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Surveyed by...

(4-683.)

Mineral Survey No. 2127

Lot No. _____

1st Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. A. Bretherton, and C. M. Henkel

KNOWN AS THE

"Arizona No 2" "Arizona No 3" "Arizona No 4"
Warren Mining District.

Cochise County, Arizona

Section Approx Township 23 S. Range 24 E. ~~25 E.~~ ~~26 E.~~ ~~27 E.~~ ~~28 E.~~ ~~29 E.~~ ~~30 E.~~ unsurveyed

Surveyed under instructions dated July 5th, 1905,

by Franklin M. Smith
U. S. Deputy Mineral Surveyor

Claim located See notices, 1

Survey commenced August 10th, 1905

Survey completed Aug 15th, 1905

6-109

Claimants address
Bisbee, Cochise County Arizona

*Ties ✓
hedges ✓
bars ✓
Areas ✓*

Survey No. 2127
Arizona No. 4

Feet

Beginning at Cor.No.1 the SW cor identical with Cor.No. 2 P.J.Johohson Jur, lode, Survey No.1959., and situated on line 1-2 Porphyry lode, Survey No.1909 at N. 65° 18' W. .3 ft from Cor.No.2, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2127 A No.4 L, whence a pine post of same dimensions and scribed B.P.1-2127 brs N. 13° 6' E. 25 ft and a second pine post of same dimensions and scribing brs. S. 65° 18' E. 25 ft., and U S M M No. 4 Warren Mining District brs S. 46° 6' W. 1115.7 ft., and original location for SW cor brs S. 13° 6' W. 5.0 ft.

Thence N. 13° 6' E.

416.6 to the intersection of line 1-9 Porphyry lode Survey No 1909 at N. 60° 32' E. 503.4 ft., from Cor.No.1, and the intersection of line 2-3 Philadelphia lode, Survey No 1909 at S. 60° 32' W. 9.3 ft from Cor.No.3,

437.5 same bearing to the intersection of line 3-4 Philadelphia lode Survey No.1909 at N. 12° 1' W. 16.1 ft from Cor.No 3 and the intersection of line 1-4 Portland lode, Survey No.1909 at N. 12° 1' W. 16.1 ft from Cor No.1,

1371.1 same bearing along line 2-3 P. J. Johohson Jur lode, Survey No1959 to Cor.No.2, the NW cor identical with location and at the point of intersection of line 1-3 Oregon lode, Survey No.2018 with line 2-3 P.J.Johohson Jur lode, Survey No.1959 at N. 60° 32' E.462.9 ft from Cor No.1 Oregon lode, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2127 A.No.4 L whence a pine post of same dimensions and scribed B.P.2-2127 brs S. 13° 6' W. 25 ft and a second pine post of same dimensions and scribing brs. N. 60° 32' E 25 ft.,

Thence N. 60° 32' E.

211.6 to the intersection of line 2-3 Portland lode, Survey No 1909 at N. 12° 1' W. 736.9 ft from Cor.No.2, and the intersection of line 1-5 Milwaukee lode, Survey No.1909 at N. 12° 1' W 773.7 ft from Cor.No.1,

