



United States Department of the Interior

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IN REPLY REFER TO
9183.1 (942)
M.S. #2860

BUREAU OF LAND MANAGEMENT
Arizona State Office
3022 Federal Building
Phoenix, Arizona 85025

August 2, 1971

Memorandum

To : Chief, Division of Management Services, ASO
(Att'n. Branch of Records & Data Management)

From : ^{ASSOCIATE} State Director, Arizona

Subject: Mineral Survey No. 2860

This memorandum cancels the survey of the following lode claims of Mineral Survey No. 2860:

WEDGE
QUIEN SABE
SECURITY
GIRTRUDE
SAFETY

The following notation should be made on the plat of Mineral Survey No. 2860:

"Survey of WEDGE, QUIEN SABE, SECURITY, GIRTRUDE and SAFETY lode claims canceled by State Director's memorandum dated August 2, 1971."

The plat and field notes should remain in the files. This memorandum should be made a part of the original field notes of Mineral Survey No. 2860.

By Relinquishments of Mining Claims, dated April 25, 1971 (covering the Wedge, Quien Sabe and Security) and July 22, 1971 (covering the Safety and Girtrude), the claimant, Magma Copper Company, relinquished all their right, title and interest in the above-listed lode claims.

Portions of the lands embraced by the Wedge, Quien Sabe and Security lode claims are scheduled for disposal under Forest Exchange Application A 4338. The area embraced by the Safety lode claim was surveyed and patented under M.S. #4152 and the area embraced by the Girtrude claim is within the patented area of M.S. #3495 and the patented area of the Superior Townsite.



cc: Director

JAN. 16 1911

MAR. 23 1911

4-683.

MINERAL SURVEY No. 2860

LOT No.

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Lake Superior & Arizona Mining & Smelting Co.

KNOWN AS THE Golden Eagle, Golden Eagle Extension, Gold Crown, Republic, Caledonia, Sunnyside, Wedge, Skyward, New Calumet, Red Cloud, Excelsior, Security, Safety, Quien Sabe, Square Deal and Girtrude.

Pioneer

Mining District,

Pinal

County, Arizona

in

Sections 2 and 3, Townships 35 and 36, 1 S., 2 S., Range 12 E., 12 E., (unapproved survey)

Surveyed under instructions dated October 15, 1910.

by Edwin P. Stewart, U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced October 15th, 19 10 .

Survey completed October 27th, 19 10.

6-822

Address of Claimant's Attorney:

J. E. O'Connor,

Florence, Pinal County, Arizona.

Feet. Mineral Survey No. 2860.
Sunnyside

Beginning at Cor. No.1, identical with the S.E.Cor. of the location and Cor. No.4, Caledonia lode, this survey.

A diorite stone, 6 ins. x 12 ins. x 24 ins., with cross at the exact corner, set 12 ins. in the ground, chiseled 1-S-2860, for this claim, with mound of stone alongside, whence

The S.W.Cor. of Township 1 S., R. 13.E., G.& S.R.B.& M., bears S. 58° 06' 30" E. 6412.6 ft.

A lime boulder, 3.5 x 1.5 x 1.5 ft. out of the ground, chiseled cross B.R. 2860, bears N. 25° 18' W. 11.3 ft.

Thence S. 61°46' W.

Along line 4-3, Caledonia lode, this survey.

266.50 To N.E.C. of said Caledonia lode.

283.00 To S.E.C., identical with monument of the location.

A pine post, 3.5 ft. long, 4 ins. square, with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed S.E.C.-S.-2860.

562.00 To Cor. No.2, identical with S.W.Cor. of the location,

Cor. No.3, Caledonia lode, this survey, Cor. No.4, Safety lode, this survey and as surveyed under Sur. No.2479.

A pine post, 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 4-2479-SAF, to which I add 2-2860-S, for this claim, whence

A cross on limestone in place, about which is chiseled B.R.-2479-2860, bears S. 84°39' E. 10.25 ft.

Thence N.00°53' E.

891.00 Cross wagon road, course northwest.

1480.20 To Cor. No.3, identical with N.W.Cor. of the location.
 A cross on limestone in place, about which is chiseled
 3-S-2860, with mound of stone alongside, whence
 A cross on limestone in place, about which is chiseled
 B.R.-2860, bears S.61°46' W. 7.6 ft.
 Thence N.61°46' E.

199.00 Cross wagon road, 'course north.'

232.03 Intersect line V.-VI, Irene lode, Lot 42, S.89°22' W.
 299.74 ft. from Cor. VI.

295.20 To N.E.C.; identical with monument of the location.
 A pine post, 3.5 ft. long, 4 ins. square, with nail
 driven at the exact point, set 6 ins. in the ground,
 on bed rock, with mound of stone, scribed N.E.C.-S-
 2860.

568.72 Intersect line II-VI and IV-V, respectively, of Irene
 lode, Lot 42, and Hub lode, Lot 41, N.01°08' W. 155.99
 ft. from Cors. VI and IV.

595.20 To Cor. No.4, identical with N.E.Cor. of the location.
 A cross on limestone in place, about which is chiseled
 4-S-2860, whence
 A cross on limestone in place about which is chiseled
 B.R.-2860, bears N.84°30' E. 13.45 ft.
 Thence S. 02°00' W.

168.43 Intersect line III-IV, Hub lode, Lot 41, N.89°22' E.
 14.36 ft. from Cor.IV.

1496.60 To Cor. No.1, the place of beginning.
 Caledonia
 Beginning at Cor. No.1, identical with S.E.Cor. of the
 location and Cor. No.4, Golden Eagle lode, this sur-
 vey.
 A quartzite stone 6 x 8 x 24 ins. with cross at the
 exact corner, set 12 ins. in the ground; chiseled 1-C-
 2860, for this claim, with mound of stone alongside,
 whence,

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The S.W. Cor. of T. 1 S., R. 13 E., G. & S. R. B. & M.,
bears S. 68° 55' 30" E. 5416.00 ft.

A cross on limestone in place, about which is chiseled
B.R.-2860, bears S. 49° 05' E. 14.10 ft.

Thence S. 61° 46' W.

Along line 4-3, Golden Eagle lode, this survey.

179.12 Intersect line 2-3, Republic lode, this survey, S. 18°
35' E. 1301.48 ft. from Cor. No. 3.

293.20 To S.E.C., identical with monument of the location and
N.E.C., Golden Eagle lode, this survey.

A pine post, 4 ft. long, 4 ins. square, set 18 ins. in
the ground, with mound of stone, scribed S.E.C.-C.-
2860, for this claim.

592.80 To Cor. No. 2, identical with S.W. Cor. of the location,
Cor. No. 3, Golden Eagle lode, this survey, N.E. Cor.
Windsor lode, Lot 37, Cor. No. 1, Safety lode, this
survey and as surveyed under Sur. No. 2479.

A pine post, 4 ft. long, 4 ins. square, with nail driven
at the exact corner, set 18 ins. in the ground, with
mound of stone, scribed 1-2479-SAF., to which I add
2-C-2860 for this claim.

Thence N. 14° 02' W.

Along line 1-4, Safety lode, this survey and as surveyed
under Sur. No. 2479.

1500.00 To Cor. No. 3, identical with N.W. Cor. of the location,
Cor. No. 2, Sunnyside lode, this survey and Cor. No. 4,
Safety lode, this survey, and as surveyed under Sur.
No. 2479.

Corner previously described and to which I add 3-C for
this claim.

Thence N. 61° 46' E.

Along line 2-1, Sunnyside lode, this survey.

279.00 To S.E.C., said Sunnyside lode.

295.50 To N.E.C., identical with monument of the location.
 A pine post, 3.5 ft. long, 4 ins. square, with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed N.E.C.-C-2860.

562.00 To Cor. No.4, identical with N.E.Cor. of the location and Cor. No.1, Sunnyside lode, this survey.
 Corner previously described and to which I add 4-C for this claim.

Thence S. 15°11' E.

218.26 Intersect line 3-4, Republic lode, this survey, N.71° 15' E. 252.17 ft. from Cor. No.3,

1492.70 To Cor. No.1, the place of beginning.

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Republic

Beginning at Cor. No.1, identical with the S.E.Cor. of the location.

A cross on limestone in place, about which is chiseled 1-R-2860, with mound of stone alongside, whence

The S.W.Cor. of T.1 S., R. 13 E., G.& S.R.B.& M., bears S.68° 22' 00" E. 5020.6 ft.

A cross on limestone in place about which is chiseled B.R.-2860, bears N. 87°21' W. 13.74 ft.

Thence S. 71°15' W.

264.40 To S.E.C., identical with monument of the location.
 A pine post 3.5 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed S.E.C.-R-2860.

296.39 Intersect lines 2-3 and 4-1, Skyward and Golden Eagle lodes, respectively, both of this survey, S.28°57'E. 1.00 ft. and 219.10 ft. from Cors. No.3 and 4.

512.40 To Cor. No.2, identical with S.W.Cor. of the location.
 A limestone 5 ins. x 10 ins. x 24 ins., with cross at the exact corner, set 12 ins. in the ground, scribed

2-R-2860, with mound of stone alongside.

Thence N.18° 35' W.

186.12 Intersect lines 3-4 and 1-2, respectively, of Golden Eagle and Caledonia lodes, both of this survey, S.61° 46' W. 179.12 ft. from Cors.No.4 and 1.

1487.60 To Cor. No.3, identical with N.W.Cor. of the location. A limestone 6 ins. x 9 ins. x 26 ins. with cross at the exact corner, set 14 ins. in the ground, chiseled 3-R-2860, with mound of stone alongside, whence A cross on limestone in place, about which is chiseled B.R.-2860, bears N.25°40' W. 16.95 ft.

Thence N.71°15' E.

252.17 Intersect line 4-1, Caledonia lode, this survey, N.15° 11' W. 1274.44 ft. from Cor. No.1.

261.90 To N.E.C., identical with monument of the location. A pine post, 4 ft. long, 4 ins. square, with naildriven at the exact point, set 12ins. in the ground, on bed rock, with mound of stone, scribed N.E.C.-R-2860.

518.02 Intersect line 4-1, Silver and Copper Pocket lode, Sur.No. 2144, N.08°26' W. 6.97 ft. from Cor. No.1.

530.40 To Cor. No.4, identical with N.E.Cor. of the location. A limestone 6 ins. x 9 ins. x 25 ins. with cross at the exact corner, set 12 ins. in the ground, chiseled 4-R-2860, with mound of stone alongside, whence A cross on limestone in place, about which is chiseled B.R.-2860, bears S. 58°58' W. 11.8 ft.

Thence S. 17° 53' E.

7.81 Intersect line 1-2, Silver and Copper Pocket lode, Sur.No. 2144, N. 75°18' E. 13.54 ft. from Cor. No.1.

206.60 To N.W.Cor. Shark lode, unsurveyed. Along S.W. side line of said Shark lode.

1433.55 Intersect line 3-4, Skyward lode, this survey, N.61° 06' E. 302.1 ft. from Cor. No.3.

1487.80 To Cor. No.1, the place of beginning.

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Safety

Beginning at Cor. No., identical with S.E. Cor. of the location, Cor. No. 1 of the Safety lode, as surveyed under Sur. No. 2479, Cors. Nos 2 and 3 respectively, of Caledonia and Golden Eagle lodes, both of this survey, and the N.E. Cor. Windsor lode, Lot 37.

Corner previously described and to which I add 1-SAF-2860 for this claim.

The S.W. Cor. of T.I.S., R 13 E., G. & S.R.B. & M., bears S. 73° 21' 20" E. 5819.80 ft.

U.S.M.M. No. 1, bears S. 20° 27' 50" W. 2488.0 ft.

Thence S. 81° 37' W.

Along N.W. end line, Windsor lode, Lot 37, and line 1-2, Safety lode, as surveyed under Sur. No. 2479.

297.30 To S.E.C., identical with monument of the location and S.E.C. of the Safety lode, as surveyed under Sur. No. 2479.

A mound of stone 2.5 ft. base, 2.5 ft. high.

507.87 Intersect line 4-1, Wedge lode, this survey, S. 26° 34' E. 16.26 ft. from Cor. No. 4.

594.60 To Cor No. 2, identical with S.W. Cor. of the location, Cor. No. 2, Safety lode, as surveyed under Sur. No. 2479, the N.W. Cor. Windsor lode, Lot 37, the N.E.C. Wedge lode, this survey, Cor. No. 5, Security lode, this survey and as surveyed under Sur. No. 2479.

A pine post 4 ins. square, showing 2.5 ft. above the surface of the ground, with mound of stone, scribed 5-2479-SEC., and 2-2479-SAF, to which I add 2-SAF-2860, for this claim.

Thence N. 14° 02' W.

Along line 5-4, Security lode, this survey and as surveyed under Sur. No. 2479 and line 2-3, Safety lode, as surveyed under Sur. No. 2479.

40.00 Cross wagon road, course north.

378.60 To Cor. No.4, Security lode, this survey, and as surveyed under Sur. No. 2479.

1500.00 To Cor. No.3, identical with N.W.Cor. of the location and Cor. No.3, Safety lode, as surveyed under Sur. No. 2479.

A pine post 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 3-2479-SAF and to which I add 3-2860-SAF, for this claim, whence

A dacite boulder showing 4 x 5 x 5 ft. above the ground, chiseled cross B.R.-2479-^{2860,} bears N.50° 39' E. 44.8 ft.

Thence N.81°37' E.

Along line 3-4, Safety lode, as surveyed under Sur. No. 2479.

275.00 Cross road, course north.

297.30 To N.E.C., identical with monument of the location and N.E.C. of the Safety lode, as surveyed under Sur.No.2479.

A mound of stone, 3 ft. base and 2.5 ft. high.

594.60 To Cor. No.4, identical with N.E.Cor. of the location, Cor. No.4 of the Safety lode, as surveyed under Sur. No. 2479 and Cors. No. 2 and 3 respectively, of Sunnyside and Caledonia lodes, both of this survey.

Corner previously described and to which I add 4-SAF for this claim.

Thence S.14° 02' E.

Along line 3-2, Caledonia lode, this survey and line 4-1, Safety lode, as surveyed under Sur. No. 2479.

1500.00 To Cor. No.1, the place of beginning.

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Security ~~3480~~.

Beginning at Cor. No.1, identical with S.E.Cor. of the location and Cor. No.1 of the Security lode, as surveyed under Sur. No. 2479.

A pine post, 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 1-2479-SEC, and to which I add 1-SEC-2860, for this claim, whence

The S.W. Cor. of T.1S., R. 13 E., G. & S.R.B. & M., bears S. $84^{\circ}15'10''$ E. 5691.0 ft.

U.S.M.M.No.1, bears S. $32^{\circ}24'30''$ W. 1461.8 ft.

Thence S. $88^{\circ}44'$ W.

Along line 1-2, Security lode, as surveyed under Sur. No. 2479.

129.12 Intersect line 2-3, Quien Sabe lode, this survey, S. $00^{\circ}35'$ E. 11.01 ft. from Cor. No.3.

300.00 To S.E.C., identical with monument of the location and S.E.C. of the Security lode, as surveyed under Sur. No. 2479.

A pine post 4 ft. long, 4 ins. square, with nail driven at the exact point, set 18 ins. in the ground, scribed S.E.C.-SEC-2479 and to which I add 2860 for this claim.

400.00 Cross wagon road, course north.

600.00 To Cor. No.2, identical with S.W. Cor. of the location, Cor. No.2 of the Security lode, as surveyed under Sur. No. 2479 and Cor. No.1, Doubly Site lode, Sur.No.2478.

A pine post, 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 1-2478-DS and 2-2479-SEC, to which I add 2-SEC-2860 for this claim.

Thence N. $23^{\circ}19'$ W.

Along line 1-2, Doubly site lode, Sur.No.2478 and line 2-3 of the Security lode, as surveyed under Sur. No.2479.

29.50 Intersect line 2-3, Superior lode, Sur.No.2452, S. $80^{\circ}46'$ W. 682.43 ft. from Cor. No.2.

300.00 To N.E.E.C., Doubly Site lode, Sur.No.2478.

600.00 To Cor. No.2, Doubly Site lode, Sur.No.2478.

1500.00 To Cor. No.3, identical with N.W.Cor. of the location and Cor. No.3, Security lode, as surveyed under Sur. No. 2479.

A pine post, 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 3-2479-SEC, to which I add 3-2860-SEC, for this claim.

Thence N.88°44' E.

Along line 3-4 of the Security lode, as surveyed under Sur. No. 2479.

300.00 To N.E.C., identical with monument of the location and N.E.C. of the Security lode, as surveyed under Sur. No. 2479.

A mound of stone, 2.5 ft. base and 2.5 ft. high.

600.00 To Cor. No.4, identical with N.E.Cor. of the location and Cor. No.4, of the Security lode, as surveyed under Sur. No. 2479.

On line 2-3 of the Safety lode, this survey and as surveyed under Sur. No. 2479.

A pine post 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, with mound of stone, scribed 4-2479-SEC, to which I add 4-2860-SEC for this claim, whence

S.E.Cor. of the location bears S. 23° 19' E. 1500.0 ft.

Thence S.14° 02' E.

Along line 3-2, Safety lode, this survey, and as surveyed under Sur. No. 2479.

378.60 To Cor. No.5, identical with Cor. No.2 of the Safety lode, this survey and as surveyed under Sur. No. 2479, the N.W.Cor. of the Windsor lode, Lot 37, and N.E.C. Wedge lode, this survey.

Corner previously described and to which I add 5-2860-SEC for this claim.

Cor. No.3, Wedge lode, this survey, bears S.70°54' W. 116.0 ft.

Thence S. 26° 25' E.

Along line 5-1, Security lode, as surveyed under Sur. No. 2479.

1011.02 Intersect line 2-3, Superior lode, Sur. No. 2452, S.80° 46' W. 115.59 ft. from Cor. No.2.

1077.60 Intersect lines 1-2 and 3-4, respectively, of the Wedge and Quien Sabe lodes, both of this survey, N.70°54' E. 113.0 ft. from Cors. Nos 2 and 3.

1128.00 To Cor. No.1, the place of beginning.

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Wedge

Beginning at Cor. No.1, identical with S.E.Cor. of the location and N.E.C. of the Quien Sabe lode, this survey .

At the intersection of the S.W. side line of the Windsor lode, Lot 37, with line 1-2, Superior lode, Sur.No. 2452, being S. 30°54' E. 1091.9 ft. from the N.W.Cor. of said Windsor lode, S. 30°54' E. 52.60 ft. from the intersection of said S.W. side line, Windsor lode, Lot 37, with line 2-3, Superior,lode, SurNo2452, and S.03° 29' W. 50.10 ft. from Cor. No.2 of said Superior lode.

A pine post 5 ft. long, 4 ins. square, with nail driven at the exact porner, set 18 ins. in the ground, with mound of stone, scribed 1-W-2860 for this claim, whence

The S.W.Cor. of T.1 S., R.13 E., G.& S.R.B.& M., bears S. 83° 27' 00" E. 5640.3 ft.

Thence S. 70°54' W.

Along line 4-3, Quien Sabe lode, this survey.

83.10 To S.E.C., identical with monument of the location.

A mound of stone, 3 ft. base, 3 ft. high.

86.10 Intersect line 5-1, Security lode, this survey and as surveyed under Sur. No. 2479, S.26°25' E. 1077.60 ft.

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- from Cor. No.5, and S. $26^{\circ}25'$ E. 66.58 ft. from the intersection of said line 5-1, Security lode, with line 2-3, Superior lode, Sur. No 2452.
- 199.10 To Cor. No.2, identical with S.W.Cor. of the location and Cor. No.3, Quien Sabe lode, this survey.
- A limestone 24 ins. long x 6 ins. x 10 ins., with cross at the exact corner, set 12 ins. in the ground, scribed 2-W-2860, for this claim, with mound of stone alongside.
- Thence N. $36^{\circ}34'$ W.
- 86.95 Intersect line 2-3, Superior lode, Sur. No. 2452, S. $80^{\circ}46'$ W. 233.09 ft. from Cor. No.2 and S. $80^{\circ}46'$ W. 117.50 ft. from the intersection of said line 2-3, Superior lode, with line 5-1, Security lode, this survey, and as surveyed under Sur. No. 2479.
- 860.00 Cross wagon road, course north.
- 1078.00 To Cor. No.3, identical with N.W.Cor. of the location. A pine post 4.5 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, scribed 3-W-2860.
- Thence N. $70^{\circ}54'$ E.
- 106.00 Cross road, course north.
- 116.00 To N.E.C., identical with monument of the location, Cor. No.3, Safety lode, this survey and as surveyed under Sur. No. 2479, N.E.Cor. Windsor lode, Lot 37, and Cor. No.5, Security lode, this survey and as surveyed under Sur. No. 2479.
- 199.10 Previously described, to which I add N.E.C.-W, for this claim. To Cor. No.4, identical, with N.E.Cor. of the location.
- A pine post, 4 ft. long, 4 ins. square, with nail driven at the exact corner, set 18 ins. in the ground, scribed 4-W-2860.
- Thence S. $26^{\circ}34'$ E.
- 16.26 Intersect line 1-2, Safety lode, this survey and as

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- surveyed under Sur. No. 2479 and the N.W. end line Windsor lode, Lot 37, N. $81^{\circ}37'$ E. 86.73 ft. from Cor. No. 2 and N.W. Cor. respectively.
- 1026.79 Intersect line 2-3, Superior lode, Sur. No. 2452, S. $80^{\circ}46'$ W. 26.38 ft. from Cor. No. 2 and N. $80^{\circ}46'$ E. 4.16 ft. from the intersection of said line 2-3, Superior lode, with the S.W. side line, Windsor lode, Lot 37.
- 1078.00 To Cor. No. 1, the place of beginning.

