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Filed Nov 11, 1902

2 plates made March 12, 1903
7.4
Photocopy of notes
1/17/03

(4-683.)

Mineral Survey No. 1688

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas Higgins
J. C. Fenner

KNOWN AS THE

Tamarack - Barite - Mohawk - Crescent
and Calcite in the Warren Mining District,

Cochise County, Arizona Territory

Section Approx Township 23S Range 24E

Surveyed under instructions dated July 10th, 1902

by Geo L. LeLark

U. S. Deputy Mineral Surveyor

Claim located See notices . 1

Survey commenced Sept 5th . 1902

Survey completed Oct 20th . 1902

6-169

Claimants address: Presber, Cochise County Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, A. Q. Curtis and F. G. McKinney,

do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Thomas Higgins and H. C. Jenner

known as the Tamarack-Barnite-Mohawk-Mount-Calcite Lodes situate in Warren mining district, Cochise County, Arizona Territory, in Section , Township No. , Range No. unsurveyed.

F. A. Curtis, Chainman.
F. G. McKinney, Chainman.

Subscribed and sworn to by the above-named persons before me this 5th day of September, 1902

J. M. O'Connell

Notary Public in and for the County of Cochise, Territory of Arizona, my Commission expires Jan 6, 1903

I, , do solemnly swear that I will truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the , more fully described in the preceding affidavit.

 , Axeman.

Subscribed and sworn to by the said before me this day of , 18 .

I, , do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the , more fully described in the preceding affidavit.

 , Flagman.

Subscribed and sworn to by the said before me this day of , 18 .

Tamarack Lode

Feet

1688

OFFICE OF U. S. SURVEYOR GENERAL.

Phoenix, Arizona, June 22, 1904

I, Frank S. Ingalls, U. S. Surveyor General for Arizona, do hereby certify that from the survey of the Bornite et al lodes, survey No. 1688, which is of record in this office, corner No. 1 of the Bornite lode is on the easterly side line of the unsurveyed Cairo claim, at S. 18° 40' W. 731 feet from the northeast corner of the said Cairo claim.

Frank S. Ingalls
U. S. Surveyor General.

OFFICE OF U. S. SURVEYOR GENERAL.

Phoenix, Arizona, June 22, 1904

I, Frank S. Ingalls, U. S. Surveyor General for Arizona, do hereby certify that from the survey of the Bornite et al lodes, survey No. 1688, which is of record in this office, corner No. 1 of the Bornite lode is on the easterly side line of the unsurveyed Cairo claim, at S. 18° 40' W. 731 feet from the northeast corner of the said Cairo claim.

Frank S. Ingalls
U. S. Surveyor General.

Tamarack Lode

1888

Feet

Beginning at cor.No.1,the S.E.cor.identical with locat.
and with cor. No.2.Hattie Marchester,No.1381,No.3,
Mohawk Lode of this survey,and the ^S.E.cor.Georgia Lode
unsurveyed,

a pine post 4 ft. long,4 ins.sq.set in the ground in a
mound of stones and scribed 1-1888 T.L.

Whence a rock in place 2X2.5 X 3.4 ft.chiseled X-1-1888 B.R.
brs.N.11°54'E. 34.5 ft.& U.S.M.M.No.3,brs S.16°04'E.
5936 ft.

Thence N.49°01'E.

218.00 To pine post in mound of stones,identical with location
for E.end center,

431.00 Same bearing to cor.No.2,the N.E.cor.identical with
location,and with cor.No.3,Roy Lode No.1282,

A pine post 4 ft. long 4 ins.sq.set in a mound of stones
and scribed 2-1888 T.L.

Whence a flat rock 2.5 X 3.1 ft.chiseled X-2-1888 B.R,
brs.N.27°05'E.23,ft.

Thence N.47°16' W.

593.5 To cor.No.3,identical with cors.No.2 Roy and Leo Lodes
survey No.1282.

A pine post 4 ft. long,4 ins.sq.set in a mound of stones
and scribed 3-1888 T.L.

Whence a rock in place 2.5 X 3.X 3.5 ft.chiseled
X-3-1888 B.R.brs.3.1°16'E.97.3 ft.

Thence N.23°50' W.

52.5 To cor.No.4,identical with cor.No.3 Morning Star Lode
No.1600 and with original location for N.side center

A pine post 4 ft.long 4 ins.sq. set in the ground in a
mound of stones and scribed 4-1888 T.L.

Whence a rock in place 2 ft.sq.11 ins.high,chiseled
X-4-1888 B.R. brs.N.54°34' W.31.3 ft.

Thence N.89°30' W.

1054.00 To cor.No.5,the N.W.cor.

A pine post 4 ft. long 4 ins.sq.set 1 ft.in the ground.
in a mound of stones and scribed 5-1888 T.L.

Whence a rock in place 1.6 X 2.9 X 3.4,ft.chiseled
X-5-1888 B.R. brs.N.11°E.78 ft.and original W.end centre
brs.N.48°16' E.213 ft.& original N.W.cor.brs.N.48°37'E.
587.9 ft.

Feet

(Tampack)

126.00 Thence S 49°01' W
 To cor. No. 6, the S.W. cor.
 A pine post 4 ft. long, 4 ins. sq. set in the ground in a mound
 of stones & scribed 6-1688 T.F.
 Whence a flat rock in place 1.9 x 3.4 ft. chiseled x-6-
 1688 B.R. bds. N 37°21' W 36.5 ft. & original S.W. cor. brs.
 N 62°45' W 50.2 ft.

690.80 Thence S 62°45' E
 To mound of stones, identical with location for the S
 side center

1440.80 Same bearing to cor. No. 1, the place of beginning

Ledge

The presurable course of the vein as nearly as can be
 determined from the present development & surface crop-
 pings, is from cor. No. 5, S 74°01' E 911.6 ft., thence S 53°
 41' E 538.40 ft.

Bornite Lode

Feet

1688

Beginning at cor.No.1, the S.E.cor. identical with locat.
on line 2-3 Broken Promise Lode No.1651—at S 60°33'W
122.5 ft. from cor.No.3

a pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground
in a mound of stones & scribed 1-1688 B.L.