- 300.0 same bearing to original location for N E C.,
- 350.8 same bearing to Cor.No.3 the NE cor at the point of intersection of line 1-2 Arizona No.3 lode of this survey with line 1-8 Oregon lode, Survey No.2018, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2127 A No.4 L, whence a pine post of same dimensions and scribed B.P.3-2127 brs S $60^{\circ} 32' W$. 25 ft and a second pine post of same dimensions and scribing brs S. $3^{\circ} 51' W$. 25 ft, and original location for NE cor brs N. $60^{\circ} 32' E$. 470 ft.,
- Thence S. $3^{\circ} 51' W$
- 65.5 along line 2-1 Arizona No.3 lode of this survey to Cors No 1 and 2 respectively of Arizona No.3 lode of this survey and Collins lode, Survey No.2009
- 485.3 same bearing along line 2-1 Collins lode, Survey No.2009 to the intersection of line 1-5 Milwaukee lode, Survey No 1909 at N $12^{\circ} 1' W$. 348.2 ft from Cor.No.1 and the intersection of line 2-3 Portland lode, Survey No.1909 at N $12^{\circ} 1' W$. 311.4 ft from Cor.No.2,
- 784.2 same bearing to Cor.No.4, identical with Cor.No.1 Collins lode, Survey No.2009 a pine post 4 ft long 4ins sq set 1 ft in the ground in a mound of stones and scribed 4-2127 A No.4 ~~4~~ whence a pine post of same dimensions and scribed B.P.4-2127 brs N. $3^{\circ} 51' E$. 50 ft and a second pine post of same dimensions and scribing brs S. $51^{\circ} 56' E$. 50 ft.,
- Thence S. $51^{\circ} 56' E$.
- 51.2 to the intersection of line 1-2 Portland lode, Survey No 1909 at N. $60^{\circ} 32' E$. 575.8 ft from Cor.No.1, and the intersection of line 1-9 Porphyry lode, Survey No.1909 at N. $60^{\circ} 32' E$. 1082.5 ft from Cor.No.1,
- 237.6 same bearing to Cor.No.5, situate on line 1-4 Collins lode survey No.2009 and identical with the NW cor of Lone Star Fraction unsurveyed, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and

Feet

scribed 5-2127 A No.4 L, whence a pine post of same dimensions and scribed B.P.5-2127 brs N.51° 56' W 25 ft and a second pine post of same dimensions and scribing brs S. 13° 6' W. 25 ft.,

Thence S 13° 6' W.

88.6 to the intersection of line 2-3 Angel lode, Survey No. 1119 at S. 77° 59' E. 343.6 ft from Cor. No.3 which point of intersection is identical with the SW cor of Lone Star Fraction unsurveyed,

182.9 same bearing to Cor.No.6 the SE cor identical with location a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 6-2127 A No.4 L whence a pine post of same dimensions and scribed B. P. 6-2127 brs. S. 60° 32' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 13° 6' E. 50 ft

Thence S. 60° 32' W.

407.3 to original location for S E C.,

814.2 same bearing to Cor.No.7 identical with Cor.No.2 *Porphyry* lode, Survey No.1909 and situated on line 3-4 Angel lode Survey No.1119 S. 34° 57' ~~N~~ 688.0 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 and scribed 7-2127 A No.4 L,

Thence N. 65° 18' W.

.3 along line 2-1 Porphyry lode, Survey No.1909 to Cor.No.1 the place of beginning.

Ledge.

The presume a course of the vein on this claim is from N E C location S7°27'W.802.8 ft., thence S.13°6'W 500 ft.,

-----Arizona No.3-----

Beginning at Cor.No.1 the SW cor identical with location and with Cor.No.2 Collins lode, Survey No.2009 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 1-2127 A No.3 L whence a pine post of same dimensions and scribed B. P. 1-2127 brs N. 3° 51' E. 50 ft and a second pine post of same dimensions

5

Feet

and describing brs S. $52^{\circ} 8' E$. 50 ft and U S M M No.4 Warren mining district brs S. $32^{\circ} 34' W$. 2629.8 ft.,

Thence N. $3^{\circ} 51' E$.

65.5 to the intersection of line 1-8 Oregon lode, Survey No.2018 at S $60^{\circ} 32' W$. 176.2 ft from Cor.No.8 which point of intersection is identical with Cor.No.3 Arizona No.4 lode of this survey,

361.9 same bearing to original location for NW E C

370.0 same bearing to Cor.No.2 the NW cor a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-2127 A No.3 L whence a pine post of same dimensions and scribed B.P.2-2127 brs S $3^{\circ} 51' W$. 50 ft., and a second pine post of same dimensions and scribing brs. N. $72^{\circ} 36' E$. 50 ft., and original location for NW cor brs. N. $3^{\circ} 51' E$. 360 ft.,

Thence N. $72^{\circ} 36' E$.