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Quien Sabe

Beginning at Cor. No. 1, identical with original position of S.E. Cor. of the location.

Not set on account of falling in the bed of Queen Creek, where permanent corner could not be maintained. Course of creek southwest.

On N.E. End line Supriser No. 2 lode, Lot 38, S. $70^{\circ}54'$ W. 308.98 ft. from N.E. Cor.

The S.W. Cor. of T. 1 S., R. 13 E., G. & S. R. B. & M., bears S. $87^{\circ}38'30''$ E. 5370.80 ft.

Witness corner for Cor. No. 1 bears N. $19^{\circ}09'$ W. 37.7 ft.

Thence S. $70^{\circ}54'$ W.

Along N.E. end line, Supriser No. 2 lode, Lot 38.

- 52.22 Intersect line 2-3, Gold Crown lode, this survey, S. $19^{\circ}12'$ E. 70.25 ft. from Cor. No. 3.
- 145.60 To S.E. C., identical with monument of the location. A mound of stone, 3 ft. base, 3 ft. high.
- 284.22 Intersect line 1-3, Superior lode, Sur. No. 2452, N. $03^{\circ}29'$ E. 33.2 ft. from Cor. No. 1.
- 288.02 To N.W. Cor. Supriser No. 2 lode, Lot 38, and Cor. No. 1, Square Deal lode, this survey.
- Along line 1-4, Square Deal lode, this survey.
- 444.70 To Cor. No. 2, identical with original position of S.W. Cor. of the location.

Not set on account of falling in the bed of Queen Creek where a permanent corner could not be maintained.

Course of creek southwest.

Witness corner bears N.00° 35' W. 6.5 ft.

Thence N. 00° 35' W.

6.50 To Witness Cor. for Cor. No.2.

A dacite boulder showing 10 x 13 x 8 ft. above the surface of the ground, chiseled cross WC-3-Q.S.-3860.

280.00 Cross wagon road, course west.

491.79 Intersect line 1-2, Security lode, this survey, and as surveyed under Sur. No. 2479, S. 88° 44' W. 129.12 ft.

from Cor. No.1.

502.80 To Cor. No.3, identical with N.W.Cor. of the location and Cor. No.3, Wedge lode, this survey.

Corner previously described and to which I add 3-Q.S. for this claim.

Thence N. 70°54' E.

Along line 2-1, Wedge lode, this survey.

113.00 Intersect line 5-1, Security lode, this survey, and as surveyed under Sur. No. 2479, N. 36°25' W. 50.40 ft. from Cor. No.1.

116.00 To S.E.C., Wedge lode, this survey.

199.10 To N.E.C., identical with monument of the location, and

Cor. No.1, Wedge lode, this survey.

Previously described, to which I add N.E.C.-Q.S. for this claim. At the intersection of line 1-2, Superior lode, Sur.No.

2452, with S.W. side line Windsor lode, Lot 37, being

N.03° 29' E. 549.56 ft. from Cor. No.1 of said Superior lode and N.30° 54' W. 420.00 ft. from S.W. Cor. of said Windsor lode.

284.60 To Cor. No. 4, identical with N.E.Cor. of the location.

A limestone 24 ins. long x 7 x 12 ins. with cross at the exact corner, set 12 ins. in the ground, chiseled 4-Q.S.-3860, with mound of stone alongside.

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- Thence S. 19° 09' E.
- 335.00 Cross wagon road, course west.
- 411.16 To S.W.Cor. Windsor lode, Lot 37, and intersect line 3-4, Gold Crown lode, this survey, N. 76° 07' E. 52.50 ft. from Cor. No.3.
- 439.10 To Witness Cor. for Cor. No.1.
A dacite boulder 3.5 x 6 x 2.5 ft., chiseled cross WC-1 Q.S.-2860.
- 476.80 To Cor. No.1, the place of beginning.
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Golden Eagle lode.
Beginning at Cor. No.1, identical with S.E.Cor. of the location, Cor. No.2, Skyward lode and Cor. No.4, Golden Eagle Extension lode, both of this survey.
A limestone 30 ins. long x 9 x 7 ins. with cross at the exact corner, set 15 ins. in the ground, chiseled 1-G.E.-2860, for this claim, with mound of stone alongside, whence
The S.W.Cor. of T.1 S., R. 13 E., G.& S.R.B.& M., bears S.81°04'30" E. 4408.2 ft.
Thence S. 61°46' W.
Along line 4-3, Golden Eagle Extension lode, this survey.
- 285.90 To S.E.C., identical with monument of the location and N.E.C., Golden Eagle Extension lode, this survey.
A pine post 4 ft. long, 4 ins. square, with nail driven at the exact point, set 18 ins. in the ground, with mound of stone, scribed S.E.C.-G.E.-2860 for this claim.
- 554.24 Intersect N.E.Side line, Windsor lode, Lot 37, S.30° 29' E. 1445.00 ft. from N.E.Cor.
- 569.90 To Cor. No.2, identical with S.W.Cor. of the location, Cor. No.3, Golden Eagle Extension lode and Cor. No.4, Gold Crown lode, both of this survey.

- A dacite stone 24 ins. long x 6 x 9 ins. with cross at the exact corner, set 12 ins. in the ground, chiseled 2-G.E.-2860, for this claim, with mound of stone alongside.
- Thence N. 29°52' W.
- 1444.40 To Cor. No.3, identical with N.W.Cor. of the location, N.E.Cor. Windsor lode, Lot 37, Cor. No.2, Caledonia lode, this survey and Cor. No.1, Safety lode, this survey and as surveyed under Sur. No. 2479. Corner previously described and to which I add 3-G.E. for this claim.
- Thence N.61°46' E.
- Along line 2-1, Caledonia lode, this survey.
- 299.60 To N.E.C., identical with monument of the location and S.E.C., Caledonia lode, this survey. Point previously described and to which I add N.E.C.-G.E. for this claim.
- 413.68 Intersect line 2-3, Republic lode, this survey, N.18° 35' W. 186.12 ft. from Cor. No.2.
- 592.80 To Cor. No.4, identical with N.E.Cor. of the location and Cor. No.1, Caledonia lode, this survey. Corner previously described and to which I add 4-G.E. for this claim.
- Thence S. 28°57' E.
- 218.10 To Cor. No.3, Skyward lode, this survey. Along line 3-2, of said Skyward lode.
- 219.10 Intersect line 1-3, Republic lode, this survey, N.71° 15' E. 216.01 ft. from Cor. No.2.
- 1443.90 To Cor. No.1, the place of beginning.
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- Skyward lode.
- Beginning at Cor. No.1, identical with original position of monument of the location.

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Not set on account of falling in the bed of Queen Creek, where a permanent corner could not be maintained. Course of creek south.

The S.W. Cor. of T.1 S., R.13 E., G. & S.R.B. & M., bears S. 75°44' 10" E. 3951.7 ft.

Witness corner for Cor. No.1 bears S. 61° 06' W. 85.1 ft.

A dacite stone, 10 ins. x 15 ins. x 18 ins. out of the ground, chiseled cross B.R.-1 S.-2860, bears N.58° 22' E. 29.3 ft.

A Ardacite boulder 1x3x5ft. out of the ground, chiseled cross B.R.-2860, bears N.50°22' E. 34.8 ft.

Thence S. 61°06' W.

85.10 To Witness corner.

A cross on limestone in place about which is chiseled W.C.-1 S-2860.

300.00 To S.E.C., identical with monument of the location.

A mound of stone 2.5 ft. base, 2.5 ft. high.

599.60 To Cor. No.2, identical with S.W. Cor. of the location, Cor. No.4, Golden Eagle Extension lode, and Cor. No.1 Golden Eagle lode, both of this survey.

On line 2-3, New Calumet lode, this survey, S.15°22' E. 380.30 ft. from Cor. No.3.

Corner previously described and to which I add 2-S for this claim.

Thence N.28° 57' W.

Along line 1-4, Golden Eagle lode, this survey.

1224.80 Intersect line 1-2, Republic lode, this survey, S. 71° 15' W. 296.39 ft. from Cor. No.1.

1225.80 To Cor. No.3, identical with N.W. Cor. of the location.

A cross on limestone in place, about which is chiseled 3-S-2860, with mound of stone alongside, whence A cross on limestone in place about which is chiseled B.R.-2860 bears S. 22°57' E., 7 ft.

Thence N. 61° 06' E.

299.6 To N.E.C., identical with monument of the location.

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- A mound of stone, 3 ft. base, 3 ft. high.
- 302.10 Intersect line 4-1, Republic lode, this survey and S.W. side line Shark lode, unsurveyed, at N.17°53' W. 54.25 ft. from Cor. No.1 of said Republic lode, and 272.90 ft. from S.W. Cor. of said Shark lode.
- 599.60 To Cor. No.4, identical with N.E. Cor. of the location. A limestone 26 ins. long x 6 x 9 ins. with cross at the exact corner, set 14 ins. in the ground, chiseled 4-S-2860, with mound of stone alongside, whence A cross on limestone in place, about which is chiseled B.R.-2860, bears S.10° 27' W. 6.6 ft.
- Thence S. 28°57' E.
- 286.61 Intersect S.E. End line Shark lode, unsurveyed, N.64°10' E. 350.41 ft. from S.W. Cor.
- 709.30 Intersect line 3-4, New Calumet lode, this survey, N. 45°03' E. 530.86 ft. from Cor. No.3.
- 1225.80 To Cor. No.1, the place of beginning.

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New Calumet

- Beginning at Cor. No.1, identical with S.E. Cor. of the location and Cor. No.4, Excelsior lode, this survey.
- A limestone 24 ins. long x 7 x 6 ins. with cross at the exact corner, chiseled 1-N.C.-2860 for this claim.
- The S.W. Cor. of T.1 S., R.13 E., G. & S.R.B. & M., bears S.64°41'10" E. 3580.00 ft.
- Thence S.45° 03' W.
- Along line 4-3, Excelsior lode, this survey.
- 830.00 Cross bed of Queen Creek, course south.
- 1498.30 To Cor. No.2, identical with S.W. Cor. of the location and Cor. No.3, Excelsior lode, this survey.
- On line 4-1, Golden Eagle Extension lode, this survey. A limestone 36 ins. long x 6 x 8 ins. with cross at the exact corner, set 18 ins. in the ground, chiseled

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2-N.C.-2860 for this claim, with mound of stone
alongside, whence

A dacite boulder 1 x 2 x 3.5 ft. out of the ground,
chiseled cross B.R.-2860 bears N.28°14' E. 14.0 ft.

Thence N.15°22' W.

Along line 1-4, Golden Eagle Extension lode, this survey.

219.70 To Cor. No.4 of said Golden Eagle Extension lode, Cor.
No.1, Golden Eagle lode and Cor. No.2, Skyward lode,
all of this survey, from which Cor. No.1 of said Sky-
ward lode, bears N.61°06' E. 599.6 ft.

269.00 To S.W.E.C., identical with monument of the location.
A mound of stone 2.5 ft. base, 2.5 ft. high.

600.00 To Cor. No.3, identical with N.W.Cor. of the location.
A cross on limestone in place, about which is chiseled
3-N.C.-2860 with mound of stone alongside.

Thence N. 45°03' E.

530.86 Intersect line 4-1, Skyward lode, this survey, N.28°
57' W. 516.50 ft. from Cor. No.1.

600.00 Cross bed of Queen Creek, course south.

771.82 Intersect S. side line Monarch lode, unsurveyed, N.85°
13' E. 240.3 ft. from S.W.Cor. and S. 85° 13' W.
713.81 ft. from S.E.Cor.

1498.30 To Cor. No.4, identical with N.E.Cor. of the location.
A limestone 24 ins. long x 6 x 9 ins. with cross at the
exact corner, set 12 ins. in the ground, chiseled
4-N.C.-2860, with mound of stone alongside.

Thence S.15°22' E.

331.00 To N.E.E.C., identical with monument of the location.
A mound of stone, 2.5 ft. base, 3 ft. high.

476.70 Intersect S. side line Monarch lode, unsurveyed, S.85°
13' W. 71.1 ft. from S.E.Cor.

600.00 To Cor. No.1, the place of beginning.

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Excelsior lode.

Beginning at Cor. No.1, identical with S.E.Cor. of the location and Cor. No.4, Red Cloud lode, this survey.

A limestone 30 ins. long x 9 x 18 ins. with cross at the exact corner, set 15 ins. in the ground, chiseled 1-Ex.-2860, for this claim, with mound of stone alongside.

The S.W.Cor. of T.1 S., R.13 E., G.& S.R.B.& M., bears S. 72°-48'30"- E. 3221.1 ft.

Thence S. 45°-03' W.

Along line 4-3, Red Cloud lode, this survey.

1498.30 To Cor. No.2, identical with S.W.Cor. of the location and Cor. No.3, Red Cloud lode, this survey.

On line 4-1, Golden Eagle Extension lode, this survey.

A limestone 26 ins. long x 6 x 9 ins. with cross at the exact corner, set 14 ins. in the ground, chiseled 2-E-2860, for this claim, with mound of stone alongside, whence

A cross on limestone in place, about which is chiseled

B.R.-2860 bears S. 62° 15' E. 13.60 ft.

Thence N.15° 22' W.

Along line 1-4, Golden Eagle Extension lode, this survey.

300.00 To S.W.E.C., identical with monument of the location.

A pine post 4 ft. long, 4 ins. sq., with nail driven at the exact point, set on bed rock, in mound of stone, scribed S.W.E.C.-E.-2860.

565.00 Cross bed of Queen Creek, course southwest.

600.00 To Cor. No.3, identical with N.W.Cor. of the location and Cor. No.2, New Calumet lode, this survey.

Corner previously described and to which I add 3-E for this claim.

Thence N.45° 03' E.

Along line 2-1, New Calumet lode, this survey.

1498.30 To Cor.No.4, identical with N.E.Cor. of the location

and Cor. No.1, New Calumet lode, this survey.

Corner previously described and to which I add 4-E for this claim.

Thence S. 15° 22' E.

300.00 To N.E.E.C., identical with monument of the location.
A cross on limestone in place, about which is chiseled
N.E.E.C.-E.-2860, with mound of stone alongside.

600.00 To Cor. No.1, the place of beginning.

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Red Cloud lode.

Beginning at Cor. No.1, identical with S.E.Cor. of the location.

A limestone 25 ins. long x 6 x 10 ins. with cross at the exact corner, set 13 ins. in the ground, scribed 1-R.C.-2860, with mound of stone alongside, whence

The S.W.Cor. of T.1 S., R.13 E., G.& S.R.B.& M., bears S.82° 42' 20" E. 2942.00 ft.

Thence S. 45° 03' W.

1498.30 To Cor. No.2, identical with S.W.Cor. of the location.

A limestone 24 ins. long x 6 x 10 ins. with cross at the exact corner, set 12 ins. in the ground, scribed 2 - R.C.-2860, with mound of stone alongside, whence

The S. Quarter Cor. of Sec. 35, T.1 S., R. 12 E., G.& S.R. B.& M., an unapproved survey, bears N.62° 23' E. 1501.1 ft.

Thence N.15° 22' W.

135.00 To Cor. No.1, Golden Eagle Extension lode, this survey.
Along line 1-4, said Golden Eagle Extension lode.

300.00 To S.W.E.C., identical with monument of the location.
A pine post 4 ft.long, 4 ins. sq., with nail driven at the exact point, set on bed rock, in mound of stone, scribed S.W.E.C.-R.C.-2860.

600.00 To Cor. No.3, identical with N.W.Cor. of the location and Cor. No.2, Excelsior lode, this survey.

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- Corner previously described and to which I add 3-R.C.
for this claim.
- Thence N. 45° 03' E.
- Along line 3-1, Excelsior lode, this survey.
- 1498.30 To Cor. No.4, identical with N.E.Cor. of the location
and Cor. No.1, Excelsior lode, this survey.
Corner previously described and to which I add 4-R.C.
for this claim.
- Thence S. 15° 22' E.
- 300.00 To N.E.E.C., identical with monument of the location.
A pine post 4 ft. long, 4 ins. square, with nail driven
at the exact point, set on bed rock, in mound of
stone, scribed N.E.E.C.-R.C.-2860.
- 600.00 To Cor. No.1, the place of beginning.
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- Golden Eagle Extension
- Beginning at Cor. No.1, identical with S.E.Cor. of the
location.
- On line 2-3, Red Cloud lode, this survey, N.15° 22' W.
135.00 ft. from Cor. No.2.
- A cross on limestone in place, about which is chiseled
1-2860-G.E.E. with mound of stone alongside, whence
The S.W.Cor. of T.1 S., R.13 E., G. & S.R.B. & M. bears
N.82° 07' 50" E. 4052.60 ft.
- A cross on limestone in place, about which is chiseled
B.R.-2860, bears S.03°02' W. 28.7 ft.
- Thence S. 61° 46' W.
- 274.70 To S.E.C., identical with monument of the location.
A pine post, 3.5 ft. long, 4 ins. square, with nail
driven at the exact point, set 18 ins. in the ground,
with mound of stone, scribed S.E.C.-G.E.E.-2860.
- 545.60 To Cor. No.2, identical with S.W.Cor. of the location
and N.E.Cor. Gold Crown No.3 lode, unsurveyed.

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- On line 4-1, Gold Crown lode, this survey, N.16°26' W.
33.00 ft. from Cor. No.1.
- A limestone 24 ins. long x 6x 10 ins. with cross at
the exact corner, chiseled 2-G.E.E.-2860, with mound
of stone alongside.
- Thence N.16°26' W.
- Along line 1-4, Gold Crown lode, this survey.
- 1233.18 Intersect S.E.end line Windsor lode, Lot 37, S.80°56'W.
38.89 ft. from S.E.Cor.
- 1240.00 Cross bed of Queen Creek, course southwest.
- 1279.50 To Cor. No.3, identical with N.W.Cor. of the location,
Cor. No.4, Gold Crown lode and Cor. No.3, Golden
Eagle lode, both of this survey.
- Corner previously described and to which I add 3-G.E.E.
for this claim.
- Thence N.61° 46' E.
- Along line 2-1, Golden Eagle lode, this survey.
- 15.66 Intersect N.E.side line, Windsor lode, Lot 37, N.30°
29' W. 54.87 ft. from S.E.Cor.
- 284.00 To N.E.C., identical with monument of the location and
S.E.C., Golden Eagle lode, this survey.
- Point previously described and to which I add N.E.C.-G.E.
E. for this claim.
- 569.90 To Cor. No.4, identical with N.E.Cor. of the location,
Cor. No.1, Golden Eagle lode, and Cor. No.3, Skyward
lode, both of this survey.
- On line 3-2, New Calumet lode, this survey.
- Corner previously described and to which I add 4-G.E.E.
for this claim.
- Thence S.15°22' E.
- Along line 3-2, New Calumet lode, this survey.
- 219.70 To Cor. No.2, said New Calumet lode, and Cor. No.3,
Excelsior lode, this survey.

Along line 3-2, said Excelsior lode.
 519.70 To S.W.E.C. of said Excelsior lode.
 819.70 To Cor. No.2 of said Excelsior lode and Cor. No.3, Red
 Cloud lode, this survey.
 Along line 3-2, of said Red Cloud lode.
 1119.70 To S.W.E.C., said Red Cloud lode.
 1284.70 To Cor. No.1, the place of beginning.

Gold Crown

Beginning at Cor. No.1, identical with S.E. Cor. of the
 location:
 On N.E. side line Gold Crown No.2 lode, unsurveyed.
 A limestone 24 ins. long x 7 x 7 ins. with cross at
 the exact corner, set 15 ins. in the ground, scribed
 1-G.C.-2860, with mound of stone alongside, whence
 The S.W. Cor. of T.1 S., R.13 E., G. & S.R.B. & M. bears
 N.79°21'00" E. 4564.6 ft.
 A cross on limestone in place, about which is chiseled
 B.R.-2860, bears N.52°36' E. 27.5 ft.
 Thence S.76°07' W.

293.60 To S.E.C., identical with monument of the location.
 A pine post, 4 ft. long, 4 ins. square, with nail driv-
 en at the exact point, set 18 ins. in the ground, with
 mound of stone, scribed S.E.C.-G.C.-2860.