Whence a rock in place 2 x 2.5 x 3.4 ft., chiseled x 1-1688
B.R. brs. N 86°04'W 57.2 ft. & U.S.M. No.3 brs. S 26°28'E
5154 ft.

Thence N 41°19'W

20.00 To cor.No.2, the S.W.cor.

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground
in a mound of stones & scribed 2-1688 B.L.

Whence a rock in place level with surface 2.5 x 3 ft.
chiseled x 2-1688 B.R. brs. N 0°45'E 21.4 ft. and original
S end center brs N 46°10'W 213 ft. & original S.W.cor.
brs N 47°53'W 596 ft.

Thence N 20°2'30"E

721.20 To cor.No.3, the N.W.cor. identical with locat & with
the S.E.cor. Georgia, the N.E.cor. Cairo, both unsurveyed,
and with cor.No.4 Mohawk Lode of this survey

A pine post scribed 3-1688 B.L.

Whence original W side center brs. S 40°W 421 FT.

Thence S 41°19'E

203.00 To original N end center, a mound of stones—

499.65 Same bearing to cor.No.4, the N.E.cor., identical with
location—

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in
a mound of stones & scribed 4-1688 B.L.

Whence a rock in place 1.5 x 2 x 2.5 ft., chiseled x 4-1688
B.R. brs. N 60°33'E 141 ft.

Thence S 60°33'W

224.50 To N end center Crescent Lode of this survey

524.50 Same bearing to cor.No.2 Crescent of this Group & No.3
Broken Promise Lode No.1651

647.00 Same bearing to cor.No.1, the place of beginning—

LEDGE

The presumed course of the vein of this claim is from
the cor No.1 N 35° 10'E 600 ft.

Crescent Lode
1888

Feet

Beginning at cor.no.1, the S.E.cor., identical with locat. & with cors.No.2-3 & 4 respectively of the Sweepstakes No.1333-White Tailed Deer No.1186 and the Broken Promise No.1651,

A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 1-1888 Ct.L.

Whence a limestone outcrop 20 ft.high, course N W. & S E. chiseled 4 ft.from ground x 1-1888 B.R.brs.S 87°12'E 237.5 ft.& U.S.M.M. No.3 brs S 20°10'E 371.0 ft.

Thence N 57°26'W 750.

750.00 To mound of stones, identical with location for the W side center

1500.00 Same bearing to cor.No.2, the N.W.cor., identical with locat. & with cor.No.3 Broken Promise No.1651

A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 2-1888 Ct.L.

Whence a flat rock in place, level with surface, 4 ft.sq. chiseled x 2-1888 B.R.brs.S 13°56'E 26.5 ft.

Thence N 60°33'E

300.00 To pine post in mound of stones, identical with location for the N end center

524.50 Same bearing to cor.No.4 Bornite Lode of this survey on line 4-1 Mohawk, a claim of this group at S 41°19'E 499.65 ft from cor.No.4,

600.00 Same bearing to cor.No.3, the N.E.cor., identical with locat.

A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 3-1888 Ct.L.

Whence a rock in place 1.5 x 2 x 2.5 ft.chiseled x 3-1888 B.R.brs.N 60°33'E 65.5 ft.

Thence S 37°26'E

750.00 To mound of stones, identical with location for the E side cent.

937.00 Same bearing to cor.No.2 Calcite Lode of this group on line 1-2 Mohawk of this survey at N 48°42'E 7 ft.from cor.No.1

1500.00 Same bearing to cor.No.4, the S.E.cor., identical with locat. and with cor.No.3 Sweepstakes Lode No.1333

A pine post 4 ft.long, 4 ins.sq.set 1 ft.in the ground in a mound of stones & scribed 4-1888 Ct.L.

Whence a rock in place 2.3 x 2.8 x 3.1 ft., chiseled x-4 1888 B.R.brs.S, 60°40'W 189.5 ft.

Thence S 60°38'W

300.00 To pine post in mound of stones, identical with location for S end center & with N end center Sweepstakes No.1333;

Feet

(Cresent 2)

600.00

Same bearing to cor.No.1,the place of beginning-
Ledge

The presumed course of the vein on this claim as nearly
as can be determined from the present development and
surface croppings, is from the S end center of location
N 37°26'W 1500 ft.

Mohawk Lode

1633

Feet.

Beginning at cor. No. 0, the S.W. cor., identical with locat.
A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in
a mound of stones & scribed 1-1633 M.L.

Whence a rock in place 2.5 x 3 x 3.5 ft. chiseled x 1-
1633 B. & S. 48°42'W 92.7 ft. & U.S.M.M. No. 3 brs.
S 14°24'E 4315 ft.

Thence N, 48°42'E

7.00 To cor. No. 2 Calcite Lode of this survey, at intersection
line 3-4-Crescent Claim of this group at N 37°23'W 513 ft.
from cor. No. 4

300.00 Same bearing to S end center, identical with location, a
pine post set in a mound of stones-

300.00 Same bearing to cor. No. 2, identical with cor. No. 3 Calcite,
a claim of this survey & with No. 3 Hattie Manchester No.
1381 & No. 3 Crown Point No. 1702

A pine post 4 ft. long set in a mound of stones & scribed
2-1633 M.L.

Whence a flat rock 10 ft. sq. level with surface, chiseled
x-2-1633 B. & S. 37°14'E 41.3 ft.

Thence N 41°19'W

750.00 To E side center, a mound of stones, identical with locat.

1500.00 Same bearing to cor. No. 3, the N.E. cor., identical with locat.
and with cor. No. 2 Hattie Manchester No. 1381 & No. 1 Tamar-
ack of this survey & with the S.E. cor. Georgia Lode, unsur-
veyed, a pine post scribed 3-1633 M.L.

Thence S 48°42'W

300.00 To pine post, identical with location for N end center

300.00 Same bearing to cor. No. 4, the N.W. cor., identical with locat.
& with the S.E. & N.E. cor. respectively of the Georgia &
Cairo unsurveyed claims & with cor. No. 3 Bornite of this
survey,

A pine post 4 ft. long, 4 ins. sq. set in the ground in a
mound of stones & scribed 4-1633 M.L.

