The



Feet

Superior Townsite, and agrees with S. W. Cor. of the location.

The 4 x 4 pine post and iron post described in the notes of the survey of the Addition To The Superior Townsite have both been removed, so I accepted the center of the concrete base that remains as the exact corner point and

Set a standard 2 in. iron pipe, 3 ft. long, with brass cap mkd. F.M.S.-1-4152, 30 ins. in the ground, in concrete base, and built a monument of stone alongside for Cor. No. 1, and, along the east side of the pipe, I set a similar pipe with brass cap mkd. A.S.T.-7-1917 for Cor. No. 7 of the Addition To The Superior Townsite.

The Standard quarter corner for section 35, T. 1 S., R. 12 E., G. & S. R. M., bears S.04°-21'-50"W. 1904.67 ft. dist.; an iron post with brass cap, showing 15 ins. above the ground, properly mkd.

Cor. No. 1 Sur. No. 2144 Fraction lode, the lode claim in conjunction with which this mill site is held, bears N. 66°-01'-50" E. 3223.3 ft. dist.; a 4 x 4 post properly set and mkd.

Thence N. 14°-14' W.

Along line 7-8 of the Addition To The Superior Townsite.

175.20 Cor. No. 2, identical with Cor. No. 8 of said Addition To The Superior Townsite, Cor. No. 4 Sur. No. 3144 Monarch Mill Site, and agrees with monument of the location.

The 4 x 4 post at this corner having rotted off, I accepted the center of the remaining stump as the exact corner point and

Set a standard 2 in.-iron pipe, 3 ft. long, with brass cap mkd. F.M.S.-2-4152- 4-M.-3144 and built a monument of stone alongside for Cor. No. 2 and Cor. No. 4 of said Monarch Mill Site, and, along the east side of the pipe I reset, in its original position, the iron post with brass cap set for Cor. No. 8 of the Addition To The Superior Townsite.

There are no local bearing objects available.

Thence N. 13°-57' W.

Along line 4-3 of said Monarch Mill Site.

233.50 Center of standard gauge railroad, bears N. 65° E. and S. 65° W.

425.70 Cor. No. 3, identical with Cor. No. 2 Sur. No. 4092 Overlook lode, and agrees with N. W. Cor. of the location.

On line 3-4 of said Monarch Mill Site.

A standard 2 in. iron pipe, showing 17 ins. above the ground, with brass cap mkd. 2-0-4092, to which I add F.M.S.-3-4152 for Cor. No. 3, with monument of stone alongside.

A dacite stone 1 x 1.5 x 2 ft. out of the ground bears N. 16°-43' E. 9.44 ft. dist.; mkd. X B.R.-4092-F.M.S.-3-4152.



Feet . . . . . Thence N. 77°-20' E.  
 Along line 2-1 of said Overlook lode.  
 355.25 Cor. No. 4, identical with Cor. No. 3 Horse Shoe Mill  
 Site of this survey, and agrees with N. E. Cor. of the  
 location.  
 Thence S. 14°-02' E.  
 Along line 3-2 of said Horse-Shoe Mill Site.  
 184.70 Center of standard gauge railroad.  
 550.80 Center of road.  
 600.80 Cor. No. 5, identical with Cor. No. 2 of said Horse Shoe  
 Mill Site, and agrees with S.E. Cor. of the location.  
 36.00 Center of road. Thence S. 77° 19' W. Along line 6-7 of the Addition  
 355.25 Cor. No. 1 and place of beginning. To The Superior Townsite

AREAS.