536.10 To Cor. No.2, identical with S.W. Cor. of the location.
 A quartzite stone, 24 ins. long x 5 x 9 ins. with cross
 at the exact corner, set 15 ins. in the ground, scribed
 2-G.C.-2860, with mound of stone alongside.
 Thence N.19°12' W.

48.02 To N.W. Cor. Gold Crown No.2. lode, unsurveyed, from which
 N.E. Cor. of said Gold Crown No.2 lode, bears N.77°48'
 E. 539.37 ft.

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- 549.68 Intersect S.E. side line, Surpriser No.2 lode, Lot 38,
S.08° 15' W. 783.56 ft. from N.E.Cor.
- 1085.00 Cross wagon road, course southwest.
- 1245.65 Intersect N.E.end line, Surpriser No.2 lode, Lot 38, and
line 1-2, Quien Sabe lode, this survey, S.70° 54' W.
361.20 ft. from N.E.Cor. of said Surpriser No.2. lode
and 52.22 ft. from Cor. No.1 of said Quien Sabe lode.
- 1315.90 To Cor. No.3, identical with N.W.Cor. of the location.
A dacite stone 36 ins. long x 12 x 15 ins. with cross
at the exact corner, set 18 ins. in the ground, scrib-
ed 3-G:C.-2860, with mound of stone alongside.
Thence N:76° 07' E.
- 52.50 To S.W.Cor. Windsor lode, Lot 37; and intersect line
4-1, Quien Sabe lode, this survey, N.19° 09' W. 65.64
ft. from Cor. No.1.
- 299.80 To N.E.C.; identical with monument of the location.
A pine post, 4 ft. long, 4 ins. square, with nail driv-
en at the exact point, set 18 ins. in the ground, with
mound of stone, scribed N.E.C.-G.C.-2860.
- 345.00 Cross wagon road, course southeast.
- 599.60 To Cor. No:4, identical with N.E.Cor. of the location,
Cor. No.2, Golden Eagle lode, and Cor. No.3, Golden
Eagle Extension lode, both of this survey.
Corner previously described and to which I add 4-G.C.
for this claim.
Thence S. 16° 26' E.
- Along line 3-2, Golden Eagle Extension lode, this survey.
- 46.32 Intersect S.E.end line Windsor lode, Lot 37, N.80°56' E.
551.11 ft. from S.W.Cor.
- 119.00 Cross wagon road, course east.
- 1279.50 To Cor. No.2, Golden Eagle Extension lode, this survey,
and N.E.Cor. Gold Crown No.3 lode, unsurveyed.
Along N.E.side line said Gold Crown No.2 lode,
- 1311.50 To Cor. No.1, the place of beginning.

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Square Deal

- Beginning at Cor. No.1, identical with N.E.Cor. of the location and N.W.Cor., Surpriser No.2 lode, Lot 37.
- On line 1-2, Quien Sabe lode, this survey.
- Not set on account of falling in the bed of Queen Creek where a permanent corner could not be maintained.
- Course of creek southwest.
- The S.W.Cor. of T.1 S., R.13 E., G. & S.R.B. & M., bears S. 88° 42' 50" E. 5639.80 ft.
- Witness corner bears S. 08° 09' W. 125.90 ft.
- Thence S. 08° 09' W.
- Along N.W. side line, Surpriser No.2 lode, Lot 38.
- 33.26 Intersect line 4-1, Superior lode, Sur.No.2452, S.80°45' W. 6/36 ft. from Cor. No.1.
- 125.90 To Witness corner for Cor. No.1.
- A quartzite stone, 24 ins. long x 7 x 7 ins. with cross at the exact point, set 12 ins. in the ground, scribed W.C.-1-S.D.-2860.
- 165.00 Cross wagon road, course southwest.
- 1417.68 Intersect N.W. side line, Little Johnnie lode, unsurveyed, N.79° 45' E. 574.50 ft. from N.W.Cor.
- 1497.00 To Cor. No.2, identical with S.E.Cor. of the location and S.W.Cor., Surpriser No.2 lode, Lot 38.
- A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact corner, set on bed rock, in mound of stone, scribed S.W.C.-S.No.2 to which I add 2-S.D.-2860 for this claim, whence
- A cross on dacite boulder, 6 ins. x 1.5 ft. x 2 ft. out of the ground, about which is chiseled B.R.-2860 bears N.18° 19' W. 6.2 ft.
- Thence S. 70° 54' W.
- 300.10 To S.E.C., identical with monument of the location.
- A pine post, 4 ft. long, 4 ins. sq., with nail driven at the exact point, set 12 ins. in the ground, with mound of stone, scribed S.E.C.-S.D.-2860.

600.00 To Cor. No.3, identical with S.W.Cor. of the location and Cor. No.2, Girtrude lode, this survey.

On S.W. end line, Little Johnnie lode, unsurveyed.

A quartzite stone, 30 ins. long x 8 x 11 ins. set 15 ins. in the ground, with cross at the exact corner, scribed 3-S.D.-2860 for this claim, with mound of stone alongside.

Thence N.08° 00' E.

Along line 2-1, Girtrude lode, this survey.

176.45 Intersect N.W.side line, Little Johnnie lode, unsurveyed, N.79° 45' E. 11.87 ft. from N.W.Cor.

1452.00 Cross wagon road, course southwest.

1495.00 To Cor. No.4, identical with N.W.Cor. of the location and Cor. No.1, Girtrude lode, this survey.

A dacite stone, 28 ins. long x 5 x 11 ins. with cross at the exact corner, set 14 ins. in the ground, scribed 4-S.D.-2860 for this claim, whence

The Closing corner, on the Township line, common to sections 2 and 3, T.2 S., R. 12 E., G.& S.R.B.& M., an unapproved survey, bears N.12° 54' E. 92.7 ft.

Thence N.70° 54' E.

299.90 To N.E.C., identical with monument of the location.

A pine post, 4 ft. long, 4 ins.sq., with nail driven at the exact point, set on bed rock, in mound of stone, scribed N.E.C.-S.D.-2860.

385.00 Cross bed of Queen Creek, course southwest.

418.77 Intersect line 4-1, Superior lode, Sur.No.2452, S.80° 45' W. 179.22 ft. from Cor. No.1.

447.62 To Cor. No.2, Quien Sabe lode, this survey.

Along line 2-1, of said Quien Sabe lode.

604.30 To Cor. No.1, the place of beginning.

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Girtrude lode.

Beginning at Cor. No.1, identical with N.E.Cor. of the location and Cor. No.4, Square Deal lode, this survey. Corner previously described and to which I add 1-G for this claim.

The S.W.Cor. of T.1 S., R.13 E., G.& S.R.B.& M., bears N.89°20'40" E. 6209.8 ft.

Thence S.08° 00' W.

Along line 4-3, Square Deal lode, this survey.

1318.55 Intersect N.W.side line, Little Johnnie lode, unsurveyed, N.79°45' E. 11.87 ft. from N.W.Cor.

1495.00 To Cor. No.2, identical with S.E.Cor. of the location and Cor. No.3, Square Deal lode, this survey.

On N.W. end line Little Johnnie lode, unsurveyed, S.04° 16' W. 173.10 ft. from N.W.Cor.

Corner previously described and to which I add 2-G for this claim.

Thence S.70°54' W.

19.08 Intersect S.E. side line Hold Out lode, unsurveyed, S. 02° 13' W. 1038.00 ft. from N.E.Cor.

265.20 To S.E.C., identical with monument of the location. A mound of stone, 2.5 ft. base, 3 ft. high.

602.10 To Cor. No.3, identical with S.W.Cor. of the location. A dacite stone 24 ins. long x 5 x 10 ins. with cross at the exact corner, set 12 ins. in the ground, scribed 3-G-2860, with mound of stone alongside.

Thence N.08°00' E.

1202.90 Intersect N.E. end line, Hold Out lode, unsurveyed, S. 85° 02' W. 425.36 ft. from N.E.Cor.

1484.00 Cross wagon road, course southwest.

1495.00 To Cor. No.4, identical with N.W.Cor. of the location. A dacite stone, 24 ins. x 6 x 10 ins. with cross at the exact corner, set 12 ins. in the ground, scribed

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4-G-2860, with mound of stone alongside.

Thence N.70° 54' E.

336.90 To N.E.C., identical with monument of the location.

A mound of stone, 2.5 ft. base, 3 ft. high.

602.10 To Cor. No.1, the place of beginning.

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Magnetic variation at all corners 14° 50' E.

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Lode lines.

As near as can be determined from present developments the veins of the several locations embraced in this survey extend as follows, from their respective discovery points;

Sunnyside, N.01°27' E. 1389.2 ft. and S.01°27' W.99.0 ft

Caledonia, N.14°11' W. 1393.0 ft. and S.14°11' E.

106.0 ft.

Republic, N.18°03' W. 1219.7 ft. and S.18°03' E.368.0 ft.

Safety, N.14°02' W. 1362.7 ft. and S.14°02' E. 137.3 ft.

Security, N.23°19' W. 843.0 ft. and S. 23°19' E. 657.0 ft.

Wedge, N.26°34' W. 936.3 ft. and S. 26° 34' E. 141.7 ft.

Quien Sabe, N.11°58' W. 345.0 ft. and S.11°58' E. 135.5 ft.

Golden Eagle, N.29° 15' W. 210.6 ft. and S. 29° 15' E. 1233.5 ft.

Skyward, N.28° 57' W. 337.5 ft. and S. 28°57' E. 888.3 ft.

New Calumet, N.45° 03' E. 1410.3 ft. and S.45°03' W. 88.0 ft.

Excelsior, N.45° 03' E. 215.0 ft. and S.45° 03' W. 1283.3 ft.

Red Cloud, N.45° 03' E. 683.3 ft. and S.45°03' W. 815.0 ft.

Golden Eagle Extension, N.15°52' W. 10.0 ft. and S. 15°52' E. 1272.2 ft.

Gold Crown, N.16°42' W. 934.3 ft. and S. 16°42' E. 377.5 ft.

Square Deal, N.08°00' E. 296.5 ft. and S.08°00' W. 1198.5 ft.

Girtrude, N.08°00' E. 344.7 ft. and S.08°00' W. 1150.3 ft.

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Areas.	Acres.	Acres.
Total Area Sunnyside lode,		17.176
Area in conflict with:		
Hub lode, Lot 41, Sur. No. 342,	0.070	
Irene lode, Lot 42, Sur. No. 350,	0.537	
Total Area Caledonia lode,		19.275
Total Area Republic lode,		17.806
Area in conflict with:		
Caledonia lode, this survey,	6.320	
Golden Eagle lode, this survey,	0.912	
Silver and Copper Pocket lode, Sur. No. 2144,	0.002	
Total Area Safety lode,		20.376
Area in conflict with:		
Safety lode, Sur. No. 2479	20.376	
Total Area Security lode,		18.099
Area in conflict with:		
Superior lode, Sur. No. 2452,	0.915	
Security lode, Sur. No. 2479,	18.099	
Total Area Wedge lode,		4.885
Area in conflict with:		
Safety lode, this survey and as surveyed under Sur. No. 2479	0.015	
Windsor lode, Lot 37,	1.004	
Windsor lode, Lot 37, 1.004 acres, exclusive of the common conflict 0.002 acre, between the said Windsor lode, the Superior lode, Sur. No. 2452 and this claim	1.002	
Security lode, this survey, and as surveyed under Sur. No. 2479,	2.809	
Security lode, this survey and as surveyed under Sur. No. 2479, 2.809 acres, exclusive of the common con- flict 0.198 acre, between the said Security lode, the Superior lode, Sur. No. 2452 and this claim,	2.611	
Superior lode, Sur. No. 2452,	0.313	
Superior lode, Sur. No. 2452, 0.313 acre exclusive of the common conflict 0.198 acre, between the said Superior lode, the Security lode, this survey, and as survey- ed under Sur. No. 2479 and this claim,	0.115	

	Acres.	Acres.
Superior lode, Sur.No.2452, 0.313 acre, exclusive of the common conflict 0.002 acre, between the said Superior lode, the Windsor lode, Lot 37, and this claim	0.311	
Total Area Quien Sabe lode,		3.991
Area in conflict with:		
Windsor lode, Lot 37,	0.403	
Gold Crown lode, this survey,	0.082	
Security lode, this survey and as surveyed under Sur.No.2479,	0.081	
Superior lode, Sur.No.2452,	1.968	
Superior lode, Sur.No.2452, 1.968 acres, exclusive of the common conflict 0.081 acre, between the said Superior lode, the Security lode, this survey and as surveyed under Sur.No.2479, and this claim,	1.887	
Total Area Golden Eagle lode,		19.271
Area in conflict with:		
Windsor lode, Lot 37,	0.260	
Total Area Skyward lode,		16.873
Area in conflict with:		
Republic lode, this survey,	0.188	
Shark lode, unsurveyed,	2.066	
New Calumet lode, this survey,	5.579	
Total Area New Calumet lode,		17.947
Area in conflict with:		
Monarch lode, unsurveyed,	3.457	
Total Area Excelsior lode,		17.947
Total Area Red Cloud lode,		17.947
Total Area Golden Eagle Extension lode,		16.037
Area in conflict with:		
Windsor lode, Lot 37,	0.025	
Total Area Gold Crown lode,		17.080
Area in conflict with:		
Windsor lode, Lot 37,	0.291	
Surpriser No.2 lode, Lot 38,	2.886	
Gold Crown No.2 lode, unsurveyed,	0.492	
Total Area Square Deal lode,		18.397
Area in conflict with:		
Superior lode, Sur.No.2452,	0.063	
Little Johnnie lode, unsurveyed,	1.568	
Total Area Girtrude lode,		18.396
Area in conflict with:		
Little Johnnie lode, unsurveyed,	0.023	
Hold Out lode; unsurveyed,	12.193	

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Location:

This survey is located in Sections 35 and 36, T.1 S., R.12 E., unsurveyed, and in Sections 2 and 3, T.2 S., R.12 E., an unapproved survey, Pioneer Mining District, Pinal County,

Arizona, in the Crook National Forest.

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Adjoining and Conflicting Claims.

The Irene lode, Lot 42, ^{Sur. No. 350,} and the Hub lode, Lot 41, Sur. No. 342, owned by the Silver Queen Mining Company; on the north,

The Jumbo lode, unsurveyed, owned by George Woodberry et al.; the Silver and Copper Pocket lode, Sur. No. 2144, owned by Joseph Cope; the Oversight No. 1 lode, unsurveyed, owned by the Magma Copper Co.; the Shark lode, unsurveyed, owned by Frank Hubbel et al.; the Tariff Fraction lode, unsurveyed, owned by the claimant of this survey; the Monarch lode, unsurveyed, owned by Joseph Cope; and unknown claims; on the east;

Unknown claims; the Gold Crown No. 2 lode, unsurveyed, owned by Windsor Mining Co.; the Surpriser No. 2 lode, Lot 38, owned by the claimant of this survey; and the Little Johnnie lode, unsurveyed, owned by James Neary; on the south;

The Hold Out lode, unsurveyed, owned by J. E. Lynch; the Superior lode, Sur. No. 2452, owned by George Lobb; the Doubly Site Lode, Sur. No. 2478, owned by George J. Cansler; unknown claims; and the Queen Annex, San Francisco and Rain Cloud lodes, unsurveyed, owned by the Queen Copper Mining Co.; on the west.

The Windsor lode, Lot 37, owned by the claimant of this survey is completely surrounded by the claims embraced in this survey.

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Discovery and Improvements.

COMMON IMPROVEMENT FOR THE BENEFIT OF ALL OF THE CLAIMS EMBRACED IN THE SURVEY, EXCEPT THE GIRTRUDE LODE, DESIGNATED AS COMMON IMPROVEMENT NO. 1. Improvement No. 3 on the Golden Eagle Extension lode,

a vertical shaft 6 x 9 x 290 feet deep, value \$12,000.00, the S.E. Cor. of which bears N. 16°25' W. 133.7 ft. from a point on line 4-1, 341.0 ft. from Cor. No. 4, together with laterals from same, particularly described as follows:

The first level, consisting of 661.5 ft. of drifting and crosscutting, of an average cross^section of 5.5 x 8.0 ft. Begins at the center of the west side of the shaft and 140 feet below the collar, thence S. 59° 42' W. 20.30 ft. to Pt. 1; thence N. 01° 33' W. 45.56 ft. to Pt. 2; thence N. 19° 33' E. 16.20 ft. to Pt. 3; thence N. 24° 23' W. 77.83 ft. to Pt. 4; thence N. 31° 35' E. 38.60 ft. to Pt. 5; thence N. 50° 34' E. 66.94 ft. to Pt. 6; thence N. 12° 40' W. 68.0 ft. to face. And, commencing at Pt. 1; thence S. 11° 48' E. 20.51 ft. to Pt. 7; thence S. 10° 53' E. 94.36 ft. to Pt. 8; thence S. 11° 09' E. 86.7 ft. to Pt. 9; thence S. 20° 30' W. 25.00 ft. to face. And, commencing at Pt. 7; thence S. 84° 48' E. 71.5 ft. to face. And, commencing at Pt. 8, thence S. 71° 00' E. 40.00 ft. to face. Value first level \$6615.00

The second level, consisting of 60 feet of crosscutting, of an average cross^section of 5.5 x 8.0 ft., begins at the center of the west side of the shaft and 290.0 ft. below the collar and extends thence west 20 ft. to face. And, commencing at the center of the east side of the shaft, thence east 40.0 ft. to face. Value \$600.00.

Total value shaft and levels \$19,215.00.

This shaft and the workings from it are intended as a common improvement for the development of all of the claims embraced in this survey to which it can properly be applied. At the present time it is down to a depth of 290 feet which is considerably below the surface of each of the claims embraced in the group, and the scheme of development proposed is to continue the sink-

ing of the shaft to a greater depth, extend the two levels now started, toward and under each of the claims in the group and develop and mine each of them. The plan of developing and mining a group of claims held under a common ownership from a common system of work being the one generally adopted by the large mining companies operating in this Territory, and in this instance a feasible one consistent with good mining, the value of this improvement, \$19,215.00 is, therefore, distributed equally to all of the claims in the survey, except the Girtrude lode, 1/15th. or \$1281.00 going to each. No portion of the value of this improvement is credited to the Girtrude lode on account of there not having been performed \$500.00 worth of work on said improvement subsequent to the location of said Girtrude claim.

A SYSTEM OF WORK FOR THE BENEFIT OF ALL THE CLAIMS IN THE SURVEY EXCEPT THE GOLD CROWN, SQUARE DEAL and GIRTRUDE LODES, DESIGNATED AS COMMON IMPROVEMENT NO.2.

No.2, the second level of the improvement, on the Golden Eagle Extension lode, 3892.19 ft. of tunnel and laterals from same, of an average crosssection of 5.5 x 8.0 ft. and 106.7 ft. of raise of an average crosssection of 4 x 7 ft. which is particularly described as follows:

Beginning at the portal which bears from a point on line 4-1, 341.0 ft. from Cor. No.4, bears N. 56° 51' W. 257.0 ft; Thence N. 12° 21' W. 37.80 ft. to Pt. 1; thence N. 40° 12' W. 25.04 ft. to Pt. 2; thence N. 68° 02' W. 55.60 ft. to Pt. 3; thence N. 23° 39' W. 49.20 ft. to Pt. 4; thence N. 08° 55' W. 115.14 ft. to Pt. 5; thence N. 30° 37' E. 20.15 ft. to Pt. 6; thence N. 74° 31' E. 52.43 ft. to Pt. 7; thence N. 26° 14' E. 73.93 ft. to Pt. 8; thence N. 12° 19' W. 21.35 ft. to Pt. 9; thence N. 47° 20' W. 32.88 ft. to Pt. 10; thence N. 25° 25' W. 34.83 ft. to Pt. 11; thence N. 41° 30' W. 37.50 ft. to Pt. 12; thence N. 38° 10' W. 89.20 ft. to Pt. 13; thence N. 51° 08' W. 28.00 ft. to Pt. 14; thence N. 10° 47' W. 26.06 ft. to Pt. 15; thence N. 20° 51' W. 66.61 ft. to Pt. 16; thence N. 78° 43' W. 48.84 ft. to Pt. 17; thence N. 64° 57' W. 45.45 ft. to Pt. 18; thence S. 77° 48' W. 35.70 ft. to Pt. 19; thence N. 27° 21' W. 37.38 ft. to Pt. 20; thence N. 27° 24' E. 72.77 ft. to Pt. 21; thence N. 23° 50' W. 46.56 ft. to Pt.