494.1 to the intersection of line 2-3 Milwaukee lode, Survey No.1909 at N. $16^{\circ} 43' W$. 660.5 ft from Cor.No.2, and the intersection of line 1-6 Madison lode, Survey No.1909 at N. $16^{\circ} 43' W$. 660.5 ft from Cor.No.1, and the point of intersection of 2-3 Milwaukee lode, (Common with line 1-6 Madison lode) with line 8-7 Oregon lode Survey No.2018 brs S. $16^{\circ} 43' E$. 53.1 ft.,

356.9 same bearing to Cor.No.3 identical with a cor of Iron Cap lode unsurveyed and situate on line 8-7 Oregon lode, Survey No.2018 N. $32^{\circ} 40' E$. 384.6 ft from Cor.No.8 and N. $32^{\circ} 40' E$ 82.7 ft from the point of intersection line 1-6 Madison lode, Survey No.1909 (which line is common with line 2-3 Milwaukee lode of the same survey) with line 8-7 Oregon lode, Survey No.2018 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2127 A No.3 L whence a pine post of same dimensions and scribed B. P. 3-2127 brs S. $72^{\circ} 36' W$. 50 ft and a second pine post of same dimensions and scribing brs S. $52^{\circ} 8' E$. 50 ft.,

Feet

Thence S. 52° 8' E.

- 616.1 ft to the intersection of line 1-2 Arizona No. 2 lode of this survey at N. 4° 22' W. 403.5 ft from Cor. No. 1,
- 1063.9 same bearing to the intersection of line 3-4 Madison lode, Survey No. 1909 at N. 16° 43' W. 680.7 ft from Cor. No. 3, and the intersection of line 1-5 Oakland lode, Survey No. 1909 at N. 16° 43' W. 680.7 ft from Cor. No. 1
- 1092.4 ft same bearing to Cor. No. 4 the NE cor identical with location a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2127 A No. 3 L whence a pine post of same dimensions and scribed B. P. 4-2127 brs N. 52° 8' W. 50 ft and a second pine post of same dimensions and scribing brs. S. 3° 51' W. 50 ft.,
- Thence S. 3° 51' W.
- 47.0 to the intersection of line 1-5 Oakland lode, Survey No. 1909 at N. 16° 43' W. 613.0 ft from Cor. No. 1 and the intersection of line 3-4 Madison lode, Survey No. 1909 at N. 16° 43' W. 613.0 ft from Cor. No. 3,
- 361.9 same bearing to original location for SE E C
- 394.4 same bearing to the intersection of line 1-4 Arizona No. 2 lode of this survey at S. 48° 21' E. 426.6 ft from Cor. No. 1
- 699.2 same bearing to the intersection of line 2-1 Madison lode, Survey No. 1909 at S. 43° 42' 30" E. 992.1 ft from Cor. No. 1, and the intersection of line 6-7 Chicago lode, Survey No. 1909 at S. 43° 42' 30" E. 992.1 ft from Cor. No. 7,
- 723.8 same bearing to Cor. No. 5, the SE cor identical with location with Cor. No. 3 Collins lode, Survey No. 2009, and situate on line 2-1 Miller lode, Survey No. 2008, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 5-2127 A No. 3 L, whence a pine post of same dimensions and scribed B. P. 5-2127 brs N. 3° 51' E 50 ft and a second pine post of same dimensions and scribing brs. N. 52° 8' W. 50 ft.,

Thence N. 52° 8' W

7

Survey No. 2127
Arizona No. 3

Feet

994.0 along line 3-2 Collins lode, Survey No. 2009 to the inter-
section of line 1-7 Chicago lode, Survey No. 1909 at
S. 37° 40' W. 165.8 ft. from Cor. No. 7 and the intersection of
line 2-1 Milwaukee lode, Survey No. 1909 at S. 37° 40' W.
165.8 ft from Cor. No. 2,

1493.7 same bearing to Cor. No. 1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from
the SE E C location N. 52° 8' W. 1493.7 ft.