	Acres.
Total Area, Irene Mill Site,	3.792 ✓
Area in conflict with---	
Safety lode Surs. Nos. 2479 and 2860,	2.198 ✓
Total Area, Silver Tip Mill Site,	4.994 ✓
Area in conflict with---	
Safety lode Surs. Nos. 2479 and 2860,	4.994 ✓
Total Area, Surpriser No. 2 Mill Site,	4.994 ✓
Area in conflict with---	
Safety lode Surs. Nos. 2479 and 2860,	4.994 ✓
Total Area, Silver And Copper Pocket Mill Site,	4.994 ✓
Area in conflict with---	
Safety lode Surs. Nos. 2479 and 2860,	4.994 ✓
Total Area, Oakland Mill Site,	4.738 ✓
Area in conflict with---	
Safety lode Surs. Nos. 2479 and 2860,	3.200 ✓
Security lode Surs. Nos. 2479 and 2860,	0.001
Sur. No. 2860 Wedge lode,	0.015
Sur. No. 2860 Wedge lode, exclusive of its conflict with Safety lode, Surs. Nos. 2479 and 2860	0.000
Total Area, Square Deal Mill Site,	4.723 ✓
Total Area, Overlook Mill Site	4.743 ✓
Total Area, Horse Shoe Mill Site,	4.898 ✓
Total Area Fraction Mill Site,	4.903 ✓

LOCATION.

This survey is located in the E.  $\frac{1}{2}$  and the S. W.  $\frac{1}{4}$   
 of section 35, T. 1 S., R. 12 E., G. & S. R. M., Pinal  
 County, Arizona.

ADJOINING AND CONFLICTING CLAIMS.

The Overlook lode Sur. No. 4092, -Sacramento and San  
 Francisco lodes of Sur. No. 2930 A, owned by the claimant,  
 adjoin on the north and west. The Queen Annex Mill Site  
 Sur. No. 2930 B, the Sunnyside and Caledonia lodes of  
 Sur. No. 2860, owned by the claimant, -adjoin on the north  
 and east. The Windsor lode Lot No. -37 and the Wedge lode  
 of Sur. No. 2860, owned by the claimant, adjoin and con-  
 flict on the south. The Security lode of Surs. Nos.



2479 and 2860, owned by the claimant, conflicts on the west. The Addition To The Superior Townsite adjoins on the west and south. The Monarch Mill Site of Sur. No. 3144, owned by the claimant, adjoins on the west. The Safety lode of Surs. Nos. 2479 and 2860, owned by the claimant, conflicts in its entirety with the survey.

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IMPROVEMENTS.

The standard gauge railroad tracks and the mine tracks as they appear located on the plat, by the intersecting claim lines.

A 6 in. water pipe and an 8 in. air pipe which are laid parallel, about 1 foot apart, are intersected by line 3-4 of the Horse Shoe Mill Site and extend southwesterly to line 2-3 of the Fraction Mill Site as indicated on the plat.

Irene Mill Site.

An ore bin made of framed timbers and planks, 16 x 102 ft., the S. E. Cor. of which bears N. 22°-30' W. 27.6 ft. from Cor. No. 7; the long sides bear N. 71° W.

A wood stave water tank, 33.7 ft. in diameter, 12 ft. high, the center of which bears N. 53°-27' E. 332.2 ft. from Cor. No. 2.

A wood stave water tank, 10 ft. in diameter, 6 ft. high, the center of which bears N. 56°-37' E. 375.4 ft. from Cor. No. 2.

A wood stave water tank, 10 ft. in diameter, 8 ft. high, the center of which bears N. 54°-57' E. 370.6 ft. from Cor. No. 2.

A metal lath and stucco finished employment office, 12 x 14 ft., the S. E. Cor. of which bears N. 79°-51' E. 250.3 ft. from Cor. No. 2; the long sides bear N. 82° W.

A corrugated iron pump house, 26 x 30 ft., the N. W. Cor. of which bears N. 59°-37' E. 393.6 ft. from Cor. No. 2; the long sides bear N. 22° W.

A corrugated iron warehouse, 16 x 20 ft., the N. E. Cor. of which bears S. 36°-50' W. 83.1 ft. from Cor. No. 9; the long sides bear N. 50° W.

A corrugated iron warehouse, 46.7 x 46.7 ft., the S. W. Cor. of which bears S. 01°-58' W. 144.1 ft. from Cor. No. 9; bearing of sides S. 50° E.

A wood stave water tank, 9.5 ft. in diameter, 8.5 ft. high, the center of which bears S. 80°-12' E. 32.8 ft. from Cor. No. 5.

Silver Tip Mill Site.

An ore bin made of framed timbers and planks, 14 x 14 ft., the N. W. Cor. of which bears N. 16°-04' E. 124.9 ft. from Cor. No. 3; bearing of sides S. 35° E.