Pt. 22; thence N. 47° 53' W. 81.20 ft. to Pt. 23; thence N. 12° 59' W. 53.47 ft. to Pt. 24; thence N. 32° 03' W. 83.94 ft. to Pt. 25; thence N. 02° 04' W. 32.37 ft. to Pt. 26; thence N. 18° 24' W. 88.99 ft. to Pt. 27; thence N. 21° 49' W. 69.53 ft. to Pt. 28; thence N. 26° 24' W. 37.11 ft. to Pt. 29; thence N. 11° 31' E. 50.31 ft. to Pt. 30; thence N. 64° 55' E. 41.93 ft. to Pt. 31; thence N. 12° 11' E. 27.44 ft. to Pt. 32; thence N. 34° 40' W. 73.18 ft. to Pt. 33; thence N. 10° 19' E. 38.98 ft. to Pt. 34; thence N. 15° 38' W. 44.20 ft. to Pt. 35; thence N. 00° 26' W. 53.87 ft. to Pt. 36; thence N. 13° 29' W. 26.73 ft. to Pt. 37; thence N. 11° 21' W. 59.08 ft. to Pt. 38; thence N. 20° 10' W. 66.51 ft. to Pt. 39; thence N. 11° 15' E. 31.41 ft. to Pt. 40; thence N. 17° 39' W. 44.96 ft. to Pt. 41; thence N. 36° 17' W. 58.17 ft. to Pt. 42; thence N. 28° 36' W. 52.82 ft. to Pt. 43; thence N. 04° 49' E. 19.26 ft. to Pt. 44; thence N. 00° 02' W. 52.50 ft. to Pt. 45; thence N. 43° 00' W. 30.42 ft. to Pt. 46; thence N. 17° 02' E. 43.51 ft. to Pt. 47; thence N. 38° 27' E. 17.34 ft. to Pt. 48; thence N. 15° 48' E. 39.58 ft. to Pt. 49; thence N. 22° 37' E. 40.65 ft. to Pt. 50; thence N. 17° 03' E. 37.88 ft. to Pt. 51; thence N. 30° 17' E. 69.57 ft. to Pt. 52; thence N. 36° 16' E. 36.29 ft. to Pt. 53; thence N. 39° 38' E. 23.07 ft. to Pt. 54; thence N. 05° 45' E. 32.60 ft. to Pt. 55; thence N. 26° 43' W. 38.01 ft. to Pt. 56; thence N. 33° 50' W. 41.33 ft. to Pt. 57; thence N. 06° 44' W. 21.68 ft. to Pt. 58; thence N. 40° 43' E. 26.23 ft. to Pt. 59; thence N. 07° 45' E. 30.0 ft. to face. And, commencing at Pt. 7; thence N. 79° 02' E. 37.29 ft. to Pt. 7a; thence S. 40° 40' E. 28.18 ft. to Pt. 7b; thence S. 10° 50' E. 18.52 ft. to Pt. 7c; thence S. 01° 49' W. 43.80 ft. to face. And, commencing at Pt. 7c; thence S. 63° 52' W. 74.70 ft. to face. And, commencing again at Pt. 7c; thence N. 72° 36' E. 19.30 ft. to Pt. 7d; thence N. 84° 48' E. 67.80 ft. to face. And, beginning at a point N. 01° 10' W. 29.10 ft. from Pt. 8; thence N. 01° 10' W. 11.00 ft. to Pt. 8a; thence N. 42° 51' E. 51.50 ft. to Pt. 8b; thence N. 61° 51' E. 93.0 ft. to face. And, commencing at Pt. 11, a raise extends S. 57° 40' W. with a vertical angle of 33° 06' a distance of 58.50 ft. to Pt. 11a; thence S. 69° 38' W. with a vertical angle of 67° 30' 48.20 ft. it connects with a lateral from Improvement No. 2 on the Golden Eagle lode, S. 28° 18' E. 20.8 ft. from Pt. 10a. And, beginning at a point N. 32° 03' W. 55.00 ft. from Pt. 24, thence S. 64° 00' W. 12.0 ft. to face. And, beginning again at said point N. 32° 03' W. 55.00 ft. from Pt. 24, thence N. 64° 00' E. 18.0 ft. to face. And, beginning at a point N. 26° 24' W. 5.0 ft. from Pt. 28; thence W. 40.00 ft. to face. And, beginning at a point N. 10° 14' W. 6.70 ft. from Pt. 32; thence N. 81° 27' E. 68.02 ft. to Pt. 32a; thence N. 36° 32' E. 50.00 ft. to face. And, beginning at a point N. 10° 19' E. 7.00 ft. from Pt. 33; thence N. 81° 38' W. 11.0 ft. to face. And, beginning at a point N. 12° 43' W. 30.70 ft. from Pt. 37; thence N. 66° 52' E. 41.00 ft. to Pt. 37a; thence N. 64° 00' E. 279.30 ft. to Pt. 37b; thence N. 81° 24' E. 21.10 ft. to Pt. 37c; thence S. 56° 42' E. 22.00 ft. to face. And, commencing at a point N. 14° 08' E. 9.00 ft. from Pt. 38, thence N. 14° 08' E. 7.90 ft. to Pt. 38a; thence N. 56° 43' E. 44.45 ft. to Pt. 38b; thence N. 47° 38' E. 18.89 ft. to Pt. 38c; thence N. 65° 57' E. 19.90 ft. and connects with the incline shaft, which is a part of Improvement No. 5 on the Caledonia lode, 150.0 ft. below the first level. And, commencing at a point N. 17° 39' W. 11.50 ft. from Pt. 40; thence S. 85° 30' W. 25.0 ft. to face. Value \$40,000.00

No.5, on the Caledonia lode, the first level of the improvement 1219.50 ft. of tunnel, of an average cross section of 5.5 x 8.0 ft. Value \$12,196.00. And 1305.8 ft. of incline shaft, which extends from the same, 275.00 ft. of which is 6 x 10 ft. and 1030.8 ft. of which is 6 x 16 ft., value \$91,000.00; together with the third level, consisting of 1116.29 ft. of drifting and crosscutting of an average cross section of 5.5 x 8.0 ft., value \$11,163.00; the fourth level, consisting of 479.94 ft. of drifting and crosscutting of an average cross section of 5.5 x 8.0 ft., value \$4799.00, and the fifth level consisting of 502.20 ft. of drifting and crosscutting of an average cross section of 5.5 x 8.0 ft., value \$5021.00, all of which is particularly described

as follows: Beginning at the portal of said tunnel which bears N. 42°19' E. 101.70 ft. from a point on line 2-3 of said Caledonia lode, 42.40 ft. from Cor.2; thence N.55°54' E. 464.60 ft. to Pt.1; thence N.54°47' E. 27.20 ft. to Pt. 2; thence N.85°45' E. 33.00 ft. to Pt. 3; thence N.32°10' E. 10.50 ft. and connect with the incline shaft which is a part of this improvement. And, commencing at Pt.1; thence N.02°20' W. 27.39 ft. to Pt. 1a; thence N.51°19' W. 29.61 ft. to Pt. 1b; thence N. 21°10' W. 27.90 ft. to Pt. 1c; thence N.02°08' W. 28.20 ft. to Pt.1d; thence N.31°33' W. 55.55 ft. to Pt.1e; thence N.10°15' W. 22.00 ft. to face. And, commencing at Pt.2; thence N.22°28' W. 32.68 ft. to Pt.2a; thence S.78° 11' W. 23.74 ft. and connect with drift between points 1a and 1b. And, commencing at Pt.1; thence S. 30° 34' E. 20.62 ft. to Pt.4; thence S. 21° 05' W. 31.35 ft. to Pt.5; thence S. 28°00' E. 23.48 ft. to Pt. 6; thence S. 07° 16' E. 21.26 ft. to Pt. 7; thence S. 68° 27' E. 15.12 ft. to Pt. 8; thence S. 11°25' E. 44.33 ft. to Pt.9; thence S. 00° 46' E. 26.37 ft. to Pt. 10; thence S. 59°22' E. 18.52 ft. to Pt. 11; thence S. 16°38' E. 41.70 ft. to face. And, commencing at Pt.6; thence N. 38°31' E. 49.38 ft. to Pt.6a; thence N.71° 40' E. 15.0 ft. to face. And, commencing at a point S. 11°25' E. 13.70 ft. from Pt.8; thence N.85°12' W. 46.0 ft. to face. And, commencing at point S.00°46' E. 20.0 ft. from Pt. 9; thence S. 87°38' W. 37.0 ft. to face. And, commencing at a point S. 16°38' E. 147.90 ft. from Pt.11, thence S. 87°18' W. 47.0 ft. to face. And, commencing N.32°10' E. 10.50 ft. from Pt.3; where the tunnel connects with the incline shaft, said shaft is described as follows: Thence S.79°02' W. with a vertical angle of 26°30' upward 25.00 ft. and N.79°02' E. downward, with a vertical angle of 26°30' 555.10 ft. and with a vertical angle of 26°00' 310.6 ft. and with a vertical angle of 27°14' 118.10 ft. and with a vertical angle of 32°50' 297.00 ft. to the bottom of said shaft. Commencing at a point 564.00 ft. below the first

level, the third level of the Improvement is described as follows: Beginning at North side of the shaft; thence N. 37°15' E. 8.50 ft. to Pt.1; thence N.72°50' E. 13.82 ft. to Pt. 2; thence N.38°01' E. 12.52 ft. to Pt.3; thence N.48°52' W. 29.77 ft. to Pt.4; thence N.84° 31' W. 26.24 ft. to Pt.5; thence S. 62°07' W. 22.39 ft. to Pt.6; thence N.84°27' W. 86.17 ft. to Pt. 7; thence N.72°56' W. 28.28 ft. to Pt.8; thence N.31°44' W. 25.81 ft. to Pt.9; thence N.00°09' W. 26.73 ft. to Pt.10; thence N.16°52' E. 55.60 ft. to Pt.11; thence N.07°03' W. 21.79 ft. to Pt. 12; thence N.42°08' W. 72.25 ft. to Pt. 13; thence N. 07°17' W. 21.30 ft. to face. And, commencing at Pt.3; thence S. 13°14' E. 23.69 ft. to Pt. 14; thence S.07° 06' W. 24.79 ft. to Pt.15; thence S. 45°49' W. 27.56 ft. to Pt. 16; thence S. 69°49' W. 70.99 ft. to Pt.17; thence S. 23°08' W. 17.25 ft. to Pt. 18; thence S. 21° 32' E. 50.50 ft. to Pt. 19; thence S. 23°38' E. 51.53 ft. to Pt. 20; thence S.11°50' E. 34.04 ft. to Pt.21; thence South 33.29 ft. to Pt. 22; thence S. 49°16' E. 28.89 ft. to Pt. 23; thence S. 26°15' E. 40.48 ft. to Pt. 24; thence S. 00°18' W. 21.69 ft. to Pt. 25; thence S. 00°30' W. 18.99 ft. to Pt. 26; thence S. 27°42' E. 22.0 ft. to face. And, commencing at a point S. 72°01' W. 28.17 ft. from Pt. 16; thence N. 79°56' W. 40.38 ft. to Pt.16a; thence N. 89°18' W. 52.15 ft. to Pt. 16b; thence N. 29°57' W. 13.33 ft. to Pt. 16c; thence N.07° 52' E. 13.11 ft. to Pt. 16d; thence N. 71°36' E. 42.31 ft. to Pt. 16e; thence N. 08°54' E. 38.0 ft. and connect between point 6 and 7, N.82°27' W. 25.6 ft. from Pt.6. And, commencing 865.7 ft. below the first level, the fourth level of the Improvement is described as follows: Beginning at the North side of the shaft; thence N.00° 52' W. 13.10 ft. to Pt.1; thence N.42°25' W. 12.32 ft. to Pt. 2; thence S. 84°32' W. 53.60 ft. to Pt. 3; thence S. 76°47' W. 55.98 ft. to Pt. 4; thence N.09°43' W. 95.37 ft. to Pt. 5; thence N.22°43' W. 61.0 ft. to face. And, commencing at Pt. 5, thence N.71°02' E. 31.0 ft. to face. And, commencing at Pt. 5, thence S. 71°02' W. 21.0 ft. to face. And, commencing at Pt. 4; thence S. 14°37' E. 38.86 ft. to Pt.6; thence S. 21°40' E. 33.21 ft. to Pt. 7; thence S. 07°38' E. 64.50 ft. to face. And, commencing 1280.8 ft. below the first level, the fifth level of the Improvement is described as follows: Beginning at the north side of the shaft, thence N.43° 32' W. 24.0 ft. to Pt. 1; thence S. 82°34' W. 135.60 ft. to Pt. 2; thence N.14°18' W. 26.80 ft. to Pt.3; thence N. 29°15' W. 80.10 ft. to Pt.4; thence N.45° 29' W. 23.70 ft. to Pt. 5; thence N.13°40' W. 32.0 ft. to face. And, commencing at Pt. 2; thence S. 19°34' E. 31.30 ft. to Pt.6; thence S. 40°06' E. 24.90 ft. to Pt.7; thence S. 09°40' E. 60.30 ft. to Pt.8; thence S. 16° 55' E. 28.50 ft. to Pt.9; thence S. 04°00' W. 35.0 ft. to face.

Improvement No.2 on the Golden Eagle lode, 1124.12

ft. of drifting and crosscutting of an average cross-section of 5.5 x 8.0 ft. which is particularly described as

follows: Beginning at the portal which bears from the South end center bears N. 44°04' W. 113.50 ft.; thence N.13° 20' E. 12.50 ft. to Pt.1; thence N.25°18' E. 34.91 ft. to Pt.2; thence N.20°19' W. 28.50 ft. to Pt. 3; thence N. 32°47' E. 58.33 ft. to Pt.4; thence N.67°22' E. 13.90 ft. to Pt.5; thence N.28°04' W. 61.60 ft. to Pt.6; thence N.06°46' E. 23.76 ft. to Pt. 7; thence N.40°06' E. 19.05 ft. to Pt. 8; thence N.26°37' W. 39.52 ft. to Pt.9; thence

N.50°24' E. 38.39 ft. to Pt. 10; thence N.42°53' E. 40.83 ft. to Pt. 11; thence N.20°04' W. 19.83 ft. to Pt. 12; thence N.86°00' W. 53.81 ft. to Pt. 13; thence S. 54°49' W. 31.00 ft. to Pt. 14; thence N.64°31' W. 21.53 ft. to Pt. 15; thence N.40°49' W. 64.82 ft. to Pt.16; thence N.58° 05' W) 38.82 ft. to Pt.17; thence N.02°38' E. 20.71 ft. to Pt. 18; thence N.58°27' W. 19.20 ft. to Pt. 19; thence S. 70°18' W. 58.40 ft. to Pt. 20; thence S. 66° 22' W. 31.46 ft. to Pt. 21; thence N. 29°33' W. 20.23 ft. to Pt. 22; thence N.10°47' E. 43.10 ft. to Pt. 23; thence N.51°00' E. 22.0 ft. to face. And, commencing at Pt. 10, thence S. 48°53' E. 30.44 ft. to Pt. 10a; thence S. 28°16' E. 58.60 ft. to face. And, commencing at Pt. 19; thence N.16°04' W. 16.50 ft. to Pt. 19a; thence N.09°29' E. 11.43 ft. to Pt. 19b; thence N. 78°25' E. 118.28 ft. to Pt. 19c; thence N. 78°11' E. 53.17 ft. to Pt. 19d; thence N. 42°04' E. 19.50 ft. to face. Value \$11,243.00.

Total Value of Improvement \$175,422.00.

The tunnel designated as Improvement No.2 on the Golden Eagle Extension lode, commences on the northerly end of said claim and extends through the Golden Eagle lode and well into the Republic lode, connecting with the inclinée shaft from Improvement No.5 on the Caledonia lode, and is so situated that it tends to develop all of the claims on the northerly side of Queen Creek Cañon, a depression which runs across the group, and which commences about the middle of the north-westerly side line of the New Calumet lode and extends southerly and westerly across the group as shown on the preliminary plat. The improvement designated as No.5 on the Caledonia lode, commences near the southwest corner of said Caledonia lode and extends in a northeasterly direction across the Caledonia lode and into the Republic lode, where it connects with the incline shaft. This shaft is sunk on the vein of the Caledonia which has a dip of 26°30' to 32° 50', to the northeast, and though this vein so far departs from the perpendicular in its downward course as to pass through a vertical plane drawn through the side line of the Caledonia lode, and continues through the Republic lode of this survey and through the Shark lode, owned by Frank Hubbel, et al., the claimant maintains that it

is their right to so follow such vein beyond the boundaries of their claims as defined by vertical planes drawn through their side lines, and the right to the ores extracted from such vein. It appearing that such is the custom and the law, sustained by the decisions of courts, the claimant is given credit for all the work in this shaft and the levels from it even though a portion of such shaft and levels is not within the boundaries of their claims as defined by vertical planes drawn downward through their side lines.

Improvement No.2, on the Golden Eagle commences near the southerly end line of this claim and extends in a northerly direction connecting with a raise from Improvement No.3 of the Golden Eagle Extension lode.

These improvements are connected up into one system of work which is taken as an improvement for the benefit of all of the claims in the survey, except the GOLD CROWN, SQUARE DEAL and GIRTRUDE lodes, which are not so situated as to be developed or mined by or from the improvement.

A portion of the value of this improvement is distributed to the Golden Eagle Extension, Golden Eagle, Skyward, Republic, Caledonia, Sunnyside, Safety, Wedge, Security and Quien Sabe lodes, on account of the claims being so situated that they are entirely, or some portion of the surface of each, above the level of the tunnel designated as Improvement No.2 on the Golden Eagle Extension lode, which is the second level of the improvement, and so situate that they can be actually developed and mined by this improvement. A portion of the value of the improvement is distributed to the New Calumet, Excelsior and Red Cloud lodes for the reason that the third, fourth and fifth levels of the improvement are at considerable depth below the surface of these claims; which

levels are directed toward said three claims and are so situate that the mining and development of the claims from them is practicable.

No portion of the value of the improvement is credited to the Gold Crown, Square Deal or Girtrude lodes for the reason that these claims are on the southerly side of Queen Creek Canon, rendering the tunnel, Improvement No.2 of the Golden Eagle Extension lode, and the tunnel, Improvement No.2 of the Golden Eagle lode, of no benefit to them, and being at a distance too great from the incline shaft and the workings from it, to be developed or mined through them, the inclination of the shaft being away from these claims.

For the reasons above recited it appearing that this improvement can only be considered as being for the benefit of the Golden Eagle Extension, Golden Eagle, Skyward, Republic, Caledonia, Sunnyside, Safety, Wedge, Security, Quien Sabe, New Calumet, Excelsior, and Red Cloud lodes, the value thereof, \$175,422.00, is distributed equally to each of such claims, 1/13th. or \$13,494.00 going to each.

Sunnyside

One fifteenth of Common Improvement No.1. Value \$1281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery, cut 4.5 x 10 x 13 ft., the face of which is on the lode line 99.00 ft. from the S.E.C., and which extends thence S. 43° W. to mouth. Value \$50.00.

No.2, cut 5 x 7.5 x 14 ft., the face of which bears N. 04°40' E. 82.9 ft. from the S.E.C., and which extends thence S. 57° W. to mouth., Value \$40.00.

No.3, an incline shaft, 5 x 7 x 37 ft. the center of

the west side of which bears S. $36^{\circ}55'$ E. 267.1 ft. from a point on line 2-3 242.1 ft. from Cor. 3, and which dips 49° S. 69° E. Value \$370.00.

No.4, 96 ft. of cut and tunnel, 6 x 7 ft., the mouth of which bears N. $21^{\circ}12'$ E. 156.2 ft. from a point on line 2-3, 242.1 ft. from Cor. 3 and which extends thence N. $44^{\circ}30'$ E. 34.0 ft.; thence N. $26^{\circ}10'$ E. 62.0 ft. to face. Value \$800.00.

Caledonia 10-12.

One fifteenth of Common Improvement No.1. Value \$1281.00

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery, cut 4 x 10 x 20 ft., the face of which is on the lode line 106.0 ft. from the S.E.C., and which extends thence S. 64° W. to mouth. Value \$100.00

No.2, 51 ft. of cut and tunnel, 4 x 7 ft., which is intersected by the lode line 117.9 ft. from the S.E.C., and which extends thence N. $81^{\circ}30'$ E. 31.0 ft. to face and S. $81^{\circ}30'$ W. 20.0 ft. to mouth. Value \$400.00.

No.3, 53 ft. of cut and tunnel, 6 x 7 ft., the mouth of which is on the lode line 165.4 ft. from the S.E.C., and which extends thence S. $64^{\circ}45'$ E. to face. Value \$450.00.

No.4, 58 ft. of cut and tunnel, 4 x 7 ft., the face of a branch of which is on the lode line, 187.5 ft. from the S.E.C., and which extends thence S. 45° W. 23.0 ft. to a point; thence S. $74^{\circ}20'$ W. 19.0 ft. to mouth and N. $72^{\circ}20'$ E. 16.0 ft. to face. Value \$350.00.

No. 5, hereinbefore described.

Republic

One fifteenth of common Improvement No.1. Value \$1281.00

One thirteenth of the value of common Improvement No. 2. Value \$13,494.00.