-----Arizona No. 2-----

Beginning at Cor. No. 1 the SW cor identical with location a pine
post 4 ft long 4 ins sq set 1 ft in the ground in a mound of
stones and scribed 1-2127 A 2 L whence a pine post of same
dimensions and scribed B. P. 1-2127 brs S. 48° 21' E. 50 ft and
a second pine post of same dimensions and scribing brs N. 4°
22' W. 50 ft., and U S M M No. 4 Warren Mining District brs
S. 50° 15' W. 2989.3 ft

Thence N. 4° 22' W

403.5 to the intersection of line 3-4 Arizona No. 3 lode of this
survey at N. 52° 8' W. 476.3 ft from Cor. No. 4,

432 same bearing to original location for NW E Centre

646.3 same bearing to the intersection of line 5-6 Madison Lode
Survey No. 1909 at N. 43° 36' 30" W. 447.15 ft from Cor. No. 5
and the intersection of line 1-4 Waldo lode Survey No. 1909
at N. 43° 36' 30" W. 447.15 ft from Cor. No. 1,

Note Cor No. 4 Madison lode Survey No. 1909 brs S. 59° 50' E.

7.3 ft from Cor. No 5. *Madison Lode*

863.9 same bearing to Cor. No. 2 the NW cor identical with loca-
tion a pine post 4 ft long 4 ins sq set 1 ft in the ground
in a mound of stones and scribed 2-2127 A No. 2 L whence a
pine post of same dimensions and scribed B. P. 2-2127 brs.
S. 4° 22' E. 50 ft and a second pine post of same dimensions
and scribing brs. S. 48° 21' E. 50 ft.,

Feet

Thence S. 48° 21' E.

- 470.7 to the intersection of line 1-2 Waldo lode, Survey No. 1909 at N. 6° 42' E. 229.6 ft from Cor. No. 1 and the intersection of line 1-4 Bisbee lode, Survey No. 1909 at N. 6° 42' E. 229.6 ft from Cor. No. 1,
- 1500.0 same bearing along the S side line of Gold lode surveyed to Cor. No. 3 the NE cor identical with location, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2127 A No. 2 L, whence a pine post of same dimensions and scribed B. P. 3-2127 brs N. 48° 21' W. 50 ft and a second pine post of same dimensions and scribing brs. S. 4° 22' E. 50 ft.,

Thence S. 4° 22' E.

- 6.9 to the intersection of line 1-2 Bisbee lode, Survey No. 1909 at S. 59° 50' E. 921.2 ft from Cor. No. 1 and the intersection of line 4-5 Oakland lode, Survey No. 1909 at S. 59° 50' E. 913.4 ft from Cor. No. 5,
- 431.9 same bearing along line 2-1 Arizona lode, Survey No. 2017 to original location for SEE C.,
- 735.3 same bearing to the intersection of line 1-2 Oakland lode Survey No. 1909 at S. 59° 50' E. 685.3 ft from Cor. No. 1, and the intersection of line 3-2 St. Louis lode, Survey No. 1909 at S. 59° 50' E. 685.3 ft from Cor. No. 2,
- 863.9 same bearing to Cor. No. 4, the SE cor identical with location and with Cor. No. 1 Arizona lode, Survey No. 2017, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2127 A No. 2 L, whence a pine post of same dimensions and scribed B. P. 4-2127 brs N. 48° 21' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 4° 22' W. 50 ft.,

Thence N. 48° 21' W.