Surpriser No. 2 Mill Site.

A corrugated iron garage, 12 x 18 ft., the N. E. Cor. of which bears N. 79°-33' W. 167.7 ft. from Cor. No. 2; the long sides bear S. 80° W.



A corrugated iron garage, 12 x 18 ft., the N. E. Cor. of which bears N.  $64^{\circ}-13'$  W. 193.5 ft. from Cor. No. 2; the long sides bear S.  $80^{\circ}$  W.

A corrugated iron garage, 12 x 18 ft., the N. E. Cor. of which bears N.  $53^{\circ}-02'$  W. 229.9 ft. from Cor. No. 2; the long sides bear S.  $80^{\circ}$  W.

A corrugated iron garage, 12 x 18 ft., the S. W. Cor. of which bears N.  $43^{\circ}-22'$  W. 318.8 ft. from Cor. No. 2; the long sides bear S.  $80^{\circ}$  W.

A corrugated iron garage, 12 x 18 ft., the S. E. Cor. of which bears N.  $35^{\circ}-29'$  W. 362.9 ft. from Cor. No. 2; the long sides bear S.  $80^{\circ}$  W.

Silver And Copper Pocket Mill Site.

A brick residence, 30 x 32 ft., the S. W. Cor. of which bears N.  $14^{\circ}-14'$  W. 250.7 ft. from Cor. No. 3; the long sides bear N.  $76^{\circ}$  E.

A brick residence, 28 x 32 ft., the S. E. Cor. of which bears N.  $06^{\circ}-08'$  W. 318.3 ft. from Cor. No. 3; the long sides bear N.  $14^{\circ}$  W.

A corrugated iron garage, 12 x 18 ft., the S. E. Cor. of which bears N.  $02^{\circ}-34'$  W. 291.6 ft. from Cor. No. 3; the long sides bear N.  $14^{\circ}$  W.

A brick residence, 28 x 32 ft., the S. E. Cor. of which bears N.  $00^{\circ}-03'$  W. 442.2 ft. from Cor. No. 3; the long sides bear N.  $14^{\circ}$  W.

A cement stucco finished residence, 20 x 34 ft., the S. W. Cor. of which bears N.  $07^{\circ}-56'$  E. 346.5 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A brick residence, 35 x 38 ft., the N. W. Cor. of which bears N.  $09^{\circ}-47'$  E. 316.0 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A brick residence, 24 x 38 ft., the N. W. Cor. of which bears N.  $19^{\circ}-45'$  E. 215.9 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A brick residence, 24 x 38 ft., the S. W. Cor. of which bears N.  $34^{\circ}-45'$  E. 152.4 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A brick residence, 24 x 38 ft., the S. W. Cor. of which bears N.  $53^{\circ}-37'$  E. 119.7 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A brick residence, 24 x 38 ft., the S. W. Cor. of which bears N.  $80^{\circ}-58'$  E. 107.4 ft. from Cor. No. 3; the long sides bear N.  $80^{\circ}$  E.

A corrugated iron garage, 12 x 18 ft., the N. W. Cor. of which bears S.  $08^{\circ}-16'$  E. 813.2 ft. from Cor. No. 1; the long sides bear S.  $14^{\circ}$  E.

A corrugated iron garage, 12 x 18 ft., the N. E. Cor. of which bears S.  $5^{\circ}-14'$  E. 815.3 ft. from Cor. No. 1; the long sides bear S.  $14^{\circ}$  E.

A cement stucco finished residence, 20 x 34 ft., the N. E. Cor. of which bears S.  $06^{\circ}-49'$  E. 862.1 ft. from Cor. No. 1; the long sides bear S.  $14^{\circ}$  E.



Oakland Mill Site.

A corrugated iron garage, 12 x 18 ft., the S. W. Cor. of which bears N. 25°-55' W. 280.3 ft. from Cor. No. 2; the long sides bear N. 14° W.

A corrugated iron garage, 12 x 18 ft., the S. W. Cor. of which bears N. 22°-36' W. 282.2 ft. from Cor. No. 2; the long sides bear N. 76° E.

A brick residence, 28 x 32 ft., the S. E. Cor. of which bears N. 16°-02' W. 319.1 ft. from Cor. No. 2; the long sides bear N. 14° W.