Whence a rock in place 3 ft. sq. 18 ins. high, chiseled x 4-
1633 B. & S. W 87.3 ft.

Thence S 41°19'E

499.65 To intersection line 2-3 Crescent Lode of this group at
S 60°38'W 75.5 ft. from cor. No. 3

750.00 Same bearing to mound of stones, identical with location
for W side center

1500.00 Same bearing to cor. No. 1, the place of beginning.

LEDGE

This presumable course of the vein, as nearly as can be determin-
ed, is from the S end center of location N 41°19'W 1500 ft.

Calcite Lode

Feet-

1688

Beginning at cor.No.1,the S.E.cor.,identical with locat.
and on line 3-4 Sweepstakes Lode No 1333

A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground in
a mound of stones & scribed 1-1688 .

Whence a rock in place 4 x 4.5 ft.,3 ins high,chiseled x
1-1688 B.R.brs.N 86°15'E 54.5 ft.& U.S.M.M.No.3 brs.S 10°
44'E 3774 ft.

Thence N 37°26'W

37.00 To cor.No.3 Sweepstakes Lode No.1333 & No.4 Crescent,a
claim of this survey

300.00 Same bearing to mound of stones & post,identical with
location for S end center

600.00 Same bearing to cor.No.2,the S.W.cor.,identical with locat.
A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground in a
mound of stones & scribed 2-1688 C.L.

Whence a rock in place 2.5 x 3 x 3.5 ft. chiseled x 2-1688
B. & brs.S 48°42'W 35.7 ft.& U.S.M.M.No.3 brs.S 14°19'E

Thence N 48°42'E

293.00 To pine post in mound of stones,identical with original
W side center & with S end center Mohawk of this survey,

593.00 Same bearing to cor.No.3,the N.W.cor.,identical with locat.
& with cor.No.2,Mohawk of this Group,No.3 Mattie Manchester
No.1381 & No.3 Crown Point No.1702-

A pine post scribed 3-1688 C.L.

Thence S 37°14'E

73.00 To cor.No.4,identical with No.5 Crown Point No.1702-

A pine post 3.5 ft.high,set in the ground in a mound of
stones & scribed 4-1688 C.L.

Whence a flat rock in place 10 ft.sq.,level with surface,
chiseled x 4-1688 B.R.brs.N 37°14'W 34.7 ft.

Thence S 25°23'W

131.70 To cor.No.5,identical with No.4 Crown Point No.1702

A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground in
a mound of stones & scribed 5-1688 C.L.

Whence a rock in place level with surface 2.5 x 3 ft.,
chiseled x 5-1688 B.R.brs.S 19.4 ft.and original N end
center brs.N 47°53'E. 236 ft.

Thence N 77°49'E

357.70 To cor.No.6,a pine post 4 ft.long,4 ins.sq.set 1 ft.in the
ground in a mound of stones & scribed 6-1688 C.L.

Whence a rock in place 2 x 2.5 x 2.5 ft.chiseled x 6-1688
B.R.brs.N 83°00'W 17 ft.& No.3 Crown Point No.1702 brs.N
77°49'E 39.8 ft.

feet-

(Calcite 2)

Thence S $37^{\circ}23'E$

38.70 To cor. No. 7, the H.E. cor. on line 2-1 Snogler No. 1283 at.
S $31^{\circ}52'W$ 330 ft. from cor. No. 1-

A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground
in a round of stones & scribed 7-1888 C.L.

Whence a rock in place 1.7 x 2.4 x 3 ft., chiseled x 7-
1888 B.R. brs. S $31^{\circ}23'E$ 54.6 ft. & original location for
this corner brs. N $87^{\circ}45'E$ 603 ft.

Thence S $31^{\circ}52'W$

571.30 To cor. No. 8, identical with location for the E side center,
A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in
a round of stones & scribed 8-1888 C.L.

Whence a flat rock in place 2x5.5 ft., level with surface
chiseled x 8-1888 B.R. brs. S $17^{\circ}49'W$ 97.4 ft.

Thence S $43^{\circ}42'W$

503.70 To cor. No. 1, the place of beginning

LEDFE

The presumable course of the vein on this claim as nearly
as can be determined from the development done, is from the
E end center of location N $43^{\circ}42'E$ 800 ft.

Improvements

I certify that the value of the labor & improvements on this group, placed thereon by the claimants or their grantors is not less than \$500.00 for each claim thereof & that said improvements consist of:-

Tamarack Lode

No.1	Discovery Shaft 4x6x55 ft. brs. from E end center N 53°41'W 205 ft.	\$ 3800
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Mohawk Lode

No.1	Discovery Shaft 4x6x40 ft. brs. from S end center N 41°11'W 107 ft.	480
No.2	Shaft 4x6x12 ft. brs from N end center S 41°19'E 500 ft.	120

Bornite Lode

No.1	Discovery Shaft 4x6x20 ft. brs. from N end center S 41°12'W 199 ft.	200
No.2	Shaft 4x6x42 ft. brs from cor. No.1 N 35°10'E 80 ft.	420

Calcite Lode

No.1	Discovery Shaft 4x6x10 ft. brs from S end center N 48°42'E 407 ft.	100
No.2	Shaft 4x6x50 ft. brs from same point N 48°42'E 302 ft.	500

Crescent Lode

No.1	Discovery Shaft 4x5x56 ft. brs from S end center N 37°W 307 ft.	650
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Total Improvements on Group \$3130.00

Areas

Total & Net Area Tamarack	13.82 Acres
" " " " Crescent	20.45 "
" " " " Calcite	8.21 "
Total Area Bornite	3.77 Acres
Less Area in conflict with Cairo, uns.	.14 "
Net Area Bornite	3.63 "
Total Area Mohawk Lode	20.66 Acres
Less Crescent Conflict	.93 "
Net Area Mohawk Lode	19.73 "
Net Area of Group	65.84 Acres