- 532.2 along line 3-2 Miller lode, Survey No. 2008 to the intersection of line 3-2 St. Louis lode, Survey No. 1909 at S. 59° 50' E. 236.7 ft from Cor. No. 2, and the intersection of line 1-2

Survey No. 2127
Arizona No. 2

9

Feet

Oakland Lode, Survey No. 1909 at S. 59° 50' E. 830.7 ft
from Cor. No. 1,
840.7 same bearing to the intersection of line 1-5 Oakland lode,
Survey No. 1909 at N. 16° 43' W. 89.6 ft from Cor. No. 1
and intersection of line 3-4 Madison lode, Survey No. 1909
at N. 16° 43' W. 89.6 ft from Cor. No. 3,
1073.4 same bearing to the intersection of line 4-5 Arizona No. 3 lode
of this survey at S. 3° 51' W. 394.4 ft from Cor. No. 4, which
point of intersection is identical with Cor. No. 2 Miller lode
Survey No. 2008
1500.0 same bearing to Cor. No. 1 the place of beginning.

Ledge.

The presumed course of the vein on this claim is from the
N.W. 1/4 location S. 48° 21' E. 1500 ft.

A R E A S.

Total area Arizona No. 4	12.456 ac ✓
Less area in conflict with Angel lode, Survey No. 1119,	3.148 ✓
Net area Arizona No. 4 lode,	<u>9.308 ac ✓</u>

Note The following conflicting areas are not deducted from
the total area of the Arizona No. 4 lode,
Total and net area of conflict with Philadelphia lode,
Survey No. 1909 .002 ac. ✓
Total and net area of conflict with Portland lode,
Survey No. 1909 6.520 ac ✓
Total and net ^{area of} conflict with Milwaukee lode, Survey No. 1909
0.843 ac. ✓

Total area conflict with Porphyry lode Survey No. 1909	5.287 ac ✓
Less area in conflict with Angel lode, Survey No. 1119	<u>3.148</u>
Net area conflict with Porphyry lode	<u>2.139</u>

Arizona No. 3, Total area,	19.222 ac. ✓
Less area in conflict with Arizona No. 2 lode of this survey	3.160 ✓
Less area in conflict with Oregon lode Survey No. 2018	<u>1.526 ✓</u>
Net area Arizona No. 3 lode,	<u>14.536 ✓</u>

6

Feet

Thence S. 48° 21' E.

- 470.7 to the intersection of line 1-2 Waldo lode, Survey No. 1909 at N. 6° 42' E. 229.6 ft from Cor. No. 1 and the intersection of line 1-4 Bisbee lode, Survey No. 1909 at N. 6° 42' E. 229.6 ft from Cor. No. 1,
- 1500.0 same bearing along the S side line of Guld lode Surveyed to Cor. No. 3 the NE cor identical with location, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2127 A No. 2 L, whence a pine post of same dimensions and scribed B. P. 3-2127 brs N. 48° 21' W. 50 ft and a second pine post of same dimensions and scribing brs. S. 4° 22' E. 50 ft.,

Thence S. 4° 22' E.

- 6.9 to the intersection of line 1-2 Bisbee lode, Survey No. 1909 at S. 59° 50' E. 921.2 ft from Cor. No. 1 and the intersection of line 4-5 Oakland lode, Survey No. 1909 at S. 59° 50' E. 913.4 ft from Cor. No. 5,
- 431.9 same bearing along line 2-1 Arizona lode, Survey No. 2017 to original location for SEE C.,
- 735.3 same bearing to the intersection of line 1-2 Oakland lode Survey No. 1909 at S. 59° 50' E. 685.3 ft from Cor. No. 1, and the intersection of line 3-2 St. Louis lode, Survey No. 1909 at S. 59° 50' E. 685.3 ft from Cor. No. 2,
- 863.9 same bearing to Cor. No. 4, the SE cor identical with location and with Cor. No. 1 Arizona lode, Survey No. 2017, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-2127 A No. 2 L, whence a pine post of same dimensions and scribed B. P. 4-2127 brs N. 48° 21' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 4° 22' W. 50 ft.,

Thence N. 48° 21' W.