A hollow tile, cement stucco finished, office building, of irregular shape, 46 x 95 ft. over all, the N. E. Cor. of which bears S. 86°-00' E. 109.8 ft. from Cor. No. 8; the long sides bear S. 80° W.

A brick hospital building, of irregular shape, 88.5 x 188 ft. over all, the N. E. Cor. of which bears S. 57°-08' E. 321.5 ft. from Cor. No. 6; the long sides bear S. 83° W.

Square Deal Mill Site.

A brick residence, 24 x 38 ft., the N. E. Cor. of which bears S. 05°-12' W. 158.4 ft. from Cor. No. 4; the long sides bear S. 80° W.

A brick residence, 24 x 38 ft., the N. E. Cor. of which bears S. 01°-29' W. 217.0 ft. from Cor. No. 4; the long sides bear S. 80° W.

A corrugated iron garage, 12 x 18 ft., the S. W. Cor. of which bears S. 70°-43' E. 261.3 ft. from Cor. No. 3; the long sides bear N. 80° E.

A corrugated iron garage, 12 x 18 ft., the S. W. Cor. of which bears S. 60°-06' E. 293.4 ft. from Cor. No. 3; the long sides bear N. 80° E.

A frame residence, 29 x 45 ft., the N. W. Cor. of which bears S. 51°-46' E. 366.2 ft. from Cor. No. 3; the long sides bear N. 80° E.

A corrugated iron garage, 12 x 18 ft., the N. W. Cor. of which bears S. 33°-00' E. 373.1 ft. from Cor. No. 3; the long sides bear South.

A brick residence, 24.5 x 38.5 ft., the N. E. Cor. of which bears S. 31°-57' E. 344.1 ft. from Cor. No. 3; the long sides bear South.

A corrugated iron garage, 12 x 20 ft., the center of the north end of which bears S. 23°-59' E. 436.7 ft. from Cor. No. 3; the long sides bear South.

A brick residence, 24.5 x 38.5 ft., the N. E. Cor. of which bears S. 22°-53' E. 315.4 ft. from Cor. No. 3; the long sides bear South.

A corrugated iron garage, 10 x 18 ft., the S. W. Cor. of which bears S. 46°-34' E. 283.8 ft. from Cor. No. 3; the long sides bear N. 80° E.

A corrugated iron garage, 10 x 18 ft., the S. W. Cor. of which bears S. 44°-42' E. 296.7 ft. from Cor. No. 3; the long sides bear N. 80° E.



A corrugated iron garage, 10 x 18 ft., the S. W. Cor. of which bears S. 43°-05' E. 308.9 ft. from Cor. No. 3; the long sides bear N. 80° E.

A frame residence, 29 x 39 ft., the S. E. Cor. of which bears N. 07°-59' E. 104.5 ft. from Cor. No. 2; the long sides bear North.

A frame residence, 20 x 39 ft., the S. W. Cor. of which bears N. 27°-24' E. 130.0 ft. from Cor. No. 2; the long sides bear North.

A frame residence, 34 x 44 ft., the S. W. Cor. of which bears N. 42°-32' W. 103.2 ft. from Cor. No. 1; the long sides bear N. 10° W.

A corrugated iron garage, 20 x 20 ft., the S. W. Cor. of which bears N. 46°-22' W. 155.4 ft. from Cor. No. 1; the long sides bear N. 80° E.

A corrugated iron garage, 10 x 19 ft., the S. W. Cor. of which bears N. 66°-05' W. 270.3 ft. from Cor. No. 1; the long sides bear East.

A corrugated iron garage, 10 x 18 ft., the S. E. Cor. of which bears N. 42°-21' W. 291.4 ft. from Cor. No. 1; the long sides bear N. 10° W.

Overlook Mill Site.

A corrugated iron garage, 12 x 20 ft., the N. E. Cor. of which bears S. 13°-54' E. 316.3 ft. from Cor. No. 4; the long sides bear South.

A corrugated iron garage, 9 x 17 ft., the N. W. Cor. of which bears S. 09°-34' E. 401.8 ft. from Cor. No. 4; the long sides bear South.