Location

This Claim is located about 2 miles S.E. of Bisbee on unsurveyed lands approximately in Township No. 23 S Range No. 24 E, Gila & Salt River Base & Meridian, in the Warren Mining District, Cochise County Arizona

Adjoining Claims-

North	Morning Star No. 1600, Shattuck & Grenfell, Owners Leo & Roy, Surveys No. 1282, Martin Costello, Owner Georgia & Cairo, Unsurveyed, Brophy Bros. Owners
East	Mattie Manchester No. 1381, Martin Costello, Owner Crown Point No. 1702, Brady & Sowles, Owners Snogler No. 1283 Martin Costello, Owner
South	Sweepstakes No. 1333, White Tailed Deer No. 1136 Both owned by copper Queen Con. Mining Co.
West	Broken Promise No. 1651 Cunningham & McMahon, Owners Cairo & Georgia, unsurveyed, Brophy Bros. Owners

Instrument

The Survey was made with a Gurley light Mountain Transit, the courses were deflected from the true Meridian as determined by direct Solar Observations, checked by an observation on Polaris, the distances were measured with a 300 ft. steel tape

Magnetic Variation 11° 50' E

Bisbee Arizona October 20th.
1902

Geo. C. Clark

U.S. Deputy Mineral Surveyor-

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark.

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 Thomas Higgins & H. C. Penner known as the Tamarack, Barnite - Crescent - Mohawk & Celeste Lodes and showing the respective capacities in which they acted.

F. A. Curtis, Chairman.

D. G. McKinney, Chairman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, F. A. Curtis & D. G. McKinney

and Geo. C. Clark, do solemnly swear that we assisted Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Thomas Higgins & H. C. Penner

known as the Tamarack - Barnite - Crescent - Mohawk & Celeste Lodes, 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.

F. A. Curtis, Chairman.

D. G. McKinney, Chairman.

....., Axman.

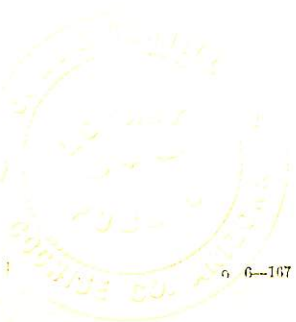
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 20th day of October, 1902

J. M. O'Connell

Notary Public in and for the County of Cochise, Territory of Arizona.

My Commission expires Jan. 9 1904



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 10th 1902, 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 Thomas Higgins & H. C. Penner, known as the Tamarack-Barrite-Cement-Calcite-mahawk, situate in Maricopa Mining District, Cochise County, Arizona Territory, in Section Approximately, Township No. 23 S, Range No. 14 E. unsurveyed and designated as Survey No. 1688, 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 their 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.

Geo C Clark
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark
U. S. Deputy Mineral Surveyor, before me
this 20th
day of October 1902

J. McConnell

Notary Public in and for the County
of Cochise, Territory of Arizona.
My Commission expires Jan. 9 1904

Affidavit of Five Hundred Dollars Improvements.

we, A. A. Curtis, and F. G. McKinney

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Kamalak - Runite - Calcuta ~~Grant & Work~~ mining claim, situate

in Wann Mining district, Cochise County,

Arizona Territory, for which Thomas Higgins

J. C. Jenner

has ~~we~~ made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant ~~s~~ and their grantor~~s~~ exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

F. A. Curtis

F. G. McKinney

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this 23^d

day of October, ~~189~~ 1902

J. M. O'Connell

Notary Public in and for the County
of Cochise, Territory of Arizona.
My Commission expires Jan. 9 1904

Notice of Mining Location.

LODE CLAIM.

Notice is hereby Given, That the undersigned, in compliance with the Mining Act of Congress, approved May 10th, 1872, and of the Laws of Arizona Territory, have this day located fifteen hundred feet along the course of this lead, lode or vein of mineral-bearing rock, being three hundred feet in an easterly direction, and twelve hundred feet in a westerly direction, from the center of the Discovery Shaft, where this notice is posted, together with three hundred feet in width of the surface ground on each side of the middle of said lead, lode or vein, situate in the Warren Mining District Cochise County, Arizona Territory, and more particularly described as follows, to-wit:

Commencing at a monument of stones about three hundred feet in an easterly direction from center of said Discovery Shaft, being the center end monument of The East end of claim; thence in a northerly direction three hundred feet to a monument of stones, the North east corner of the claim; thence in a westerly direction seven hundred and fifty feet to a monument of stones, the center of The north side boundary line of claim; thence in same direction seven hundred and fifty feet, to a monument of stones, the North west corner of claim; thence in a southerly direction three hundred feet, to a monument of stones, the center end monument of The west end of claim; thence in same direction three hundred feet, to a monument of stones, the South west corner of claim; thence in an easterly direction seven hundred and fifty feet, to a monument of stones, the center of South side boundary line of claim; thence in same direction seven hundred and fifty feet to a monument of stones, the South east corner of claim; thence in a northerly direction three hundred feet to place of beginning, the first-mentioned center end monument of claim.

This claim is situate about one and one half miles in a north westerly direction from Don Louis station on the A. & S. E. R. R. and is the continuation of the Sweepstakes a patented claim, the west end line of the Sweepstakes being the east end line of the Crescent and shall be known as the "Crescent" mine.

Located January 22nd 1890.

Fred C. Thomas
Thomas Higgins

For diagram for locating Claim, and Law of Arizona, see other side of this Notice.

An Act Concerning Mines.

Be it Enacted by the Legislative Assembly of the Territory of Arizona:

SECTION 1. Every notice of location of a mining claim shall contain: First, the name of the claim located; second, the name of the locator; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode deposit of premises located; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim.

SEC. 2. All mining locations hereafter located, the certificate of location of which shall not contain: First, the name of the lode, or premises; second, the name of the locator, or locators; third, the date of location; fourth, the number of feet in length of said claim and the number of feet claimed on each side of the center of the discovery shaft, lengthwise of the claim; fifth, the general course of the lode, or premises, as near as may be; sixth, the locality of the claim with reference to some natural object, or permanent monument, as will identify the claim, shall be void.