No.1, the discovery, 30.5 ft. of cut and tunnel, 4 x 6

ft., the mouth of which is on the lode line 268.0 ft. from the S.E.C., and which extends thence N.83°30' E. to face. Value \$210.00.

No.2, an incline shaft, 5 x 6 x 15 ft. the center of the west side of which bears N. 24°08' W. 55.2 ft. from a point on the lode line 268.0 ft. from the S.E.C., and which dips 45° N.74° E. Value \$150.00.

No.3, cut 4 x 10 x 15 ft. the mouth of which bears N. 33° 42' W. 94.6 ft. from the S.E.C., and which extends thence N. 50° 50' E. to face. Value \$75.00.

Safety

One fifteenth of the value of Common Improvement No.1 Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery shaft, 4 x 6 x 20 ft., the center of which is on the lode line 137.3 ft. from the S.E.C. Value \$160.00.

No.2, shaft, 5 x 7 x 30 ft., the S.W.Corner of which bears N. 41° 35' E. 345.3 ft. from Cor. No.2. Value \$300.00.

No.3, shaft, 4 x 7 x 13 ft., the S.W.Corner of which bears N.24°47' E. 410.3 ft. from Cor. No.2. Value \$125.00.

Security

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery shaft 4 x 6 x 10 ft., the center of which is on the lode line 657.00 ft. from the S.E.C. Value \$75.00.

No.2, shaft, 5 x 7 x 20 ft., the S.W.Corner of which

bears N. 15° 24' W. 541.7 ft. from the S.E.C. Value
\$175.00

No.3, shaft, 4 x 7 x 20 ft., the S.W. Corner of which
bears N. 12° 57' W. 625.1 ft. from the S.E.C., 13 ft.
below the collar of which a crosscut extends west 10 ft.
4 x 6 ft.
Value of shaft and crosscut \$80.00.

No.4, shaft, 4 x 7 x 10 ft., the S.W. corner of which
bears N. 03° 12' E. 248.7 ft. from the S.E.C. Value
\$80.00.

No.5, 21 ft. of cut and tunnel, 4 x 6 ft., the center
of the mouth of which bears N. 31° 01' W. 450.0 ft. from
Cor. No.1 and which extends thence S. 80° E. to face.
Value \$85.00.

Wedge

One fifteenth of the value of Common Improvement No.
1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No.
2. Value \$13,494.00.

No.1, the discovery, shaft, 4 x 6 x 10 ft., the center
of which is on the lode line 141.7 ft. from the S.E.C,
Value \$70.00.

Quien Sabe

One fifteenth of the value of Common Improvement No.1.
Value \$1,281.00.

One thirteenth of the value of Common Improvement No.
2. Value \$13,494.00.

No.1, the discovery, shaft 4 x 4 x 37 ft., the center
of which is on the lode line 135.5 ft. from the S.E.C.
Value \$260.00.

Golden Eagle

One fifteenth of the value of Common Improvement No.1.
Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery, cut, 4 x 9 x 13 ft., the face of which is on the lode line 210.6 ft. from the N.E.C., and which extends thence S. 26° W. to mouth. Value \$60.00
No.2, hereinbefore described.

Skyward Mine.

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery, cut 4 x 10 x 13 ft., which is intersected by the lode line 337.5 ft. from the N.E.C., and which extends thence S. 49° W. 11.0 ft. to face and N. 49° E. 2.0 ft. to mouth. Value \$65.00.

No.2, cut, 5 x 15 x 12 ft., the mouth of which bears S. 14°16' E. 129.1 ft. from the N.E.C., and which extends thence west to face. Value \$75.00.

New Calumet Mine.

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery cut 5 x 10 x 12 ft., the face of which is on the lode line 88.0 ft. from the S.W.E.C., and which extends thence S. 21° 25' W. to mouth. Value \$60.00.

Excelsior Mine.

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery. cut 4 x 8 x 15 ft., which is intersected by the lode line 215.0 ft. from the N.E.E.C., and which extends thence N. 10° E. 10.5 ft. to face and S. 10° W. 4.50 ft. to mouth. Value \$75.00.

Red Cloud Lode.

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery cut, 4 x 8 x 13 ft., the face of which is on the lode line 683.3 ft. from the N.E.E.C. and which extends thence S. 21°30' W. to mouth. Value \$65.00.

Golden Eagle Extension Lode.

One fifteenth of the value of Common Improvement No.1. Value \$1,281.00.

One thirteenth of the value of Common Improvement No. 2. Value \$13,494.00.

No.1, the discovery cut, 4 x 10 x 13 ft., the face of which is on the lode line 10.0 ft. from the N.E.C., and which extends thence S. 16° E. to mouth. Value \$65.00

No.2, hereinbefore described, one thirteenth only of which is credited to this claim.

No.3, hereinbefore described, one fifteenth only of which is credited to this claim.

No.4, 682.57 ft. of tunnel, of an average cross^section of 5.5 x 8.0 ft., the portal of which bears S.30°44' E. 275.1 ft. from Cor. No.3, and which is particularly described as follows: Beginning at the portal, thence S. 19° 18' W. 8.10 ft. to Pt. 1; thence S. 20° 50' E. 51.19 ft. to Pt. 2; thence S. 31° 26' E. 19.94 ft. to Pt. 3; thence N. 81° 29' E. 20.75 ft. to Pt. 4; thence S. 34° 21' E. 20.71 ft. to Pt. 5; thence S. 08°21' E.

21.96 ft. to Pt. 6; thence S. 75° 57' W. 24.68 ft. to Pt. 7; thence S. 00° 15' W. 9.17 ft. to Pt. 8; thence S. 20° 06' E. 85.26 ft. to Pt. 9; thence S. 23° 18' E. 195.40 ft. to Pt. 10; thence S. 72° 52' E. 52.22 ft. to Pt. 11; thence S. 74° 22' E. 33.2 ft. to face. And, commencing at Pt. 11; thence S. 11° 17' E. 46.0 ft. to face. And, commencing at Pt. 6; thence S. 13° 19' E. 17.97 ft. to Pt. 6a; thence S. 66° 17' E. 20.15 ft. to Pt. 6b; thence S. 22° 07' E. 16.7 ft. to face. And, commencing at Pt. 7, thence N. 70° 49' W. 22.87 ft. to Pt. 7a; thence N. 32° 09' W. 16.30 ft. to face. Value \$6225.70.

No.5, cut, 5 x 10 x 24ft., the mouth of which bears N. 46°23' W. 150.2 ft. from the S.E.C., and which extends thence N. 82°E. to face. Value \$120.00.

No.6, an incline shaft, 5 x 6 x 32 ft., the center of the west side of which bears N. 56°10' W. 160.2 ft. from the S.E.C., dip 45° N. 77° E. Value \$320.00.

No.7, an incline shaft, 6 x 8 x 18 ft., the center of the west side of which bears N. 51° 17' W. 77.1 ft. from the S.E.C., dip 46° N. 82° E. Value \$180.00.

No.8, cut, 4 x 10 x 13ft., the mouth of which bears N. 30° 55' W. 84.1 ft. from the S.E.C. and which extends thence N. 73° E. to face. Value \$65.00.

Gold Crown

One fifteenth of the value of Common Improvement No.1 Value \$1,281.00.

No.1, the discovery, 19 ft. of cut and tunnel, 8 x 8 ft. which is intersected by the lode line 377.5 ft. from the S.E.C., and which extends thence N. 89° E. 9.0 ft. and S. 89° W. 10.0 ft. Value \$120.00.

No.2, cut, 8 x 8 x 16 ft., the mouth of which bears S. 09° 45' E. 59.5 ft. from a point on the lode line 472.8 ft. from the S.E.C., and which extends thence N.

N. 59° E. to face. Value \$100.00.

No.3, an incline shaft, 6 x 7 x 50 ft., the center of the west side of which bears N. 31° 38' W. 80.2 ft. from a point on the lode line 341.4 ft. from the S.E.C., dip 37° N. 64° E. Value \$500.00.

No.4, shaft, 4 x 6 x 4 ft. the S.E. corner of which bears S. 67° 00' W. 14.0 ft. from a point on the lode line 472.8 ft. from the S.E.C. Value \$25.00.

No.5, a surface stope, averaging 14 x 10 x 4 ft., course of long way N. 26° E., the center of the west side of which bears N. 19° 05' E. 154.1 ft. from a point on the lode line 542.3 ft. from the S.E.C. Value \$200.00.

No.6, a surface stope, averaging, 20 x 23.5 x 5.0 ft. course of long way N. 16° E., the center of the west side of which bears N. 20° 57' E. 180.5 ft. from a point on the lode line 542.3 ft. from the S.E.C. Value \$750.00

No.7, cut, 4.5 x 10.0 x 21.0 ft., the mouth of which bears N. 09° 50' E. 245.1 ft. from a point on the lode line 542.3 ft. from the S.E.C., and which extends thence east to face. Value \$100.00.

No.8, 203.41 ft. of tunnel, of an average crosssection of 4.5 x 6.5 ft., the portal of which bears S. 13° 39' E. 288.5 ft. from Cor. No.4 and which is particularly described as follows: Beginning at the portal; thence S. 15° 37' E. 9.60 ft. to Pt. 1; thence S. 34° 29' E. 10.15 ft. to Pt. 2; thence S. 02° 12' E. 12.51 ft. to Pt. 3; thence S. 59° 57' E. 10.68 ft. to Pt. 4; thence S. 02° 20' E. 41.72 ft. to Pt. 5; thence S. 05° 21' E. 41.00 ft. to Pt. 6; thence S. 03° 15' E. 25.73 ft. to Pt. 7; thence S. 32° 32' E. 15.72 ft. to Pt. 8; thence S. 20° 32' E. 36.3 ft. to face. Value \$2034.10.

Square Deal

One fifteenth of the value of Common Improvement No.1
Value \$1,281.00.

No.1, the discovery, shaft, 4 x 6 x 75 ft., the center of the east side of which is on the lode line 296.5 ft. from the N.E.C. Value \$750.00.

No.2, shaft, 4 x 6 x 21 ft., the S.W. Corner of which bears N. 29° 49' E. 208.5 ft. from the S.E.C. Value \$175.00.

Girtrude

No.1, the discovery, shaft, 4 x 6 x 8 ft., the center of which is on the lode line 344.7 ft. from the N.E.C. Value \$60.00.

Note: shaft, 4 x 6 x 11 ft., the center of which bears N. 73° 17' W. 264.6 ft. from a point on line 1-2, 515.3 ft. from Cor.No1. The value of this improvement is not credited to this claim on account of its not having been made by the claimant or their grantors.

Other Improvements.

On the Security lode:

A barn, 22 x 46 ft., course of long sides S. 86° W., the S.E. Corner of which bears N. 51° 15' W. 136.0 ft. from Cor. No.1.

A shed, 21 x 12 ft., course of long sides S. 84° W., the S.E. Corner of which bears N. 74° 50' W. 139.3 ft. from Cor. No.1.

A well, 3 x 4 x 30 ft., the S.E. corner of which bears N. 88° 30' W. 210.8 ft. from Cor. No.1.

A house, 20 x 24 ft., course of long sides N. 12° W. the S.E. corner of which bears N. 24° 39' W. 324.0 ft. from the S.E.C.

A house, 14 x 16 ft., course of long sides S. 06° E. the S.E. corner of which bears N. 63° 42' W. 302.1 ft. from the S.E.C.

A house, 12 x 22 ft., course of long sides S. 84° W. the S.E. corner of which bears N. 69° 03' W. 277.2 ft. from the S.E.C.

A house 22 x 24 ft., course of long sides, S. 84° W., the S.E. corner of which bears N. 73° 12' W. 342.9 ft. from the S.E.C.

On the Quien Sabe lode:

A house, 12 x 30 ft., course of long sides S. 07° E. the N.E. corner of which bears S. 30° 00' E. 375.1 ft. from a point on the lode line 110.1 ft. from the N.E.C.

A house, 36 x 28 ft., course of long sides S. 10° E. the N.W. corner of which bears S. 24° 20' W. 332.8 ft. from a point on the lode line 110.1 ft. from the N.E.C.

A house, 12 x 30 ft., course of long sides S. 84° W. the N.E. corner of which bears S. 01° 22' W. 333.8 ft. from a point on the lode line 110.1 ft. from the N.E.C.

A house, 30 x 32 ft., course of long sides N. 81° E., the N.W. corner of which bears S. 14° 52' E. 210.2 ft. from a point on the lode line 110.1 ft. from the N.E.C.

On the Golden Eagle Extension lode:

A blacksmith shop, 18 x 32 ft., course of long sides S. 86° 45' W., the N.E. corner of which bears S. 86° 22' W. 195.3 ft. from a point on line 4-1, 341.0 ft. from Cor. No. 4.

A change room, 10 x 16 ft., course of long way, S. 86° 45' W., the N.E. corner of which bears S. 85° 34' W. 334.0 ft. from a point on line 4-1, 341.0 ft. from Cor. No. 4.

An engine and boiler room, 108 x 36 ft., course of long sides, S. 86° 45' W., the N.E. corner of which bears S. 76° 26' W. 217.8 ft. from a point on line 4-1, 341.0 ft. from Cor. No. 4.

A carpenter shed, 16 x 18 ft., course of long sides S. 86° 45' W., the N.E. corner of which bears S. 73° 04' W. 157.5 ft. from a point on line 4-1, 341.0 ft. from Cor. No. 4.

On the Gold Crown:

A barn, 12 x 36 ft., course of long sides N. 74° E.,

the N.W. corner of which bears S. $18^{\circ}45'$ E. 115.6 ft.
from the N.E.C.

A storeroom, 8 x 18 ft., course of long sides N. 49° E.
the S.W. corner of which bears S. $14^{\circ}55'$ E. ^{204.2 ft} from the N.E.C.

An office, 18 x 36 ft., course of long sides S. 34° E.
the N.E. corner of which bears S. $04^{\circ}17'$ W. 194.2 ft.
from the N.E.C.

A wagon scale, 11 x 19 ft., course of long sides, S. 60°
W. the N.E. corner of which bears S. $03^{\circ}19'$ W. 171.9 ft.
from the N.E.C.

An assay office, 16 x 40 ft., course of long sides
S. 60° W., the N.E. corner of which bears S. $05^{\circ}40'$ W.
170.1 ft. from the N.E.C.

On the Square Deal lode.

A house, 22 x 22 ft., course of sides S. 10° E., the
N.E. corner of which bears S. $63^{\circ}26'$ W. 246.8 ft. from
a point on the lode line 86.4 ft. from the N.E.C.

A house, 18 x 23 ft., course of long sides S. 14° E.,
the N.E. corner of which bears S. $36^{\circ}33'$ W. 103.1 ft.
from a point on the lode line 86.4 ft. from the N.E.C.

A house, 22 x 28 ft., course of long sides N. 80° E.,
the S.W. corner of which bears N. $65^{\circ}52'$ E. 175.9 ft.
from a point on line 3-4, 515.3 ft. from Cor. No. 4.

On the Girtrude lode.

A house, 27 x 35 ft. course of long sides N. $00^{\circ}30'$ E.,
the S.E. corner of which bears N. $52^{\circ}51'$ W. 36.0 ft.
from a point on line 1-2 515.3 ft. from Cor. No. 1.

A barn, 10 x 20 ft., course of long sides west, the
N.E. corner of which bears S. $79^{\circ}02'$ W. 36.2 ft. from
a point on line 1-2, 515.3 ft. from Cor. No. 1.

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Instrument.

This survey was made with a $6\frac{1}{4}$ inch Berger Engineer's

transit. The courses were deflected from the true meridian as determined by direct Polaris observation. The distances were measured with a 650 ft. steel tape.

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Report.

The side and end lines of the several claims in this survey and all tie lines were run direct upon the ground.

The S.W. Corner of T.1 S., R.13 E., G. & S.R.B. & M., to which tie is given, is a dacite stone, 5 x 12 x 21 ins. above the ground, marked with six notches on each face, T.1 S., R. 13 E. on N. face; T.2 S., R. 13 E. on S. face; and R. 13 on west face.

U.S.M.M.No.1, to which tie is given, is a pine post, 6 ins. sq., showing 3.5 ft. above the ground, upon which is nailed a metal strip marked U.S.Mineral Mon. No.1, Pioneer Mining District.

Hub lode, Lot 41;

The corners of this claim are pine posts, properly set and marked.

The disagreement between these notes and lines III-IV-V is due to errors in the survey of said Hub lode.

Irene lode, Lot 43;

The corners of this claim are pine posts, properly set and marked. The disagreement between these notes and lines II-IV-V is due to errors in the survey of said Irene lode.

The disagreement between the tie from Cor. IV to U.S. M.M.No.1 as reported in survey of said Hub lode, and as calculated through the lines of this survey, is due to error in the survey of said Hub lode.

Silver and Copper Pocket lode, Sur.No.2144:

The corners of this claim are stones, properly set and marked.

The disagreement between these notes and lines 2-1-4

of said Silver and Copper Pocket lode, is due to error in Sur.No.2144.

The disagreement between these notes and the tie to the S.W.Cor. T.1 S., R.13 E., G.& S.R.B.& M., and also the tie to U.S.M.M.No.1 from Cor. No.1, and the same ties as computed through the lines of this survey is due to errors in Sur.No.2144.

Shark lode, unsurveyed:

The corners of this claim are pine posts in mound of stones.

Monarch lode, unsurveyed:

The S.W.corner of this claim is a 4 x 4 pine post in a mound of stone. The S.E.corner is an iron pipe, $2\frac{1}{2}$ ins. diameter, in mound of stone.

Gold Crown No.2 lode, unsurveyed:

The N.E.Corner is a stone, as herein described for Cor. No.2 of the Golden Eagle Extension lode, this survey. The S.E., S.W. and N.W.corners are pine posts in monuments of stone.

The Windsor lode, Lot 37:

The S.W., N.W. and N.E.corners are pine posts in monuments of stone, properly marked. The S.E.corner is a cross on dacite boulder in the bed of Queen Creek. The disagreement between these notes and lines N.E.Cor.-S.E.Cor.-S.W.Cor.-N.W.Cor-N.E.Cor., is due to error in the survey of said Windsor lode.

The disagreement between the tie from the N.W.Cor. to U.S.M.M.No.1 as reported in the survey of said Windsor lode and the same tie as computed through the lines of this survey is due to error in the survey of said Windsor lode.

Surpriser No.2 lode, Lot 38:

The S.E. and S.W.corners are pine posts in mounds of stone property set and marked. The N.E.Corner is an

iron bar, 1 inch diameter, driven in the bed of Queen Creek. The N.W. Cor. is not in, being in the bed of Queen Creek where a permanent corner can not be maintained. I establish this corner by the conflict which is shown in the field notes of the Superior lode, Sur. No. 2452 to exist between the said Superior lode and the said Surpriser No. 2 lode.

The disagreement between the tie from the S.W. corner to U.S.M.M. No. 1 as reported in the survey of said Surpriser No. 2 lode and the same tie as computed through the lines of this survey is due to error in the survey of said Surpriser No. 2 lode.

Little Johnnie lode, unsurveyed:

The S.W., N.W. and N.E. corners of this claim are monuments of stone.

Hold Out lode, unsurveyed:

The N.W., N.E. and S.E. corners of this claim are 4 x 4 pine posts, in mound of stone.

The Superior lode, Sur. No. 2452:

Corners ^{Nos} 2 and 3 are pine posts, properly set and marked. Corner No. 1 is not in. I establish this corner 111.0 ft. S. 03° 29' W. of the Witness Cor. for Cor. No. 1, in line with said Wit. Cor. and Cor. No. 2. The disagreement between these notes and lines 1-2-3 is nominal.

The disagreement between the tie from Cor. No. 1 to the S.W. Cor. of T. 1 S., R. 13 E., G. & S. R. B. & M., and also the tie to U.S.M.M. No. 1 from Cor. No. 1 and the same ties as computed through the lines of this survey is due to error in Sur. No. 2452.

Doubly Site lode, Sur. No. 2478.

The corners of this claim are pine posts, properly set and scribed.

The disagreement between these notes and line 1-2 of

said Doubly Site lode is nominal.

The disagreement between the tie to the S.W.Cor. T.1 S., R.13 E., G.& S.R.B.& M., and also the tie to U.S.M. M.No.1 as reported in Sur.No.2478 and as calculated through the lines of this survey is due to error in Sur.No. 2478.

Security and Safety lodes, Sur.No.2479:

All the corners of these claims are pine posts, properly set and scribed. There is a nominal disagreement between the notes of these two claims as surveyed in this survey and as surveyed under Sur.No.2479. The disagreement between the tie from Cor. No:1 of each of these two claims to the S.W.Cor. T.1 S., R.13 E., G. & S.R.B.& M., and also to U.S.M.M.NO.1 as reported in these notes and as reported in Sur.No.2479 is due to errors in Sur.No.2479.