A corrugated iron garage, 12 x 18 ft., the S. E. Cor. of which bears N. 28°-10' E. 248.7 ft. from Cor. No. 2; the long sides bear North.

A frame residence, 20 x 39 ft., the S. E. Cor. of which bears N. 41°-05' E. 227.9 ft. from Cor. No. 2; the long sides bear North.

A corrugated iron garage, 12 x 20 ft., the S. W. Cor. of which bears N. 41°-43' E. 326.3 ft. from Cor. No. 2; the long sides bear North.

A frame residence, 20 x 39 ft., the S. W. Cor. of which bears N. 48°-47' E. 258.9 ft. from Cor. No. 2; the long sides bear North.

A frame residence, 20 x 39 ft., the S. W. Cor. of which bears N. 57°-33' E. 313.9 ft. from Cor. No. 2; the long sides bear North.

Horse Shoe Mill Site.

A corrugated iron garage, 10 x 16 ft., the S. E. Cor. of which bears N. 25°-03' E. 280.3 ft. from Cor. No. 2; the long sides bear West.

A frame residence, 28.5 x 30.5 ft., the S. E. Cor. of which bears N. 43°-15' E. 333.3 ft. from Cor. No. 2; the long sides bear North.



Fraction Mill Site.

A concrete septic tank, 13 x 34 ft., 7 ft. high, the N. W. Cor. of which bears S. 03°-24' E. 100.7 ft. from Cor. No. 4; the long sides bear S. 40° W.

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OTHER CORNER DESCRIPTIONS AND REPORT ON LINES OF ADJOINING AND CONFLICTING CLAIMS.

Surs. Nos. 2479 and 2860 Safety and Security lodes: These claims are included, as indicated by the survey numbers, in two lode surveys, the corners having the same numbers under both surveys. Cor. No. 3 of the Safety lode is a 4 x 4 post properly set and marked and Cors. Nos. 1, 2 and 4 were marked by 4 x 4 posts which I removed as reported herein. There is a nominal disagreement between the lines of the Safety lode as reported herein and as they are approved in Surs. Nos. 2479 and 2860. Cors. Nos. 3 and 4 of the Security lode have been obliterated; Cor. No. 5 was a 4 x 4 post which I removed as reported herein. I assumed Cor. No. 4 of the Security lode to be on line 2-3 of the Safety lode at the record distance of 378.6 ft. from Cor. No. 2, and determined the bearing of line 3-4 from the record angle at Cor. No. 4.

Sur. No. 2860 Sunnyside, Caledonia and Wedge lodes: Cors. Nos. 2 and 3 of the Caledonia lode and Cor. No. 2 of the Sunnyside lode were 4 x 4 posts which I removed as reported herein. Cor. No. 3 of the Sunnyside lode and the bearing rock set for it are now buried under a mine dump. I located a point for this Cor. from the approved course and distance to it from Cor. No. 2 Sur. No. 2997 Oversight No. 7 lode. I find the bearing of line 2-3 of the Sunnyside lode to be N. 00°-53' E. as approved. I find line 2-3 of the Caledonia lode to be N. 14°-03' W. 1500.0 ft., instead of N. 14°-02' W. 1500.0 ft., as approved. Cors. Nos. 1 and 3 of the Wedge lode have been obliterated; the post at Cor. No. 4 has rotted off, but I find the center of the remaining stump to be at its record course and distance from Cor. No. 2 of the Safety lode; line 4-1 is shown as approved.

Windsor lode, Lot No. 37: The N. E. and N. W. Cors. were 4 x 4 posts which I removed as reported herein. I find the N. W. end line to be N. 81°-36'-30" E. 594.7 ft., instead of N. 81°-30' E. 600 ft., as approved.

Addition To The Superior Townsite: Cors. Nos. 5, 6 and 8 were found to be marked by the 4 x 4 posts and the 1 in. iron posts with brass caps as described in the official survey; Cor. No. 7 was marked by the concrete base described in the official survey, the 4 x 4 post and iron post having been removed. All of these corners were reestablished as reported herein. Line 5-6 was found to be N. 14°-05'-30" W. 686.7 ft., instead of N. 14°-06' W. 10.41 chs., as approved; line 6-7 was found to be S. 77°-19' W. 1500.95 ft., instead of S. 77°-18' W. 22.76 chs., as approved; line 7-8 was found to be N. 14°-14' W. 175.2 ft., instead of N. 14°-10' W. 2.64 chs., as approved.