SEC. 3. Before filing such location certificate with the County Recorder of the proper County, the discoverer shall locate his claim by: First, sinking a discovery shaft upon the premises so claimed, to a depth of at least ten feet from the lowest part of the rim of such shaft at the surface, and deeper if necessary, until there is shown by such work a lode deposit of mineral in place; second, by posting at the point of discovery, on the surface, a plain sign or notice substantially conforming to the location certificate; third, by marking such claim or premises on the ground, so that its boundaries can be readily traced.

Such surface boundaries shall be marked by **EIGHT** substantial **POSTS**, projecting at least **THREE FEET ABOVE THE SURFACE OF THE GROUND**, or by substantial **STONE MONUMENTS**, at least **THREE FEET HIGH**, to-wit: One at each corner of said claim, and one at the center of each end and side line thereof.

SEC. 4. Any open-cut, cross-cut, adit or tunnel which shall be made as above provided for, as a part of the location of a mining claim, and which shall be equal in amount of work to a shaft ten feet deep and four feet wide by six feet long, and which shall cut a lode or mineral in place at the depth of ten feet from the surface, shall be equivalent, as a discovery work, to a shaft sunk from the surface.

SEC. 5. The discoverer shall have ninety days from the date of discovering the lode and the posting of the notice thereon, to perform said discovery work thereon.

SEC. 6. If at any time the locator of any mining claim heretofore or hereafter located, or his assigns, shall learn that his original certificate was defective, or that the requirements of the law had not been complied with before filing, or shall be desirous of changing his surface boundaries, or of taking in any additional ground which is subject to location, or in case the original certificate was made prior to the passage of this law, and he shall be desirous of securing the benefits of this Act, such locator, or his assigns, may file an amended certificate of location subject to the provisions of this Act, regarding the making of new locations.

SEC. 7. The amount of assessment, or representation, work or improvements to be done or made during each year, after the completion of the location as heretofore provided, and the time for doing the same, shall be as provided by the laws of the United States.

SEC. 8. Within three months after the expiration of the period of time fixed for the performance of annual labor or the making of improvements upon any mining claim or premises, the person on whose behalf such work or improvement was made, or some person for him, knowing the facts, may make and record in the office of the County Recorder of the county wherein such claim is situate an affidavit in substance as follows:

TERRITORY OF ARIZONA, } ss.
.....County, }
.....being duly sworn deposes and says, that he is a citizen of the United States, and more than 21 years of age, and resides at.....in.....County, Arizona Territory, and is personally acquainted with the mining claim and premises located and known as.....Mining claim or lode, situate in.....Mining District, County of.....of Records of Mines, at page.....; that notice of location of which premises is recorded in the office of the County Recorder of said county, in Book.....of Records of Mines, at page.....; that between the.....day of.....A. D. 189.....and the.....day of.....A. D. 189.....at least.....dollars worth of work and improvements were done and performed upon said premises or lode, not including the location work of said claim. Such work and improvements were made by and at the expense of.....owners of said premises for the purpose of complying with the law of the United States pertaining to assessments or annual work, and (here name the miners or men who worked upon the claim in doing the work) were the men employed by said owner and who labored upon said premises, and who did said work and improvements, and said work so done upon said premises is described as follows, to-wit: (Here describe the work done.)

Subscribed and sworn to before me.....this.....day of.....189.....(Signature.)

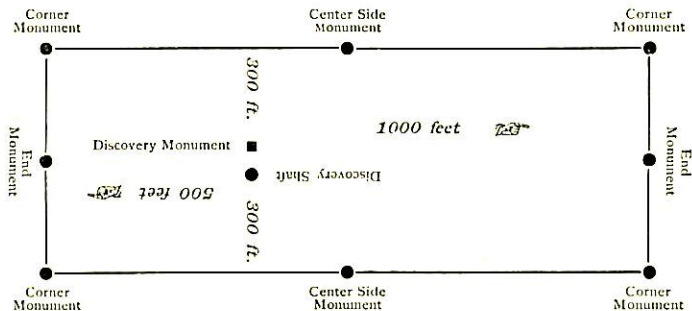
[SEAL]

SEC. 9. Such affidavit when so recorded shall be prima facie evidence of the performance of such labor or the making of such improvements, and said original affidavit after it has been recorded, or a certified copy of record of same, shall be received as evidence accordingly by all the Courts of this Territory.

SEC. 10. The relocation of forfeited or abandoned lode claims shall only be made by sinking a new discovery shaft and fixing new boundaries in the same manner and to same extent as is required in making a new location; or the locator may sink the original discovery shaft ten feet deeper than it was at date of commencement of such relocation, and shall erect new or make the old monuments the same as originally required. In either case a new location monument shall be erected, and the location certificate shall state if the whole or any part of the new location is located as abandoned property.

SEC. 11. This Act shall take effect and be in force from and after July 1st, 1895.
SEC. 12. All Acts and parts of Acts in conflict with this Act are hereby repealed.

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.



Notice of Location.
LODE CLAIM.
"Crescent"
Dated January 22nd 1890
Filed and recorded at request of
H. J. Stewart
at 1 o'clock P.M. 1890
Book 15 Records of Mines
Page 277
By J. Stewart
County Recorder.
Deputy Recorder.
THE H. H. McNEIL CO., PRINTERS, PHOENIX, ARIZ.

County Recorder

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

Records of.....County, Arizona, at pages.....

day of.....of.....1890, and duly recorded in Book No. 15

at 1 o'clock P.M., on this.....

I, J. Stewart, County Recorder in and for the County and Territory

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

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This Mining claim, the name of which is the **"Tamarack"** 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 purpose of exploration and purchase by **J. C. Danner and Thomas Higgins** both 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 **Fifth** day of **February** 1900.

The length of this claim is **Fifteen hundred** feet, and we claim **two hundred** feet in a **Easterly** direction, and **three hundred** feet in a **Westerly** 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 **East** to the **West**.