T.2S., R.12 E., G.& S.R.B.& M., unapproved:

The south quarter corner of Sec. 36, T.1 S., R. 12 E., to which tie is given is a limestone showing 10 x 10 x 8 ins. out of the ground marked $\frac{1}{4}$ on the north face.

The section corner common to sections 2 and 3, to which tie is given, is a limestone showing 5 x 8 x 9 ins. out of the ground, marked with two grooves on the east face and four grooves on the west face and C C on the south face.

The disagreement between these notes and the several certificates of location of the claims embraced in this survey is due to errors in said certificates.

Erwin J. Stewart
U.S.M.S.

Globe, Arizona, January 13th, 1911.

SUPPLEMENTAL REPORT ON MINERAL SURVEY NO. 2860.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the claims embraced in Mineral Survey No. 2860, except the Girtrude lode in said Survey, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of those described in detail in my returns of said Survey ^{No} 2860, under date of January 12, 1911.

Edward J. Stewart
U.S. Mineral Surveyor.

Sworn to and subscribed before me this 25th day of April, 1911.

L. M. Grobner
Notary Public.

(My commission expires December 12, 1912)

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

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

United States ~~Deputy~~ 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 LIB

The Lake Superior & Arizona Mining & Smelting Co.
known as the Golden Eagle, Golden Eagle Extension, Gold Crown, Republic, Caledonia, Sunnyside, Wedge, Skyward, New Calumet, Red Cloud, Excelsior, Security, Safety, Quien Sabe, Square Deal and Girtrude.
and showing the respective capacities in which they acted.

Percy Bell, Chainman.
_____, Chainman.
_____, Axman.
_____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~W&~~ I, Percy Bell

~~xxx~~ _____, do solemnly swear that ~~we~~ ^I assisted Edwin T.

Stewart, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of The Lake Superior & Arizona, Mining & Smelting Co.

known as the Golden Eagle, Golden Eagle Extension, Gold Crown, Republic, Caledonia, Sunnyside, Wedge, Skyward, New Calumet, Red Cloud, Excelsior, Security, Safety, Quien Sabe, Square Deal and Girtrude represented in the foregoing field notes as having been surveyed by said ~~deputy~~ 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 United States Surveyor-General for ARIZONA

Percy Bell, Chainman.
_____, Chainman.
_____, Axman.
_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 9th

day of January, 1911, 190

L. M. Brooker

Notary Public

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, Edwin T. Stewart, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 15, 1910, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of The Lake Superior & Arizona Mining & Smelting Co.

Golden Eagle, Golden Eagle Extension, Gold Crown, Republic, Caledonia, Sunnyside, Wedge, Skyward, New Calumet, Red Cloud, Excelsior, Security, Safety, Queen Sabe, Square Deal and Girtrude. situate in Pioneer Mining District,

Pinal County, Arizona, in Section 35 and 36 1 S., 12 E., unsurveyed, 2 and 3, Township No. 2 S., Range No. 12 E., unapproved survey. and designated as Survey No. 2860, 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 Surveyor General with said instructions, and that all the 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 its 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. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart

U. S. ~~Deputy~~ Mineral Surveyor, before me L.M. Brookner, a Notary

Public this 9th

day of January, 1911.

L.M. Brookner

Notary Public.

Notice of Mining Location

6061-61-7117

LODE CLAIM

JUL 19 1909

To All Whom It May Concern:

This Mining Claim, the name of which is the Golden Eagle Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W.

Hoar, its Superintendent and lawful agent and who is a citizen of the United States, the undersigned, on the 1st day of July 1909

The length of this claim is fourteen hundred forty two and eight tenths feet, and I claim two hundred ten and six tenths feet, in a northerly direction and twelve hundred thirty two & two tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in an easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the southwest corner the U. S. M. M. No. 1 bears S. 55° 55' W., 1921.1 feet,

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northerly direction 210.6 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 61° 47' E. 293.5 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 28° 56' E. 1442.7 feet to a 4x4 post in stone monument, being at the southeast corner of said claim; thence S. 61° 47' W. 286.0 feet to a 4x4 post in stone monument at the center of the south end of said claim; thence S. 61° 47' W. 284.1 feet to a 4x4 post in stone mon, being at the southwest corner of said claim; thence N. 29° 52' W. 1443.2 feet to a 4x4 post in stone mon, at the northwest corner of said claim; thence N. 61° 47' E 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Golden Eagle Mining Claim, located by C. C. Woolf and George Lobb

on the 1st day of January ~~1898~~ 1899, and recorded in Book 15 of Records of Mines, at page 212, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 1909. This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record. The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar its Superintendent and lawful agent.

Witness:- Sam Bone

I,.....G. F. Watson....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....11.....o'clock,.....A.M., on this.....12th.....day of.....July.....1909, and duly recorded in Book No.....1.....of Mines Amended.....Records of.....Pinal.....County, Arizona, at pages.....216.....

WITNESS my hand and official seal the day and year first above written.

.....G. F. Watson.....
County Recorder.

By Deputy.....

N. N. Wells.....

AMENDED
Notice of Location.

LODE CLAIM.

Golden Eagle
Located by
The Lake Superior & Arizona
Mining & Smelting Co.

Dated July 1st 1909

Filed and Recorded at request of

J. E. O'Connor.....

July.....12th, 1909A. D. 1909
at 11 O'Clock A. M.

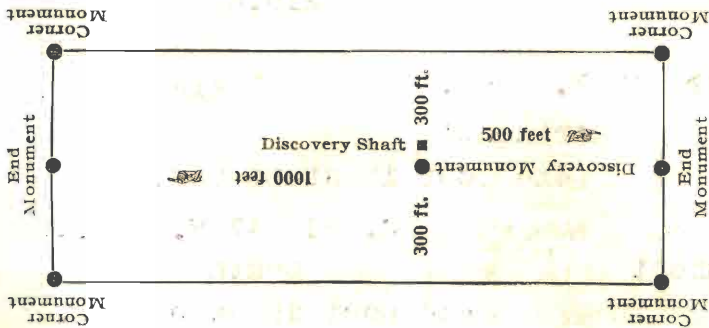
Book 1 of Mines Amended

Pages 216.....

G. F. Watson.
County Recorder.

By N. N. Wells.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, county recorder,
in and for the county of Pinal, Territory of Arizona, do hereby
certify that the above and foregoing Amended Notice of Location
of the Golden Eagle mining claim is a full, true and correct
copy of the original, as the same appears on record in this
office in Book No 1 of Mines Amended, at page. 216.

Witness my hand and seal of office this the 14th day of July, A. D.
1909

Recorder.....*G. F. Watson*.....

AMENDED

62

Notice of Mining Location

JUL 19 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Golden Eagle Extension Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar, its Superintendent and lawful agent and who is a citizen of the United States, (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 1st day of July 1909.

The length of this claim is twelve hundred eighty two and four tenths feet, and I claim ten feet, in a northerly direction and twelve hundred seventy two & four tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south.

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in an easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the northwest corner the U. S. M. M. No. 1 bears S. 55° 55' W. 1921.1 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northerly direction 10.0 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 61° 47' E. 286.0 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 15° 19' E. 1285.1 feet to a 4x4 post in stone mon., being at the southeast corner of said claim; thence S. 61° 47' W. 273.8 feet to a 4x4 post in stone monument at the center of the south end of said claim; thence S. 61° 47' W. 271.3 feet to a 4x4 post in stone mon. being at the southwest corner of said claim; thence N. 16° 25' W. 1280.0 feet to a 4x4 post in stone mon. at the northwest corner of said claim; thence N. 61° 47' E. 284.1 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Golden Eagle Extension Mining Claim, located by George Lobb

on the 18th day of November ~~1909~~ 1909, and recorded in Book 17 of Records of Mines, at page 85, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 1909.

This further certificate of location is made without waiver of any pre-The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar its Superintendent and lawful agent.
 Witness:- Sam Bone

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11 o'clock, A.M., on this 12th day of July, 1909, and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 215.

WITNESS my hand and official seal the day and year first above written.

G. F. Watson, County Recorder.

By Deputy.

N. N. Wells...

AMENDED Notice of Location. LODE CLAIM.

Golden Eagle Extension Located by The Lake Superior & Arizona Mining & Smelting Co.

Dated July 1st 1909

Filed and Recorded at request of

J. E. O'Connor...

July... 12th, 1909. D. 190

at 11 O'clock A. M.

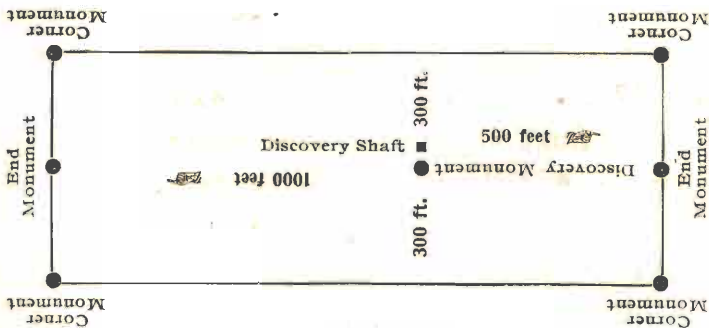
Book 1 of Mines Amended...

Pages 215...

G. F. Watson, County Recorder.

By N. N. Wells, Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss

I, G. F. Watson, county recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the Golden Eagle Extension mining claim, is a full, true and correct copy of the original, as the same appears on record in this office in Book No. 1 of Mines Amended at page. 215.

Witness my hand and seal of office, this the 14th day of July, A. D. 1909.

Recorder.....*G. F. Watson.*

AMENDED
Notice of Mining Location

JUL 19 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Gold Crown
Mining Claim, situate on lands belonging to the United States of America, and in which there
are valuable mineral deposits, was entered upon and located for the purposes of exploration and
purchased by The Lake Superior & Arizona Mining & Smelting Co., by

F. W. Hoar, its Superintendent and lawful agent and who is a citizen
(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")
of the United States, 1st day of July 19 09
the undersigned, on the

The length of this claim is thirteen hundred twelve and two tenths feet,
and I claim three hundred seventy four and four tenths feet,
in a southerly direction and nine hundred thir-
ty seven and eight tenths feet in a northerly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with three hundred feet in width of the surface grounds, on each
side of the center of said claim. The general course of the lode deposit and premises is from the
north to the south

The claim is situated and located in the Pioneer Mining District, in
Pinal County, in the Territory of Arizona, about four miles
in a n easterly direction from Picket Post Butte, the most prom-
inent natural object in this horizon. From the northwest corner the
U. S. M. M. No. 1 bears S. 47° 14' W. 1373.7 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
A 4x4 post in a stone monument

at a point in a northerly direction 937.8 feet from
the discovery shaft (at which this notice is posted), being in the center of the north
end line of said claim; thence N. 76° 09' E 300.0 feet to a 4x4 post in a
stone monument, being the northeast corner of said claim; thence
S. 16° 25' E. 1311.9 feet to a 4x4 post in stone monument, being at the
southeast corner of said claim; thence S. 76° 09' W. 293.9 feet
to a 4x4 post in stone monument at the center of the south end of said claim;
thence S. 76° 09' W. 242.5 feet to a 4x4 post in stone mon. being at the
southwest corner of said claim; thence N. 19° 11' W. 1316.3
feet to a 4x4 post in stone mon. at the northwest corner of said claim;
thence N. 76° 09' E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
the United States, and of an Act of the General Assembly of Arizona, entitled, "An Act to Revise and
Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Gold Crown
Mining Claim, located by L. S. Powell
on the 1st day of
January 19 01, and recorded in Book 18 of Records of Mines, at
page 148, in the office of the County Recorder of the aforesaid County of Pinal
to which reference is hereby made, and this Amended Location Notice is made and posted to correct
errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 19 09

This further certificate of location
is made without waiver of any previous The Lake Superior & Arizona Mining
rights, but to correct any error in & Smelting Co., by F. W. Hoar
prior location or record. its Superintendent and lawful agt.
Witness:- Sam Bone

County of Pinal.....

ss.

I, G. F. Watson....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11 o'clock A.M., on this 12th day of July..... 1909 and duly recorded in Book No. 214..... of Mines, Amended Records of Pinal..... County, Arizona, at pages 214.....

WITNESS my hand and official seal the day and year first above written.

G. F. Watson.....
County Recorder.

By Deputy.

N. N. Wells.....

AMENDED
Notice of Location.
LODE CLAIM.

Gold Crown

Located by

The Lake Superior & Arizona
Mining & Smelting Co.

Dated July 1st 1909

Filed and Recorded at request of

J. E. O'Connor.....

July 12th, 1909 A. D. 19

at 11 o'clock A. M.

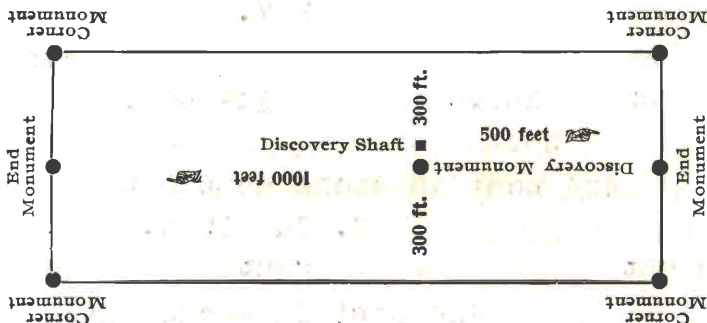
Book 1 of Mines Amended

Pages 214

G. F. Watson.....
County Recorder.

By N. N. Wells.....
Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix, Arizona



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, county recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify, that the above and foregoing Amended Notice of Location of the Gold Crown mining claim, is a full, true and correct copy of the original, as the same appears on record in this office, in Book No 1, of Mines Amended, at page. 214.

Witness my hand and seal of office, this the 14th day of July, A. D. 1909.

Recorder... *G. F. Watson*

Notice of Mining Location

LODE CLAIM

JUL 19 1909

To All Whom It May Concern:

This Mining Claim, the name of which is the Republic Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar, its Superintendent and lawful agent and who is a citizen of the United States. (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 1st day of July 1909

The length of this claim is fourteen hundred eighty eight & one tenth feet, and I claim twelve hundred twenty and seven tenths feet, in a northerly direction and two hundred sixty seven & four tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in a n easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the southwest corner the U. S. M. M. No. 1 bears S. 28° 55' W. 2681.9 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northerly direction 1220.7 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 71° 13' E. 268.1 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 17° 57' E. 1488.2 feet to a 4x4 post in stone monument being at the southeast corner of said claim; thence S. 71° 13' W. 264.4 feet to a 4x4 post in stone monument at the center of the south end of said claim; thence S. 71° 13' W. 248.0 feet to a 4x4 post in stone mon being at the southwest corner of said claim; thence N. 18° 39' W. 1488.0 feet to a 4x4 post in stone mon at the northwest corner of said claim; thence N. 71° 13' E. 262.3 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Republic Mining Claim, located by L. S. Powell on the 1st day of January 1902, and recorded in Book 19 of Records of Mines, at page 370, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 1909

This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record. Witness:- L. S. Powell its Superintendent and lawful agent. The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11 o'clock, A.M., on this 12th day of July 1909 and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 212.

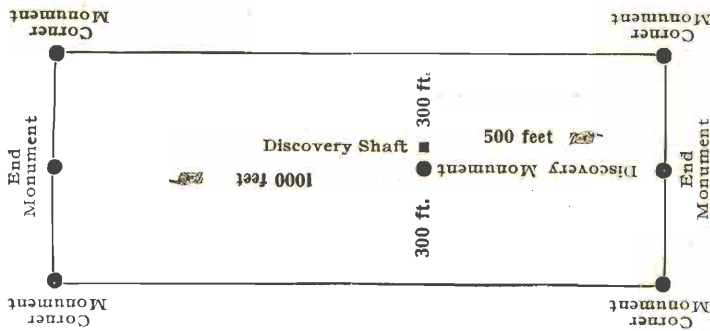
WITNESS my hand and official seal the day and year first above written.

G. F. Watson
 County Recorder.

By Deputy.

N. N. Wells

AMENDED
Notice of Location.
 LODGE CLAIM.
 Republic
 Located by
 The Lake Superior & Arizona
 Mining & Smelting Co.,
 Dated July 1st 1909
 Filed and Recorded at request of
 J. E. O'Connor
 July 12th, 1909 A. D. 1909
 at 11 O'Clock A. M.
 Book 1 of Mines Amended
 Pages 212
 G. F. Watson
 County Recorder.
 By N. N. Wells
 Deputy Recorder.
 The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, county recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the Republic Mining Claim, is a full, true and correct copy of the original, as the same appears on record in this office in Book No 1 of Mines Amended, at pages.. 212

Witness my hand and seal of office, this the 14th day of July, A. D. 1909

Recorder.....*G. F. Watson*.....

AMENDED

Notice of Mining Location

JUL 19 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Caledonia
 Mining Claim, situate on lands belonging to the United States of America, and in which there
 are valuable mineral deposits, was entered upon and located for the purposes of exploration and
 purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W.
 Hoar, its Superintendent and lawful agent and who is a citizen of the
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
United States,
 the undersigned, on the 1st day of July 1909.

The length of this claim is fifteen hundred feet,
 and I claim thirteen hundred ninety three and nine tenths feet,
 in a northerly direction and one hundred six
and one tenth feet in a southerly direction from
 the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
 with three hundred feet in width of the surface grounds, on each
 side of the center of said claim. The general course of the lode deposit and premises is from the
north to the south.

The claim is situated and located in the Pioneer Mining District, in
Pinal County, in the Territory of Arizona, about four miles
 in a easterly direction from Picket Post Butte, the most
 prominent natural object in this horizon. From the southwest corner
 the U. S. M. M. No. 1 bears S. 20° 33' W. 2485.3 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
 A 4x4 post in a stone monument

at a point in a northerly direction 1393.9 feet from
 the discovery shaft (at which this notice is posted), being in the center of the north
 end line of said claim; thence N. 61° 47' E. 266.9 feet to a 4x4 post in a
stone monument, being the northeast corner of said claim; thence
S. 15° 11' E. 1493.8 feet to a 4x4 post in stone monument, being at the
southeast corner of said claim; thence S. 61° 47' W. 293.5 feet
 to a 4x4 post in stone monument at the center of the south end of said claim;
 thence S. 61° 47' W. 300.0 feet to a 4x4 post in stone mon, being at the
southwest corner of said claim; thence N. 14° 02' W. 1501.1
 feet to a 4x4 post in stone mon. at the northwest corner of said claim;
 thence N. 61° 47' E. 295.6 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
 the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
 and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Caledonia
 Mining Claim, located by George Lobb and R. Trevethan
 on the 1st day of
January 1901, and recorded in Book 18 of Records of Mines, at
 page 254, in the office of the County Recorder of the aforesaid County of Pinal
 to which reference is hereby made, and this Amended Location Notice is made and posted to
 correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 1909.

This further certificate of location is made without waiver of any pre-
 vious rights, but to correct any error in prior location or record.
 Witness:- Sam Bone its Superintendent and lawful agent.
 The Lake Superior & Arizona Mining & Smelting Co. by F. W. Hoar

TERRITORY OF ARIZONA,
County of Pinal. } ss.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11 o'clock, A. M., on this 12th day of July, 1909 and duly recorded in Book No. 1 Mines Amended Records of Pinal County, Arizona, at pages 211.

WITNESS my hand and official seal the day and year first above written.

G. F. Watson, County Recorder.

By Deputy.

N. N. Wells

AMENDED
Notice of Location.
LODE CLAIM.

Caledonia

Located by
The Lake Superior & Arizona
Mining & Smelting Co.

Dated July 1st 1909

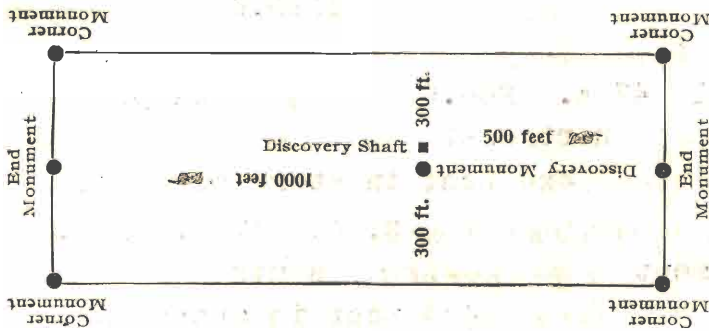
Filed and Recorded at request of
J. E. O'Connor

July 12th 1909 A. D. 1909
at 11 O'clock A. M.

Book 1 of Mines Amended
Pages 211.

G. F. Watson, County Recorder.
By N. N. Wells, Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, county Recorder,
in and for the county of Pinal, Territory of Arizona, do hereby
certify that the above and foregoing " Amended Notice of
Location of the Caledonia Mining Claim, is a full, true and
correct copy of the original, as the same appears on record in
this office in Book 1 of Mines Amended at page,,, 211.

Witness my hand and seal of office, this the 14th day of July,
A. D. 1909

Recorder... *G. F. Watson*.....