Sur. No. 3144 Monarch Mill Site: Cor. No. 3 is a 4 x 4 pine post properly set and marked. The pine post at Cor. No. 4 was found to be rotted off. This corner was reestablished, as reported herein. I find the bearing of line 3-4 to be S. 13°-57' E., instead of S. 13°-58' E., as approved.



Sur. No. 4092 Overlook lode: Cors. Nos. 1, 2, 4 and 5 are all standard 2 in. iron pipes, with brass caps, properly set and marked. I find lines 1-2 and 5-1 and the bearing of line 4-5 correct as approved. There is a nominal disagreement between the tie to the quarter corner between sections 35 and 36 from Cor. No. 1, as computed through the lines of this survey, and as approved.

NO Sur. No. 2930 A. Sacramento and San Francisco lodes: Cors. Nos. 1 and 6 of the Sacramento lode and Cors. Nos. 1 and 2 of the San Francisco lode were found to be 4 x 4 posts properly set and marked. Cor. No. 1 of the Sacramento lode was reestablished as reported herein. I find the bearing of line 6-1 of the Sacramento lode to be S. 12°-40' E. instead of S. 12°-42' E., as approved; the bearing of line 1-2 of the San Francisco lode was found to be S. 89°-19'-30" W., instead of S. 89°-18' W., as approved. I find the distance along line 1-2 of the San Francisco lode, from Cor. No. 2 of the Queen Annex Mill Site Sur. No. 2930 B, to the intersection of line 6-1 of the Sacramento lode to be 212.85 ft. instead of 200.30 ft., as approved.

Sur. No. 2930 B Queen Annex-Mill Site: Cors. Nos. 2, 3 and 4 were found to be 4 x 4 posts properly set and marked. Cors. Nos. 2 and 4 were reestablished, as reported herein. Cor. No. 1 was found to have been obliterated, and there being no local bearing objects available from which to restore it, I reestablished it in the position reported herein from Cors. Nos. 2 and 4. I find line 1-2 to be N. 00°-44'-30" E., 380.1 ft., instead of N. 00°-43' E. 380.0 ft., as approved; line 4-1 is S. 89°-19'-30" W. 572.95 ft., instead of S. 89°-18' W. 573.2 ft., as approved. I find the bearing of line 3-4, which coincides for its entire length with line 1-2 of the Sunnyside lode Sur. No. 2860, to be S. 00°-53' W., instead of S. 00°-43' W., as approved. The bearing of line 1-2 of said Sunnyside lode is correct as approved, ~~S. 0°-53' W.~~ ~~S. 0°-53' W.~~

There is no material disagreement between any of the lines of the several mill sites, as reported herein, and the corresponding lines as described in the location notices.



# FINAL OATHS FOR SURVEYS

## LIST OF NAMES

A list of the names of the individuals employed by Edwin T. Stewart

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the ~~mining~~ claim of

Magma Copper Company,  
Irene, Silver Tip, Surpriser No. 2, Silver And Copper Pocket,  
known as the Oakland, Square Deal, Overlook, Horse Shoe and Fraction Mill Sites  
and showing the respective capacities in which they acted.

- C. A. Pennington, Chainman.
- ....., Chainman.
- ....., Axman.
- ....., Flagman.

## FINAL OATHS OF ASSISTANTS

We, I. C. A. Pennington,

and ..... do solemnly swear that ~~we~~ I assisted

Edwin T. Stewart, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the ~~mining~~ claim of Magma Copper Company

Irene, Silver Tip, Surpriser No. 2, Silver And Copper Pocket,  
known as the Oakland, Square Deal, Overlook, Horse Shoe and Fraction Mill Sites,

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the Office Cadastral Engineer, at Phoenix, Arizona.

- C. A. Pennington, Chainman.
- ....., Chainman.
- ....., Axman.
- ....., Flagman

Subscribed and sworn to by the above-named persons before me this 17th

day of March, 19 32.

My commission expires  
November 11, 1932.