The claim is situated and located in the **Warren** Mining District, in **Cochise** County, in the Territory of Arizona, about **four thousand feet** in a **South westerly** direction from the **"Spray"** shaft operated by the **Copper Queen** Co. and is bounded on the east end by the **"Hattie Manchester"** a patented claim, the west end line of **"Hattie Manchester"** being the east end line of the **Tamarack** claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a **4x4 pine post** set in a mound of stones and scribed **East End Center Tamarack Mining Claim** at a point in an **easterly** direction about **two hundred** feet from the discovery shaft (at which this notice is posted), being in the center of the **East** end line of said claim; thence **three hundred** feet to a **monument of stones**, being the **South east** corner of said claim; thence **seven hundred and fifty** feet to a **monument of stones** at the center of the **South** side line of said claim; thence **seven hundred and fifty** feet to a **monument of stones**, being at the **South west** corner of said claim; thence **three hundred** feet to a **monument of stones** at the center of the **West** end of said claim; thence **three hundred** feet to a **monument of stones**, being at the **North west** corner of said claim; thence **seven hundred and fifty** feet to a **monument of stones** being at the center of the **North** side line of said claim; thence **seven hundred and fifty** feet to a **monument of stones** at the **North east** corner of said claim; thence **three hundred** 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 Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this **Fifth** day of **February** 1900.

J. C. Danner
Thomas Higgins

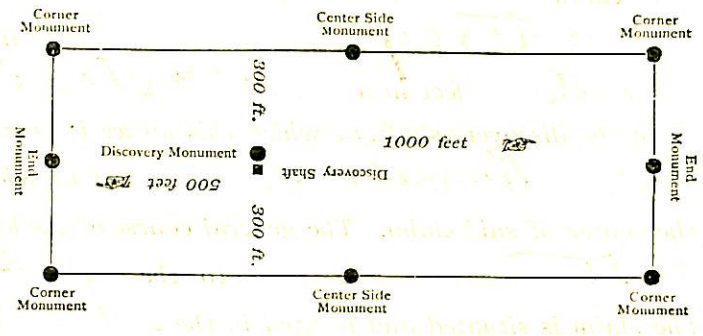
Notice of Mining Location

LODE CLAIM.

Tamarack

The Mining claim the name of which is the Tamarack Lode is situated on lands belonging to the United States in the State of Arizona and in which there is a valuable mineral deposit. The location of the claim is shown on the map of the Territory of Arizona attached hereto and is subject to the provisions of the Act of Congress of the 22d day of February 1879, and the Act of Congress of the 2d day of March 1875, and the Act of Congress of the 10th day of March 1878, and the Act of Congress of the 22d day of February 1879, and the Act of Congress of the 2d day of March 1875, and the Act of Congress of the 10th day of March 1878.

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.



Notice of Location.

LODE CLAIM.

"Tamarack"

Dated **February 5th 1901**

Filed and recorded at request of

H. J. Turner

Mary A. D. 1900,

at *A* M.

Book *19* Records of *Miami*

Pages *36*

Shuman County Recorder.

County Recorder.

By *[Signature]* Deputy Recorder.

Deputy Recorder.

TERRITORY OF ARIZONA, } ss. *Shuman*
 County of *Miami*,
 I, *Shuman* County Recorder in and for the County and
 Territory aforesaid, do hereby certify that the within instrument was filed for record at *9* o'clock, *4* M.,
 on this *1st* day of *May* 1901, and duly recorded in Book No. *19*
 of *Miami* Records of *Miami* County, Arizona, at pages *36*
 of *Miami* Records of *Miami* County, Arizona, at pages *36*
 WITNESS my hand and official seal the day and year first above written.
Shuman County Recorder

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This Mining claim, the name of which is the "Mohawk" 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 purpose of exploration and purchase by Fred C. Zimmer and Thomas Higgins 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 21st day of January 1900.

The length of this claim is Fifteen hundred feet, and we claim about three hundred feet in an easterly direction, and twelve hundred feet in a westerly 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 East to the West.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 4400 feet in a Southerly direction from the "Spray" shaft operated by the Copper Queen Con. Co. and said claim is bounded on the north by the Hattie Manchester a patented claim, the south side line of the Hattie Manchester being the north side line of the Mohawk.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 pine post set in a mound of stones and scribed East End Center Mohawk Mining Claim at a point in an easterly direction about three hundred feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence three hundred feet to a 4x4 pine post, being the North east corner of said claim; thence seven hundred & fifty feet to a monument of stones at the center of the North side line of said claim; thence seven hundred & fifty feet to a 4x4 pine post, being at the North west corner of said claim; thence three hundred feet to a 4x4 pine post at the center of the West end of said claim; thence three hundred feet to a 4x4 pine post, being at the South west corner of said claim; thence seven hundred & fifty feet to a monument of stones being at the center of the South side line of said claim; thence seven hundred & fifty feet to a 4x4 pine post at the South east corner of said claim; thence three hundred 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 Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this 21st day of January 1900.

COPY OF
RECORDS OF THE
DEPARTMENT OF THE INTERIOR

Fred C. Zimmer
Thomas Higgins

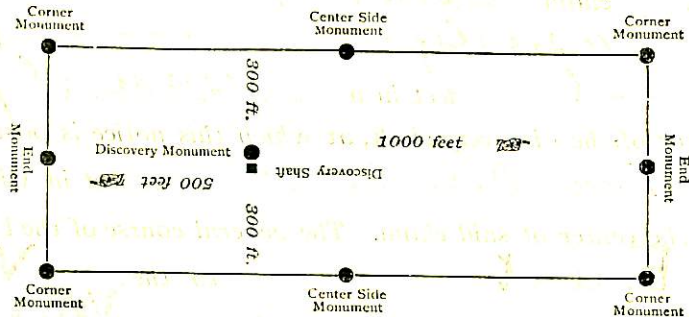
Notice of Mining Location.

LODE CLAIM.

To all whom it may concern:

The Mining Law of 1872, which is the basis of the mining laws of the United States, is hereby referred to as the Mining Law. The Mining Law provides that the discovery of a lode is the basis of a claim, and that the claim is to be located on the lode. The Mining Law also provides that the claim is to be located on the lode, and that the claim is to be located on the lode.