AMENDED

Notice of Mining Location ✓

JUL 19 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Sunnyside Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar, its Superintendent and lawful agent and who is a citizen of the United States. (Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.") the undersigned, on the 1st day of July 1909

The length of this claim is fourteen hundred eighty eight & six tenths feet, and I claim thirteen hundred ninety one and one tenth feet, in a northerly direction and ninety seven and five tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in an easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the southwest corner the U. S. M. M. No. 1 bears S. 7° 39' W. 3819.1 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northerly direction 1391.1 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 61° 47' E. 300.0 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 1° 58' W. 1497.1 feet to a 4x4 post in stone monument being at the southeast corner of said claim; thence S. 61° 47' W. 282.9 feet to a 4x4 post in stone monument at the center of the south end of said claim; thence S. 61° 47' W. 279.6 feet to a 4x4 post in stone mon being at the southwest corner of said claim; thence N. 00° 53' E. 1481.3 feet to a 4x4 post in stone mon at the northwest corner of said claim; thence N. 61° 47' E. 295.1 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Sunnyside Mining Claim, located by W. E. Holman and George Lobb on the 14th day of March 1902, and recorded in Book 19 of Records of Mines, at page 523, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 1st day of July 1909

This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record. Witness:- Sam Bone The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar its Superintendent and lawful agent.

TERRITORY OF ARIZONA,
 County of Pinal } ss.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 11 o'clock, A. M., on this 12th day of July, 1909, and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 213.

WITNESS my hand and official seal the day and year first above written.

G. F. Watson
 County Recorder.

By Deputy.

N. N. Wells

AMENDED
Notice of Location.
 LODGE CLAIM.

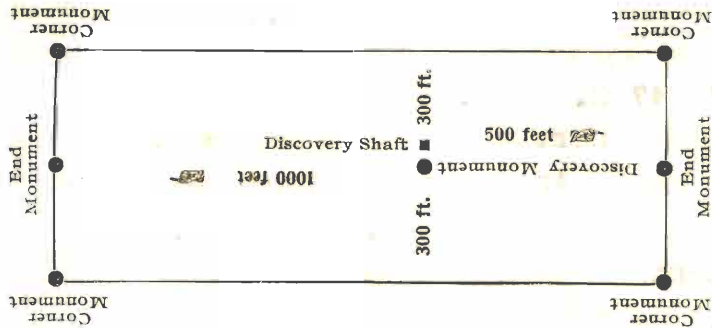
Sunnyside
 Located by
 The Lake Superior & Arizona
 Mining & Smelting Co.

Dated July 1st 1909

Filed and Recorded at request of
 J. E. O'Connor

July 12th 1909 A. D. 1909
 at 11 O'clock A. M.
 Book 1 of Mines Amended
 Pages 213
 G. F. Watson
 County Recorder.
 By N. N. Wells
 Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, county recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the Sunnyside Mining Claim, is a full, true and correct copy of **the** original, as the same appears on record in this office, in book No 1 of Mines Amended, at page. 213.

Witness my hand and seal of office this the 14th day of July,
A. D. 1909

Recorder.....*G. F. Watson*..

AMENDED

Notice of Mining Location

LODE CLAIM

OCT. 15 1910

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Wedge Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchased by The Lake Superior & Arizona Mining & Smelting Co. by

F.W. Hoar, a citizen of the United States, its agent
(Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 13th day of Oct., 1910.

The length of this claim is 1077.7 feet, and I claim 141.7 feet, in a S. 26° - 36E direction and 936.0 feet in a N. 26-36 W. direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with respectively 82.4 and 115.0 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the S.E. to the N.W.

The claim is situated and located in the Pioneer Mining District, in Pinal County in the Territory of Arizona, about four mile in an easterly direction from Picket Post Butte. U.S.M.M. No 1. bears approximately S. 28°-00' W. 1405.0 feet from the SW corner.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone

at a point in a S. 26°-36 E. direction 141.7 feet from the discovery shaft (at which this notice is posted), being in the center of the SE end line of said claim; thence S. 70-54' W. 116.0 feet to a mon of stone, being the S.W. corner of said claim; thence N. 26° 36' W. 1077.7 feet to a Mon of stone, being at the N.W. corner of said claim; thence N. 70°-54' E. 116.0 feet to a 4 X 4 post in a mon. at the center of the NW end of said claim; thence N. 70° 54' E. 83.1 feet to a mon of stone, being at the N. E. corner of said claim; thence S. 26°- 36' E. 1077.7 feet to a 4 X 4 post in a mon. at the S.E. corner of said claim; thence S. 70° 54' W. 83.1 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled, "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the WEDGE Mining claim, located by The Lake Superior & Arizona Mining & Smelting Co. by F.W. Hoar agent on the 21st day of May, 1908, and recorded in Book 26 of Records of Mines, at page 336, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13th day of October, 1910.

Percy Bell, Lake Superior & Arizona Mining & Smelting Co. By F.W. Hoar, Agent.
Witness.

Territory of Arizona)
County of Pinal) ss.

I, G.F. Watson, County Recorder in the County of Pinal, Territory of Arizona, hereby certify that the above and foregoing is full, true and correct copy of the Amended Notice of Location of the *Wedge* Mining Claim as the same appears of record in the Office of the County Recorder of the County of Pinal, Territory of Arizona, in Book 1 of Mines, at page - ^{amended} 340.

Given under my hand and seal of office this 14th day of October, A. D. 1910.

G.F. Watson
County Recorder.

RECORDED
INDEXED

AMENDED

Notice of Mining Location

JUL 19 1909
JUL 22 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Skyward Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar, its Superintendent and lawful agent and who is a citizen of the United States, the undersigned, on the 10th day of July 1909

The length of this claim is twelve hundred and twenty four feet, and I claim three hundred thirty seven and one tenth feet, in a northerly direction and eight hundred eighty six & nine tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the south

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in a n easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the southwest corner the U. S. M. M. No. 1 bears S. 57° 16' W. 2488.7 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northerly direction 337.1 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 61° 04' E. 300.0 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 28° 56' E. 1224.0 feet to a 4x4 post in stone monument, being at the southeast corner of said claim; thence S. 61° 04' W. 300.0 feet to 4x4 post in stone monument at the center of the south end of said claim; thence S. 61° 04' W. 300.0 feet to 4x4 post in stone mon, being at the southwest corner of said claim; thence N. 28° 56' W. 1224.0 feet to a 4x4 post in stone mon, at the northwest corner of said claim; thence N. 61° 04' E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Skyward Mining Claim, located by D. D. Worcester on the 16th day of May 1907, and recorded in Book B of Records of Mines, at page 212, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 10th day of July 1909. This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record. The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar its Superintendent and lawful agent.

Witness:- Sam Bone

TERRITORY OF ARIZONA,
County of Pinal. } ss.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, P. M., on this 15th day of July, 1909 and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 221.

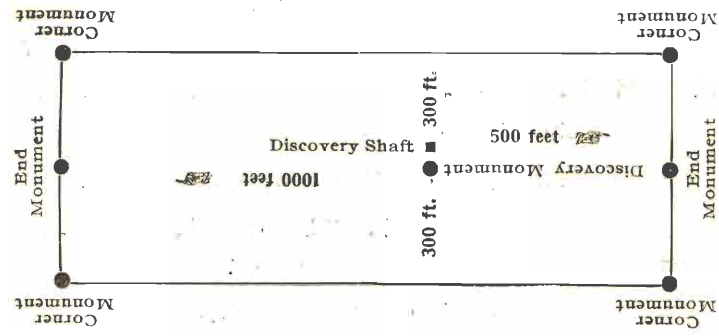
WITNESS my hand and official seal the day and year first above written.

G. F. Watson, County Recorder.

By Deputy.
N. N. Wells..

AMENDED
Notice of Location.
LODE CLAIM.
SKYWARD
Located by
The Lake Superior & Arizona
Mining & Smelting Co.
Dated July 10th 1909
Filed and Recorded at request of
J. E. O'Connor
July 15th A. D. 1909
at 1 O'clock P. M.
Book 1 of Mines Amended
Pages 221
G. F. Watson, County Recorder.
By N. N. Wells, Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss

I, G. F. Watson, County Recorder
in and for the County of Pinal, Territory of Arizona, do hereby
certify that the above and foregoing Amended Notice of Location
of the Skyward mining claim, is a full, true and correct copy of
the original, as the same appears on record in this office in
Book No. 1 of Mines Amended at page.. 221

Witness my hand and seal of office this the 16th day of July, A. D.
1909

Recorder... *G. F. Watson*

JUL 19 1909

AMENDED

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the New Calumet Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W.

Hoar, its Superintendent and lawful agent and who is a citizen of the United States, the undersigned, on the 10th day of July 1909.

The length of this claim is fifteen hundred feet, and I claim fourteen hundred eleven and five tenths feet, in a northeasterly direction and eighty eight and five tenths feet in a southwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the northeast to the southwest.

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in an easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the southwest corner the U. S. M. M. No. 1 bears S. 62° 13' W. 2431.8 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at A 4x4 post in a stone monument

at a point in a northeasterly direction 1411.5 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence S. 15° 19' E. 269.0 feet to a 4x4 post in a stone monument, being the southeast corner of said claim; thence S. 45° 08' W. 1500.0 feet to a 4x4 post in stone monument, being at the southwest corner of said claim; thence N. 15° 19' W. 269.0 feet to a 4x4 post in stone monument at the center of the west end of said claim; thence N. 15° 19' W. 331.0 feet to a 4x4 post in stone monument being at the northwest corner of said claim; thence N. 45° 08' E. 1500.0 feet to a 4x4 post in stone monument at the northeast corner of said claim; thence S. 15° 19' E. 331.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the New Calumet Mining Claim, located by The Lake Superior & Arizona Mining Co., by Alfred C. Sieboth, Agent on the 21st day of December 1903, and recorded in Book 21 of Records of Mines, at page 235, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 10th day of July 1909.

This further certificate of location The Lake Superior & Arizona Mining & Smelting Co., is made without waiver of any previous rights, but to correct any error in prior location or record. by F. W. Hoar its Superintendent and lawful agent.

Witness:- Sam Bone

TERRITORY OF ARIZONA,

County of Pinal ss.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, P.M., on this 15th day of July, 1909, and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 222

WITNESS my hand and official seal the day and year first above written.

G. F. Watson County Recorder.

By Deputy

N. N. Wells.

AMENDED Notice of Location.

LODE CLAIM.

NEW CALUMET

Located by

The Lake Superior & Arizona

Mining & Smelting Co.

Dated July 10th 1909

Filed and Recorded at request of

J. E. O'Connor

July 15th, 1909 A. D. 190

at 1 O'clock P. M.

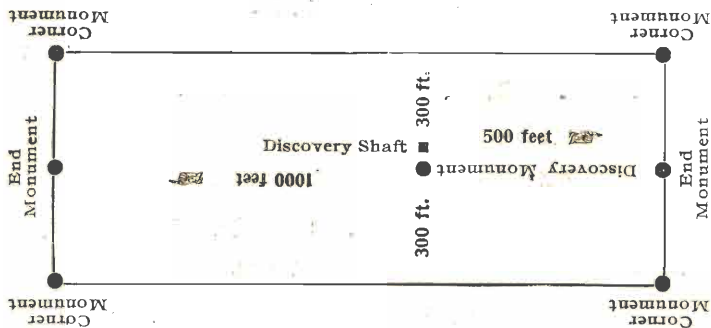
Book 1 of Mines Amended

Pages 222

G. F. Watson County Recorder.

By N. N. Wells Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim,

Territory of Arizona

County of Pinal. ss

I, G. F. Watson, County Recorder,
in and for the County of Pinal, Territory of Arizona, do hereby
certify that the above and foregoing Amended Notice of Location
of the New Calumet Mining claim, is a full, true and correct
copy of the original as the same appears on record in this office
in Book No. 1 of Mines Amended at page..... 222.

Witness my hand and seal of office this the 16th day of July,
A. D. 1909

Recorder... *G. F. Watson*

AMENDED

85

Notice of Mining Location

JUL 19 1909

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Red Cloud
 Mining Claim, situate on lands belonging to the United States of America, and in which there
 are valuable mineral deposits, was entered upon and located for the purposes of exploration and
 purchase by The Lake Superior & Arizona Mining Smelting Co., by F. W.
Hoar, its Superintendent and lawful agent and who is a citizen of the
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
United States,
 the undersigned, on the 10th day of July 1909.

The length of this claim is fifteen hundred feet,
 and I claim six hundred and eighty feet,
 in a northeasterly direction and eight hundred
and twenty feet in a southwesterly direction from
 the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
 with three hundred feet in width of the surface grounds, on each
 side of the center of said claim. The general course of the lode deposit and premises is from the
northeast to the southwest.

The claim is situated and located in the Pioneer Mining District, in
Pinal County, in the Territory of Arizona, about four miles
 in an easterly direction from Picket Post Butte, the most
 prominent natural object in this horizon. From the northwest corner
 the U. S. M. M. No. 1 bears S. 76° 29' W. 2375.5 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
A 4x4 post in a stone monument

at a point in a northeasterly direction 680.0 feet from
 the discovery shaft (at which this notice is posted), being in the center of the east
 end line of said claim; thence S. 15° 19' E. 300.0 feet to a 4x4 post in a
stone monument, being the southeast corner of said claim; thence
S. 45° 08' W. 1500.0 feet to a 4x4 post in stone monument, being at the
southwest corner of said claim; thence N. 15° 19' W. 300.0 feet
 to a 4x4 post in stone monument at the center of the west end of said claim;
 thence N. 15° 19' W. 300.0 feet to a 4x4 post in stone mon, being at the
northwest corner of said claim; thence N. 45° 08' E. 1500.0
 feet to a 4x4 post in stone mon, at the northeast corner of said claim;
 thence S. 15° 19' E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
 the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
 and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

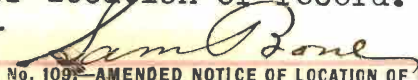
This is an Amended Location Notice of the Red Cloud
 Mining Claim, located by A. F. Bellamy

on the 15th day of
August 1903, and recorded in Book 21 of Records of Mines, at
 page 34, in the office of the County Recorder of the aforesaid County of Pinal
 to which reference is hereby made, and this Amended Location Notice is made and posted to
 correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 10th day of July 1909.

This further certificate of location is made without waiver of any pre-The Lake Superior & Arizona Mining &
 vious rights, but to correct any er-Smelting Co., by
 ror in prior location or record. F. W. Hoar
 its Superintendent and lawful agent.

Witness:-



County of Pinal } ss.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, P.M., on this 15th day of July, 1909 and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 219...

WITNESS my hand and official seal the day and year first above written.

G. F. Watson, County Recorder.

By Deputy.

N. N. Wells.

AMENDED Notice of Location.

LODE CLAIM.

RED CLOUD

Located by

The Lake Superior & Arizona Mining & Smelting Co.

Dated July 10th 1909

Filed and Recorded at request of

J. E. O'Connor.

July 15th, 1909 A. D. 1909 at 1 O'Clock P. M.

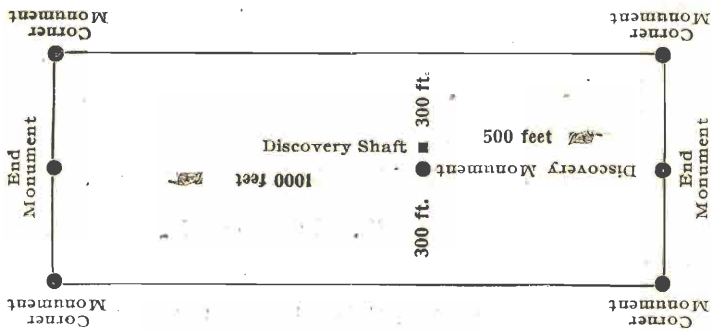
Book 1 of Mines Amended

Pages 219

G. F. Watson, County Recorder.

By N. N. Wells, Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal.

ss.

I, G. F. Watson, County Recorder in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the Red Cloud Mining Claim, is a full, true and correct copy of the original as the same appears on record in this office, in Book No. 1 of Mines Amended at page..... 219...

Witness my hand and seal of office this **the** 16th day of July, A. D. 1909

Recorder... *G. F. Watson*...

AMENDED

Notice of Mining Location

LODE CLAIM

JUL 19 1909

To All Whom It May Concern:

This Mining Claim, the name of which is the Excelsior
 Mining Claim, situate on lands belonging to the United States of America, and in which there
 are valuable mineral deposits, was entered upon and located for the purposes of exploration and
 purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W.
 Hoar, its Superintendent and lawful agent and who is a citizen of the
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
United States,
 the undersigned, on the 10th day of July 1909.

The length of this claim is fifteen hundred feet,
 and I claim two hundred seventeen feet;
 in a northeasterly direction and twelve hundred
eighty three feet in a southwesterly direction from
 the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
 with three hundred feet in width of the surface grounds, on each
 side of the center of said claim. The general course of the lode deposit and premises is from the
northeast to the southwest

The claim is situated and located in the Pioneer Mining District, in
Pinal County, in the Territory of Arizona, about four miles
 in an easterly direction from Picket Post Butte, the most
 prominent natural object in this horizon. From the southwest corner
 the U. S. M. M. No. 1 bears S. 76° 29' W. 2375.5 feet.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
A 4x4 post in a stone monument

at a point in a northeasterly direction 217.0 feet from
 the discovery shaft (at which this notice is posted), being in the center of the east
 end line of said claim; thence S. 15° 19' E. 300.0 feet to a 4x4 post in a
stone monument, being the southeast corner of said claim; thence
S. 45° 08' W. 1500.0 feet to a 4x4 post in stone monument, being at the
southwest corner of said claim; thence N. 15° 19' W. 300.0 feet
 to a 4x4 post in stone monument at the center of the west end of said claim;
 thence N. 15° 19' W. 300.0 feet to a 4x4 post in stone mon, being at the
northwest corner of said claim; thence N. 45° 08' E 1500.0
 feet to a 4x4 post in stone mon at the northeast corner of said claim;
 thence S. 15° 19' E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
 the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
 and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Excelsior
 Mining Claim, located by A. F. Bellamy and Worth Bellamy
 on the 15th day of
July 1902, and recorded in Book 20 of Records of Mines, at
 page 68, in the office of the County Recorder of the aforesaid County of Pinal
 to which reference is hereby made, and this Amended Location Notice is made and posted to
 correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 10th day of July 1909
 This further certificate of location
 is made without waiver of any pre-
 vious rights, but to correct any er-
 ror in prior location or record.
 Witness:- Sam Bone The Lake Superior & Arizona Mining &
 Smelting Co., by F. W. Hoar
 its Superintendent and lawful agent.

TERRITORY OF ARIZONA,

County of Pinal..... } ss.

I, G. F. Watson....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....1.....o'clock,.....P.....M., on this.....15th.....day of.....July.....1909 and duly recorded in Book No.....1.. of Mines Amended.....Records of.....Pinal.....County, Arizona, at pages.....220.....

WITNESS my hand and official seal the day and year first above written.

G. F. Watson..... County Recorder.

By Deputy

N. N. Wells.

AMENDED Notice of Location.

LODE CLAIM.

EXCELSIOR

Located by

The Lake Superior & Arizona Mining & Smelting Co.

Dated July 10th 1909

Filed and Recorded at request of

J. E. O'Connor.....

July. 15th, 1909 P. M.

at 1 O'clock P. M.

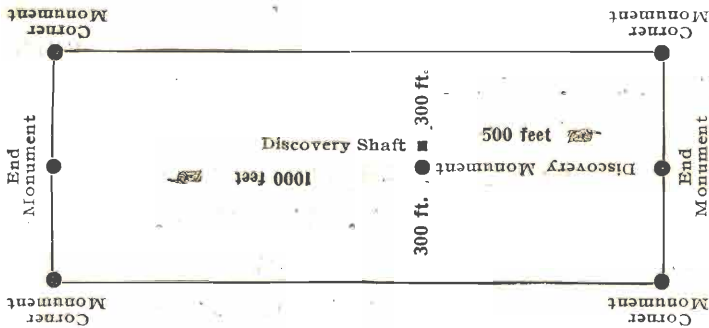
Book 1 of Mines Amended

Pages 220.

G. F. Watson..... County Recorder.

By N. N. Wells..... Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, County Recorder, in and for ~~the~~ County of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the Excelsior mining claim, is a full, true and correct copy of the original as the same appears on record in this office in Book No. 1 of Mines Amended at page... 220

Witness my hand and seal of office this the 16th day of July, A. D. 1909

Recorder... *G. F. Watson*

2706 91 12
AUG-1909

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Security Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Geo. J. Cansler and J. B. Newman, citizens of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 13th day of August 1907.