W. L. Harrison

Notary Public, Gila  
County, Arizona.



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated December 11, 1931, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of MAGMA COPPER COMPANY, known as the Irene, Silver Tip, Surpriser No. 2, Silver And Copper Pocket, Oakland, Square Deal, Overlook, Horse Shoe and Fraction Mill Sites, situate in Pioneer Mining District, Pinal County, Arizona, in Section 35, Township No. 1 S., Range No. 12 E., and designated as Survey No. 4152, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Office Cadastral Engineer with said instructions, and that all corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or grantors are as therein fully stated, and that the character, extent, location, and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me M.L.Harrison, a notary public
this 17th
day of March, 1932

My commission expires Nov. 11, 1932
M. L. Harrison
Notary Public, Gila
County, Arizona.



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona,

May 17, 1932

I, Office Cadastral Engineer at Phoenix, Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the

Mining Claim of

Magma Copper Company

known as the IRENE, SILVER TIP, SURPRISER NO. 2, SILVER AND COPPER POCKET, OAKLAND, SQUARE DEAL, OVERLOOK, HORSE SHOE, and FRACTION Mill Sites

situate in Pioneer mining district,

Pinal County, Arizona

in Section 35, Township No. 1 S., Range No. 12 E.

designated as Survey No. 4152

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, December 11 - 23, 1931, under my instructions dated

December 11, 1931, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Office Cadastral Engineer.



OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

Department of the Interior

PUBLIC SURVEY OFFICE

Phoenix, Arizona,

May 17, 1932

I, Office Cadastral Engineer, at Phoenix, Arizona,

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Magma Copper Company

known as the IRENE, SILVER TIP, SURPRISE NO. 2, SILVER AND COPPER POCKET, OAKLAND, SQUARE DEAL, OVERLOOK, HORSE SHOE, and FRACTION Mill Sites situate in Pioneer

Mining District Pinal County Arizona

in Section 35, Township No. 1 S., Range No. 12 E., and

designated as Survey No. 4152, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

I further certify that ~~Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant~~ or grantors, and that said improvements consist of

[Redacted area with diagonal line]

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona, is correct and in conformity with the foregoing Field Notes.

John D. Adams

Office Cadastral Engineer.



MINERAL SURVEY No. 4152

ARIZONA Land District

ADDITIONAL

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

MAGMA COPPER COMPANY

KNOWN AS THE

IRENE, SILVER TIP, SURPRISE No. 2, SILVER AND COPPER POCKET, OAKLAND, SQUARE DEAL, OVERLOOK, HORSE SHOE and FRACTION MILL SITES

PIONEER Mining District,

PINAL County, ARIZONA

Section 35, Township 1 S., Range 12 E.

Surveyed under instructions dated December 11, 1931.

By Edwin T. Stewart  
U. S. Mineral Surveyor.

Claim located See location notices, 19    

Survey commenced December 11, 1931

Survey completed December 23, 1931

Address of claimant's Attorney, Rice and Mathews,  
Globe, Arizona, Box 893

DATES OF AMENDED LOCATIONS

See Location Notices.





Feet

IRENE MILL SITE

Beginning at point for Cor. No. 1 of the Irene Mill Site (W.C. 42.2 ft. S. 14°03' E.) from which the quarter section corner of Sections 35 and 36, T. 1 S., R. 12 E., G. & S. R. B. & M., Arizona, bears S. 64°13' E. 678.4 ft. distant.

Thence S. 81°36'30" W.

596.15 Cor. No. 2

Thence N. 13°57' W.

494.56 Intersect the common boundary of Lots 6 and 7 of said Section 35 at 142.55 ft. south from the corner of said lots on line 1-2 of San Francisco lode claim of Mineral Survey No. 2930A

548.65 Cor. No. 3

Thence S. 77°17'30" W.

75.95 Cor. No. 4

Thence N. 12°40' W.

106.10 Cor. No. 5

Thence N. 89°19'30" E.

110.83 Point for corner of Lots 6 and 7 on line 1-2 of San Francisco claim, Mineral Survey No. 2930A.

212.85 Cor. No. 6

Thence S. 0°44'30" W.