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 described. 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; hence 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.



Notice of Location.

LODE CLAIM.

"Mohawk"

Dated January 21st 1900

Filed and recorded at request of

Stegmann

April 19 A. D. 1900

at 1 M.

Book 18 Records of Maricopa

Pages 598

Frank Stone
County Recorder.

By Stegmann
Deputy Recorder.

I, Frank Stone 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 21st day of January, 1900, and duly recorded in Book No. 18 of Maricopa County, Arizona, at pages 598.

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

Frank Stone County Recorder

ss. Stegmann County of Maricopa TERRITORY OF ARIZONA.

Stegmann

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

This Mining claim, the name of which is the **"Bornite"** 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 purpose of exploration and purchase by J. C. Danner and Thomas Higgins both Citizens of the United States.
(Locator must insert either "citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
the undersigned, on the Second day of February 1900.

The length of this claim is about twelve hundred feet, and we claim two hundred feet in a Northerly direction, and one thousand feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with two hundred and fifty 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 Warren Mining District, in Cochise County, in the Territory of Arizona, about six hundred feet in a Southerly direction from the west end of Hattie Manchester a patented claim and includes all ground between the end lines of Broken Promise and Crocut claims and the side line of the Cairo claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 pine post set in a mound of stones and scribed North End Center, Bornite Mining Claim at a point in a northerly direction about two hundred feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence about two hundred and fifty feet to a 4x4 post set in a mound of stones, being the North west corner of said claim; thence six hundred feet to a monument at the center of the West side line of said claim; thence six hundred feet to a 4x4 post, being at the South west corner of said claim; thence about two hundred and fifty feet to a monument of stone at the center of the South end of said claim; thence about two hundred and fifty feet to a monument of stone, being at the South east corner of said claim; thence six hundred feet to a monument of stones being at the center of the East side line of said claim; thence six hundred feet to a 4x4 pine post at the North east corner of said claim; thence about two hundred and fifty 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 Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

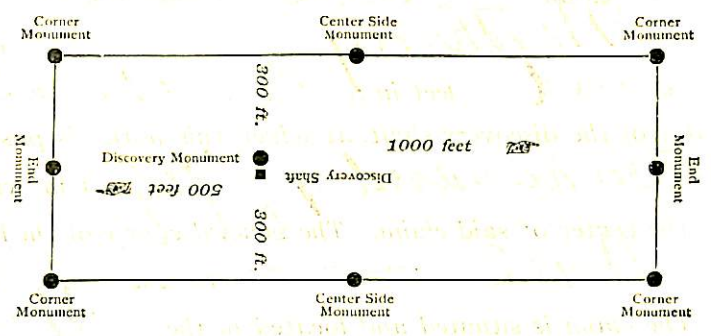
Dated and posted on the ground this Second day of February 1900.

J. C. Danner
Thomas Higgins

Notice of Mining Location

LODE CLAIM

Bornite



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 around 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.

Notice of Location.

LODE CLAIM.

"Bornite"

Dated February 2nd 1900

Filed and recorded at request of W. H. Turner

at May 1 A. D. 1900, M.

Book 19 Recorder's Name

Pages 33

By James Starr County Recorder.

Deputy Recorder.

TERRITORY OF ARIZONA, } ss.
 County of Yavapai
 I, Frank Starr County Recorder in and for the County and Territory aforesaid do hereby certify that the within instrument was filed for record at 9 o'clock, 2 M. on this 19 day of February 1900, and duly recorded in Book No. 19 Records of Yavapai County, Arizona, at pages 33 of 19 W. H. Turner
 WITNESS my hand and official seal the day and year first above written.
James Starr
 County Recorder

Notice of Mining Location.

LODE CLAIM.

To All Whom It May Concern:

"Calcite"

This Mining claim, the name of which is the Calcite 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 purpose of exploration and purchase by J. C. Emmer and Thomas Higgins both 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 First day of February 1909.

The length of this claim is about twelve hundred feet, and we claim one thousand feet in a southerly direction, and two hundred feet in a northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with two hundred and fifty 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 Narran Mining District, in Cochise County, in the Territory of Arizona, about eight hundred feet in a northerly direction from the old Copper Queen workings on the White Tail Deer, a patented claim, and is bounded on the east by the Smuggler a patented claim, the west side line of the Smuggler being the east side of "Calcite".

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a 4x4 pine post set in a mound of stones and scribed North end center "Calcite" Mining Claim, at a point in a northerly direction about two hundred feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence two hundred and fifty feet to a 4x4 post set in a mound of stones, being the North west corner of said claim; thence about six hundred feet to a monument of stones at the center of the west side line of said claim; thence about six hundred feet to a monument of stones, being at the South west corner of said claim; thence two hundred and fifty feet to a monument of stones at the center of the South end of said claim; thence two hundred and fifty feet to a monument of stones, being at the South east corner of said claim; thence about six hundred feet to a monument of stones being at the center of the East side line of said claim; thence about six hundred feet to a monument of stones at the Northeast corner of said claim; thence about two hundred and fifty 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 Concerning Mines," approved March 20th, 1895, and amended March 2d, 1899.

Dated and posted on the ground this First day of February 1909.

J. C. Emmer
Thomas Higgins

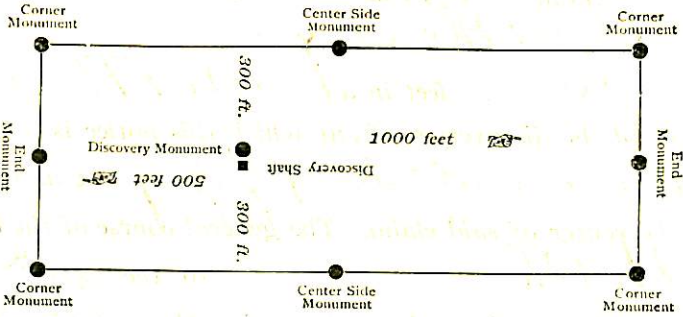
COPIED BY
RECORD OF RECORDS

Notice of Mining Location

LODE CLAIM

To all whom it may concern:

That the following is the location of the mining claim...