The length of this claim is 1500.0 feet, and we claim 658.0 feet,

in a S. 23 20 E. direction and 842.0 feet in a N. 23 20 W. direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 278.1 feet in width of the surface grounds, on each

side of the center of said claim. The general course of the lode deposit and premises is from the South to the North

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about 3 miles

in a N. E. direction from Picketpost Mountain

The south end center monument of this claim is about 100 feet N.E. of Superior Post Office.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone

at a point in a S. 23 20 E. direction 658.0 feet from the discovery shaft (at which this notice is posted,) being in the center of the South

end line of said claim; thence N. 88 42 E. feet to a post in a monument, being the S. E. corner of said claim; thence

N. 23 20 W. 1500.0 feet to a post in monument, being at the N. E. corner of said claim; thence S. 88 42 W. 300.0 feet

to a monument of stone at the center of the North end of said claim; thence S. 88 42 W. 300.0 feet to a post in a monument being at the

N. W. corner of said claim; thence S. 23 20 E. 1500.0 feet to a post in a monument at the S. W. corner of said claim; thence N. 88 42 E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Security Mining Claim, located by Geo. J. Cansler and J. B. Newman

on the 14th day of June 1905, and recorded in Book 23 of Records of Mines, at

page 73, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13th day of August 1907.

(Signed) J. B. Newman
Geo. J. Cansler

E. T. Stewart
Witness

TERRITORY OF ARIZONA, }
County of.....Pinal..... } ss.

I,.....G.....F.....Watson....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at.....4.....o'clock,.....P.....M., on this.....5th.....day of.....August.....190.....9 and duly recorded in Book No.....1..... of Mines Amended.....Records of.....Pinal.....County, Arizona, at pages.....229.....

WITNESS my hand and official seal the day and year first above written.

.....G.....F.....Watson..... County Recorder.

By Deputy.

N. N. Wells.....

AMENDED
Notice of Location.
LODE CLAIM.

Security.....

Dated August 13th. 1907.....

Filed and Recorded at request of

J. E. O'Connor.....

August. 5th. A. D. 1909.....

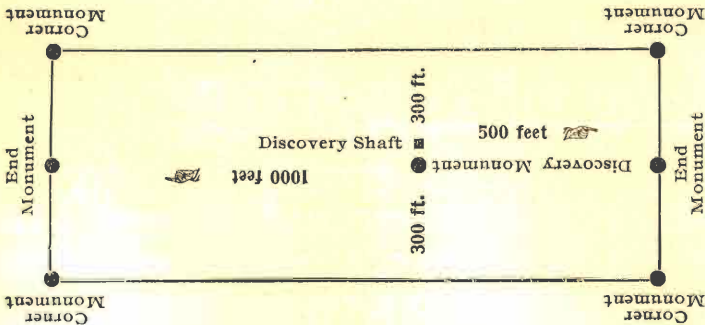
at 4 O'clock P. M.

Book 1 of Mines Amended

Pages 229

G. F. Watson..... County Recorder.

By N. N. Wells..... Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal.

ss.

I, G. F. Watson, County Recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the " Security " mining claim , is a full, true and correct copy of the original, as the same appears on record in this office, in Book 1 of Mines Amended , at page 229 .

Witness my hand and seal of office, this the 5th day of August, A. D. 1909

Recorder.....*G. F. Watson*.....

By Deputy.....*N. N. Kells*.....

2705

13

94
AUG 9-1909

AMENDED Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Safety
Mining Claim, situate on lands belonging to the United States of America, and in which there
are valuable mineral deposits, was entered upon and located for the purposes of exploration and
purchase by Geo. J. Cansler and J.B. Newman, citizens of the
United States.

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 13th day of August 1907.

The length of this claim is 1500.0 feet,
and we claim 137.0 feet,

in a S. 14 04 E. direction and 1363.0
feet in a N. 14 04 W. direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 295.8 feet in width of the surface grounds, on each

side of the center of said claim. The general course of the lode deposit and premises is from the
South to the North

The claim is situated and located in the Pioneer Mining District, in
Pinal County, in the Territory of Arizona, about 3 miles
in a N. E. direction from Picketpost Mountain

The south end of this claim joins the north end of the Winsor
Claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
a monument of stone

at a point in a S. 14 04 E. direction 137.0 feet from
the discovery shaft (at which this notice is posted,) being in the center of the South
end line of said claim; thence N. 81 36 E. 297.3 feet to a post in a monument
, being the S.E. corner of said claim; thence
N. 14 04 W. 1500.0 feet to a post in a monument , being at the
N. E. corner of said claim; thence S. 81 36 W. 297.3 feet
to a Mon. of stone at the center of the north end of said claim;
thence S. 81 36 W. 297.3 feet to a post in a monument, being at the
N.W. corner of said claim; thence S. 14 04 E. 1500.0
feet to a post in a monument at the S.W. corner of said claim;
thence N. 81 36 E. 297.3 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of
the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise
and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Safety
Mining Claim, located by Geo. J. Cansler and J.B. Newman

on the 14th day of
June, 1906, and recorded in Book 23 of Records of Mines, at

page 74, in the office of the County Recorder of the aforesaid County of Pinal
to which reference is hereby made, and this Amended Location Notice is made and posted to
correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13th day of August 1907.

(Signed) E.T. Stewart (Signed) Geo. J. Cansler
J.B. Newman
Witness.

I, G. F. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 4 o'clock, P.M., on this 5th day of August, 1909, and duly recorded in Book No. 1 of Mines Amended Records of Pinal County, Arizona, at pages 230.

WITNESS my hand and official seal the day and year first above written.

G. F. Watson, County Recorder.

By Deputy.

N. N. Wells

AMENDED
Notice of Location.
LODE CLAIM.

Safety

Dated August 13th, 1907 190

Filed and Recorded at request of

J. E. O'Connor

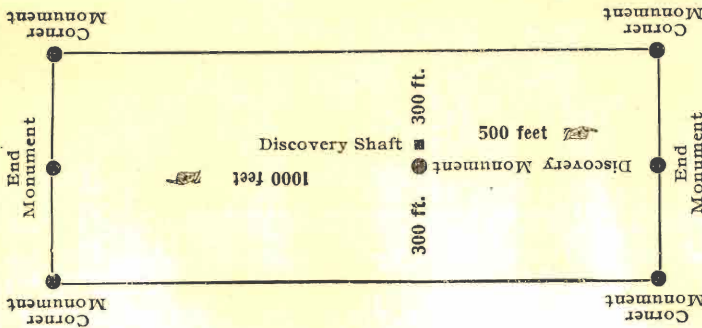
August 5th, 1909 D. 190
at 4 O'Clock P.M.

Book 1 of Mines Amended

Pages 230

G. F. Watson, County Recorder.

By N. N. Wells, Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Territory of Arizona

County of Pinal. ss.

I, G. F. Watson, County Recorder, in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Amended Notice of Location of the " Safety " Mining Claim, is a full, true and correct copy of the original, as the same appears on record in this office, in Book 1 of Mines Amended , at page. 230.

Witness my hand and seal of office, this the 5th day of August, A. D. 1909

G. F. Watson

Recorder... ..

N. N. Wells

By Deputy... ..

AMENDED

NOTICE OF MINING LOCATION.

LODE CLAIM.

OCT. 15. 1910

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the QUIEN SABE Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co. by F. W. Hoar, a citizen of the United States, its agent, the undersigned, on the 13th day of October, 1910.

The length of this claim is 480.0 feet, and I claim 135.0 feet, in a S. $11^{\circ} 58'$ E. direction and 345.0 feet in a N. $11^{\circ} 58'$ W. direction from the center of the discovery shaft, at which this notice, lengthwise of the claim, together with respectively, 85.5 and 199.1 in width of the surface grounds on each side of the middle of the vein at the north end of the claim and 145.2 and 300.0 ft. in width of the surface grounds on each side of the middle of the vein at the south end of claim. The general course of the lode deposit and premises is from the South to the North.

The claim is situated and located in the Pioneer Mining District in Pinal County, in the Territory of Arizona, about 3 1/2 miles in an easterly direction from Picket Post Butte, from the S. W. Corner U. S. M. N. No. 1 bears approximately S. $41^{\circ} 40'$ W. 990.0 ft.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a mon of stone at a point in a S. $11^{\circ} 58'$ E. direction 135.0 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence S. $70^{\circ} 54'$ W. 300.0 feet to a mon. of stone, being the S.W. corner of said claim; thence N. $00^{\circ} 31'$ W. feet to a mon. of stone, being at the N. W. corner of said claim; thence N. $70^{\circ} 54'$ E. 199.1 feet to a 4 x 4 post in a mon. at the center of the North end of said claim; thence N. $70^{\circ} 54'$ E. 85.5 feet to a 4 x 4 post in a mon,

being at the N. E. corner of said claim; thence S. $19^{\circ} 10'$ E. 476.0 feet to a mon. of stone at the S.E. corner of said claim; thence S. $70^{\circ} 54'$ W. 145.2 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII of the Revised Statutes of the United States, and of any Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona", Approved March 16, 1901.

This is an Amended Location Notice of the QUIEN SABE Mining Claim, located by Wm. McGraw on the 7th day of February, 1908, and recorded in Book B of Records of Mines, at page 552 in the office of the County Recorder of the aforesaid County of Pinal, to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13th day of October, 1910.

Lake Superior & Arizona Mining & Smelting Co.,

By F. W. Hoar, Agent.

Percy Bell,

Witness.

Territory of Arizona }
 County of Pinal } ss.

I, G. F. Watson, County Recorder in the County of Pinal, Territory of Arizona, hereby certify that the above and foregoing is full, true and correct copy of the Amended Notice of Location of the *Quinabe*, Mining Claim as the same appears of record in the Office of the County Recorder of the County of Pinal, Territory of Arizona, in Book / of Mines, at ^{amended} page -339-

Given under my hand and seal of office this 14th day of October, A. D. 1910.

G. F. Watson
 County Recorder.

AMENDED

Notice of Mining Location

LODE CLAIM

JCT. 15 1910

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the Gertrude Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchased by The Lode Superior & Arizona Mining & Smelting Co. by F. W. Horn, a Citizen of the United States, its Agent (Locator must insert either "a citizen of the United States," or "who has declared his intention to become a citizen of the United States.") the undersigned, on the 13 day of October, 1910

The length of this claim is 1495.0 feet, and 9 claim 344.7 feet, in a N 08°-00 E direction and 1150.3 feet in a S 508°-00 W direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with respectively 236.1 and 300.0 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the South to the North

The claim is situated and located in the Pioneer Mining District, in Pinal County in the Territory of Arizona, about 3 1/2 miles in a North East direction from Picket Post Butte from the N.E. corner US M. M. No 1 bears S. 21° 42' N. 638.8 feet

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a Monument of Stone at a point in a S. 08.00 W. direction 1150.3 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence S. 70° 54' N. 336.9 feet to a Mon. of Stone, being the S.W. corner of said claim; thence N. 08°-00 E 1495.0 feet to a Mon. of Stone, being at the N.W. corner of said claim; thence N. 70° 54' E 336.9 feet to a Mon. of Stone at the center of the North end of said claim; thence N. 70° 54' E 265.2 feet to a Mon. of Stone, being at the N.E. corner of said claim; thence S 508°-00' N. 1495.0 feet to a Mon. of Stone at the S.E. corner of said claim; thence S. 70°-54' N. 265.2 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled, "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the Gertrude Mining claim, located by F. W. Horn on the 13th day of January, 1910, and recorded in Book D of Records of Mines, at page 274, in the office of the County Recorder of the aforesaid County of _____ to which reference is hereby made, and this Amended location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 13 day of October, 1910
Percy Bell
Witness
Lode Superior & Arizona
Mining & Smelting Co.
By F. W. Horn, Agent

Territory of Arizona }
 County of Pinal } ss.

I, G. F. Watson, County Recorder in the County of Pinal, Territory of Arizona, hereby certify that the above and foregoing is full, true and correct copy of the Amended Notice of Location of the *Bertudde* Mining Claim as the same appears of record in the Office of the County Recorder of the County of Pinal, Territory of Arizona, in Book 1 of Mines, ^{amended} at page - 338

Given under my hand and seal of office this 14th day of October, A. D. 1910.

G. F. Watson
 County Recorder.

Amended

NOTICE OF MINING LOCATION

Lode Claim.

SEP 12 1910

TO ALL WHOM IT MAY CONCERN:

This Mining Claim, the name of which is the SQUARE DEAL Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by The Lake Superior & Arizona Mining & Smelting Co., by F. W. Hoar, its Superintendant and lawful agent and who is a citizen of the United States, the undersigned, on the 10th day of July, 1909.

The length of this claim is fourteen hundred ninety six and two tenths feet and I claim two hundred ninety seven and five tenths feet, in a northerly direction and eleven hundred ninety eight and seven tenths feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the north to the South.

The claim is situated and located in the Pioneer Mining District, in Pinal County, in the Territory of Arizona, about four miles in an easterly direction from Picket Post Butte, the most prominent natural object in this horizon. From the northwest corner the U. S. M. M. No. 1 bears S. 21° 42' W. 638.8 feet. This claim parallels and adjoins the Surpriser No. 2, a patented claim, on the west. The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 post in a stone monument at a point in a northerly direction 297.5 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence N. 70° 50' E. 308.3 feet to a 4x4 post in a stone monument, being the northeast corner of said claim; thence S. 8° 15' W. 1500.0 feet to a 4x4

post in stone monument, being at the southeast corner of said claim; thence S. $70^{\circ} 50'$ W. 300.0 feet to a 4x4 post in stone monument at the center of the south end of said claim; thence S. $70^{\circ} 50'$ W. 300.0 feet to a 4x4 post in stone mon., being at the southwest corner of said claim; thence N. $7^{\circ} 58'$ E. 1496.2 feet to a 4x4 post in stone mon., at the northwest corner of said claim; thence N, $70^{\circ} 50'$ E. 300.0 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the SQUARE DEAL Mining Claim, located by The Lake Superior & Arizona Mining & Smelting Co. by Alfred C. Sieboth, Agent on the 11th day of October, 1906, and recorded in Book 24 of Records of Mines, at page 401, in the office of the County Recorder of the aforesaid County of Pinal to which reference is hereby made, and this Amended Location Notice is made and posted to correct errors in the description in the said original Location Notice.

Dated and posted on the ground this 10th day of July, 1909. This further certificate of location is made without waiver of any previous rights, but to correct any error in prior location or record.

The Lake Superior & Arizona Mining & Smelting Co.,

By F. W. Hoar, its Superintendent and lawful agent.

Witness: Sam Bone.

Filed and Recorded at request of J. E. O'Connor July 15th, 1909 A. D. at 1 o'clock P. M. Book 1 of Mines Amended, pages 217.

G. F. Watson, County Recorder.

By N. N. Wells, Deputy Recorder.

Territory of Arizona,)
(ss.
County of Pinal.)

I, G. F. Watson, County Recorder, in and for the
County of Pinal, Territory of Arizona, hereby certify that the
above and foregoing is a full, true and correct copy of the SQUARE
DEAL Mining Claim, as the same appears of record in Book No.1 of
Mines Amended, on page 217 thereof.

Witness my hand and seal of office this 13th day of September,
A. D. 1910.

G. F. Watson
Recorder.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

DEPARTMENT OF THE INTERIOR,
Office of U. S. Surveyor-General,

Phoenix, Arizona, June 16, 1911.

I, U. S. Surveyor-General for Arizona, do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

The Lake Superior & Arizona Mining & Smelting Co.,

known as the

GOLDEN EAGLE, GOLDEN EAGLE EXTENSION, GOLD CROWN, REPUBLIC, CALEDONIA, SUNNYSIDE, WEDGE, SKYWARD, NEW CALUMET, RED CLOUD, EXCELSIOR, SECURITY, SAFETY, QUIEN SABE, SQUARE DEAL, GIRTRUDE,

situate in

Pioneer Mining District, Pinal County, Arizona, in Secs. 35 & 36, T. 1 S., R. 12 E., unsurveyed, and Secs. 2 & 3, T. 2 S., R. 12 E., unapproved survey, and designated as SURVEY NO. 2860, 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.

And I further certify that with the exception of the Girtrude lode, which at the present time has not had the required amount of labor expended or improvements made thereon, five hundred dollars' worth of labor has been expended or improvements made upon or for each of said mining claims by claimant or its grantors, and that said improvements consist of 22 cuts, 19 shafts, 10 tunnels, 2 stopes and 7846.24 ft. of drifts and crosscuts, total value \$211,231.80. Improvement No. 3 on the Golden Eagle Extension lode being a common improvement for the benefit and development of this entire group of claims, with the exception of the Girtrude lode, which does not share therein for the reason that there has not been performed \$500 worth of work on said improvement subsequent to the location of said Girtrude lode, an undivided one-fifteenth interest

therein, value \$1281.00, is properly credited to each of the said claims. The system of workings designated as Common Improvement No. 2, consisting of Improvement No. 2 on the Golden Eagle Extension lode, Improvement No. 5 on the Caledonia lode and Improvement No. 2 on the Golden Eagle lode, being of practical benefit to all the claims of this survey with the exception of the Gold Crown, Square Deal and Girtrude lodes, an undivided 1/13 interest therein, value \$13,494, is properly credited to each of the other thirteen claims in this group; this improvement is so situated that the said Gold Crown, Square Deal and Girtrude lodes may not be developed or mined therefrom.

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

And I also 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.

Frank S. Ingalls.
United States Surveyor-General
for Arizona.

4-687.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

Office of U. S. Surveyor-General,

Phoenix, Arizona.

June 16, 1911., 190

I, U. S. Surveyor-General for Arizona,

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

The Lake Superior & Arizona Mining & Smelting Co.,

known as the GOLDEN EAGLE, GOLDEN EAGLE EXTENSION, GOLD CROWN, REPUBLIC, CALEDONIA, SUNNYSIDE, WEDGE, SKYWARD, NEW CALUMET, RED CLOUD, EXCELSIOR, SECURITY, SAFETY, QUIEN SABE, SQUARE DEAL, GIRTRUDE, situate in Pioneer Mining District,

Pinal County, Arizona,

in Sections 35 and 36, Township No. 1 S. 2 S., Range No. 12 E., (unapproved sur) 12 E., designated as Survey No. 2860,

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

Surveyor, October 15 - 27, 1910., under my instructions dated

October 15, 1910., have been critically examined and the necessary cor-

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

are hereby approved. A true copy of the copy of the location certificate filed by the applicant. for

survey is included in the field notes.

Juan A. Ingalls

U. S. Surveyor-General for Arizona,

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, upon the mining claim of
Magma Copper Company

known as the SQUARE DEAL,
situate in Pioneer mining district,
Pinal County, Arizona

in Sections 35, 2 & 3, Township No. 1 & 2 S. Range No. 12 E.;

that said improvements consist of , in addition to those reported at time
of survey, 1 diamond drill hole, value \$5000.

, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Edwin T. Stewart, U. S. Deputy Mineral Surveyor, dated
April 3, 1922., is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona.

April 5, 1922.

015276

109
APR-4 1922

(4-690.)

Report of Expenditures upon Mining Claim, filed by U. S. ~~Deputy~~ Mineral Surveyor after return of Survey.

I, Edwin T. Stewart, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 16,, 1922,

I have made a personal and thorough examination upon the premises, to ascertain the value of the labor expended and improvements made by claimant ~~or~~ grants upon the mining claim of MAGMA COPPER COMPANY

Square Deal, known as the Square Deal, situate in the Pioneer mining district, Pinal

County, Arizona, in Section 35, 2 and 3, Township No. 1 and 2 S., Range No. 12 E., surveyed by me Oct. 15 to 27, 1910, and designated as Survey No. 2860;

that the value of the labor so expended and improvements so made are as fully stated in my report of said examination, hereto attached; that the character, extent, location and itemized value of said improvements 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. ~~Deputy~~ Mineral Surveyor.

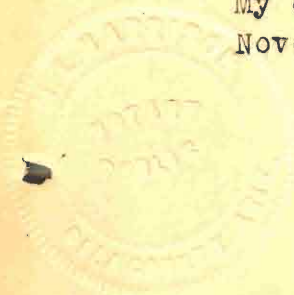
Subscribed and sworn to by the said Edwin T. Stewart, U. S. ~~Deputy~~ Mineral Surveyor, before me

this 3rd day of April, 1922:

My commission expires November 12, 1924.

M. L. Harrison

Notary Public, Gila
County, Arizona.



4 20 2 24-11-5

APR-4 1921

SUPPLEMENTAL REPORT OF IMPROVEMENTS MADE
ON THE SQUARE DEAL LODE OF MINERAL SUR-
VEY NO. 2860 AFTER RETURN OF SURVEY.

I hereby certify that the improvements made upon
the Square Deal lode of Mineral Survey No. 2860, after
return of survey, consist of a diamond drill hole $2\frac{1}{4}$
inches in diameter, 1260 feet deep, dipping 65° S. 8° W.,
the top of which bears S. 02° - $11'$ E. 232.0 feet from Cor.
No. 4. Value, \$5000.00.

Edwin P. Stewart

United States Mineral Surveyor.