380.10 Point for Cor. No. 7 (W.C. 14 ft. S. 0°44'30" W.).

Thence N. 89°19'30" E.

572.95 Cor. No. 8

Thence S. 0° 53' W.

6.50 Cor. No. 9

Thence S. 14°03' E.

161.80 Point for Cor. No. 1 and place of beginning.

SQUARE DEAL MILL SITE

Beginning at Cor. No. 1 of the Square Deal Mill Site, from which the quarter section cor. of Sections 35 and 36, T. 1 S., R. 12 E., G. & S. R. B. & M., Arizona, bears N. 68°38'30" E., 1226.80 ft. distant.

Thence S. 77°19' W.

181.81 Point for corner of Lots 6 and 7 of said Section 35 on line 6-7 of Addition To Superior Townsite

342.65 Cor. No. 2

Thence N. 14°02' W.

600.60 Cor. No. 3

Thence N. 77°20' E.



310.11 Intersect the common boundary of Lots 6 and 7 of said Section 35 at 615.36 ft. N. from the cor. of said lots on the line 6-7 of Addition To Superior Townsite

342.65 Cor. No. 4

Thence S. 14°02' E.

600.50 Cor. No. 1 and place of beginning.

AREAS

	Acres
Total Area, Irene Mill Site	3.792
Area in conflict with ---	
Safety lode Surs. Nos. 2479 and 2860	2.198
Lot 6, Sec. 35, T. 1 S., R. 12 E.	0.230
Total Area, Silver Tip Mill Site	4.994
Area in conflict with ---	
Safety lode Surs. Nos. 2479 and 2860	4.994
Total Area, Surpriser No. 2 Mill Site	4.994
Area in conflict with ---	
Safety lode Surs. Nos. 2479 and 2860	4.994
Total Area, Silver and Copper Pocket Mill Site	4.994
Area in conflict with ---	
Safety lode Surs. Nos. 2479 and 2860	4.994
Total Area, Oakland Mill Site	4.738
Area in conflict with ---	
Safety lode Surs. Nos. 2479 and 2860	3.200
Security lode Surs. Nos. 2479 and 2860	0.001
Sur. No. 2860 Wedge lode	0.015
Sur. No. 2860 Wedge lode, exclusive of its conflict with Safety lode, Surs. Nos. 2479 and 2860	0.000
Total Area, Square Deal Mill Site	4.723
Area in conflict with ---	
Lot 6, Sec. 35, T. 1 S., R. 12 E.	3.246
Total Area, Overlook Mill Site	4.743
Area in conflict with ---	
Lot 6, Sec. 35, T. 1 S., R. 12 E.	4.743
Total Area, Horse Shoe Mill Site	4.898
Area in conflict with ---	
Lot 6, Sec. 35, T. 1 S., R. 12 E.	4.898
Total Area, Fraction Mill Site	4.903
Area in conflict with ---	
Lot 6, Sec. 35, T. 1 S., R. 12 E.	4.903



ADDITIONAL  
CERTIFICATE OF APPROVAL OF FIELD NOTES ~~AND SURVEY~~ OF  
MINING CLAIM

DEPARTMENT OF THE INTERIOR  
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

July 10, 1934

I, Office Cadastral Engineer at Phoenix, Arizona

Additional

do hereby certify that the foregoing and hereto attached Field Notes ~~and Return~~ of the Survey of the Mining Claim of Magma Copper Company have been prepared in compliance with instructions from the Commissioner of the General Land Office dated June 30, 1934 (Phoenix 072275 "N" JMM) and that said Additional Field Notes of the IRENE and SQUARE DEAL MILL SITES;

situate in Pioneer mining district,  
Pinal County Arizona

in Section 35, Township No. 1 S., Range No. 12 E.,  
designated as Survey No. 4152

executed by Edwin T. Stewart, U. S. Mineral  
Surveyor, December 11 - 23, 1931, under my instructions dated

December 11, 1931, have been critically examined and the necessary  
Additional  
corrections and explanations made, and the said Field Notes ~~and Return~~, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is on file in this office and a true copy of said certified copy of said location certificate is included and made a part of the transcript of the field notes.

*Shuman C. Fiske*  
Acting Office Cadastral Engineer.