This diagram is to give location 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 directed. 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.

Notice of Location.

LODE CLAIM.

"Calcite"

Dated February 1st 1900

Filed and recorded at request of

J. L. Spurr

at May 1 A. D. 1900

Book 19 Records of Maricopa

Pages 235

Grant Hale

County Recorder.

By Deputy Recorder.

THE H. H. McNEIL CO., PRINTERS, PHOENIX, ARIZONA.

TERRITORY OF ARIZONA, ss. Grant Hale

I, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9 o'clock, A. M., on this 19th day of February 1900, and duly recorded in Book No. 19 of the Records of Maricopa County, Arizona, at pages 235.

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

Grant Hale
County Recorder

(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
March 28, 1903, ~~18~~

I, U. S. Surveyor General for the District of Arizona,
do hereby certify that the foregoing and hereto attached Field Notes and Return of the
Survey of the Mining Claim of Thomas Higgins & F. C. Fenner

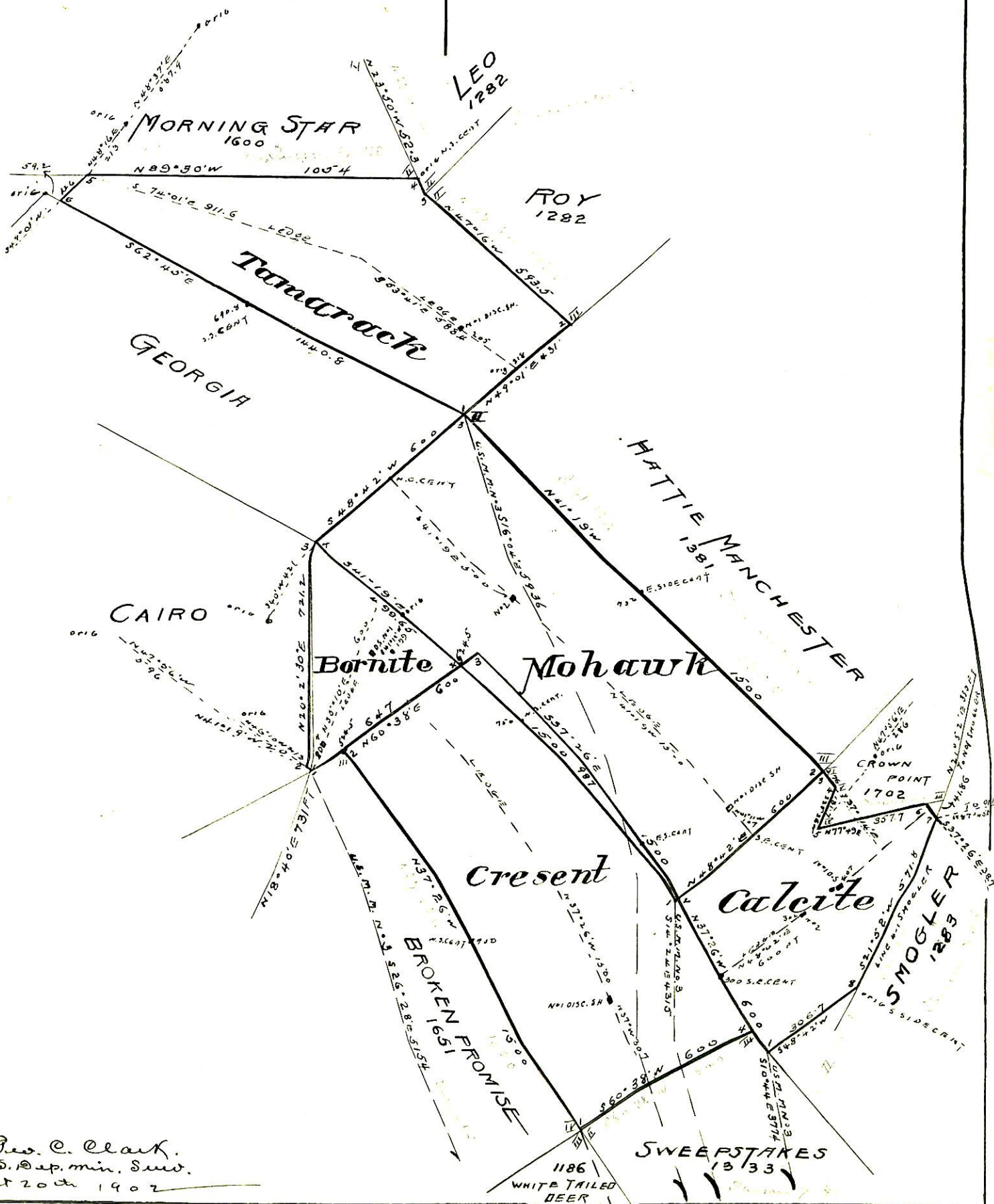
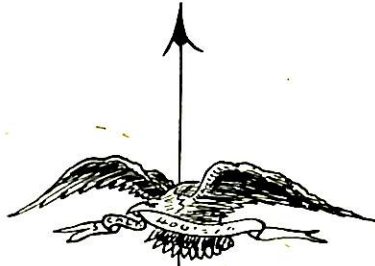
....., known as the
Tamrack - Granite - Calcite - Quartz - Molybdenum,
situate in Warren mining district,
Cochise County, Arizona,
in Section, Township No., Range No.
....., designated as Survey No. 1688.
executed by Geo. C. Clark, U. S. Deputy Mineral
Surveyor, Sept 5th Oct. 20th 1902, ~~18~~, under my instructions dated
July 11th 1902, ~~18~~, have been critically examined and the
necessary corrections and explanations made, and the said Field Notes and Return, and
the Survey they describe, are hereby approved. A true copy of the copy of the location
certificate filed by the applicant for survey is included in the field notes.

Hugh H. Price

U. S. Surveyor General for Arizona

Bornite Group

1688



Geo. C. Clark.
 U.S. Dep. Min. Surv.
 Oct 20th 1907