- 532.2 along line 3-2 Miller lode, Survey No. 2008 to the intersection of line 3-2 St. Louis lode, Survey No. 1909 at S. 59° 50' E. 236.7 ft from Cor. No. 2, and the intersection of line 1-2

Note The following conflicting areas are not deducted from the Arizona No. 3 lode,
Total and net area of conflict with Chicago lode, Survey No 1909 2.099ac ✓

Total area in conflict with Milwaukee lode, Survey No. 1909 5.328 ✓

Less ^{net} area in conflict Oregon lode, Survey No 2018 1 1.488 ✓

Net area in conflict with Milwaukee lode, Survey No No. 1909 3.840 ac ✓

Total area in conflict with Madison lode, Survey No. 1909 11.785 ✓

Less area in conflict with Oregon lode Survey No. 2018 .038 ✓

Less area in conflict with Arizona No. 2 lode of this survey 3.146 ✓ 3.184 ✓

Net area in conflict with Madison lode, 8.601 ac

Area in conflict with Oakland lode Survey No. 1909, 1013 ac ✓ is embraced in the conflict with the Arizona No. 2 lode which conflict was deducted from the total area of Arizona No. 3 lode.

Total area Arizona No. 2, and net area 20.659 ac. ✓

Note The following conflicting areas are not excluded from the total area of the Arizona No. 2 lode:

Total and net area conflict with Waldo lode, Survey No. 1909 1.728 ✓

Total and net area conflict with Bisbee lode, Survey No. 1909 2.283 ✓

Total and net area in conflict Area in conflict with Oakland lode, Survey No. 1909 10.845 ✓

Total and net area in conflict with St. Louis lode, Survey No 1909 0.546 ✓

Total and net area conflict with Madison lode, Survey No 1909 5.264 ✓

The area in conflict with Arizona No. 3 lode, 3.160 ac. embracing 3.146 ac. of the Madison lode, and 1.013 ac. of the Oakland lode is claimed by this survey. ✓

Improvements.

I hereby certify that the value of the labor and improvements on this group placed thereon by the claimants or their grantors are as follows:

No 1	Arizona No 4 Discovery shaft 4x6x10 ft hrs from N E C location S. 7° 27' W. 65 ft Value	\$100
No 2	Shaft 4x6x10 ft hrs from S E C location N. 13° 06' E. 450 ft., Value,	100.00
	Total improvements Arizona No. 4 lode,	200.00
	Arizona No. 3 Discovery shaft 4x6x10 ft hrs from NW E C location S. 52° 8' E. 285 ft., Value	100.00
	Arizona No. 2 Discovery shaft 4x6x10 ft hrs from SE E C location N. 48° 21' W. 35 ft Value,	100.00

Note Complete affidavit of \$500 improvements for each location hereof will be furnished before the expiration of the period of publication.

ADJOINING CLAIMS.

North Oregon lode, Survey No. 2018, C. M. Henkel et al owners;
 Iron Cap lode, unsurveyed, J. B. Broadus et al owners
 Gulch lode unsurveyed, C. T. Winwood et al owners
 East Arizona lode Survey No. 2017 C M Henkel et al owners;
 South Miller lode, Survey No. 2008 Jno. M. Johnson et al owners
 Collins lode, Survey No. 2009, E. D. Collins et al owners;
 Angel lode Survey No. 1119 Calumet & Arizona Min Co. owner
 et al
 West P. J. Johnson Jur lode Survey No. 1959 Peter Johnson owner

Note The applicants herein do not recognize the Philadelphia, Porphyry, Portland, Milwaukee, Chicago, Madison, Waldo, Bisbee Oakland and St. Louis lodes, of Survey No. 1909 claimed by the Copper King of Arizona a corporation.

LOCATION.

This group is located about 1 mi in an easterly direction from the City of Bisbee in Warren Mining District Cochise County Arizona approximately in T₂₃ S R 24 E G & S R B & M unsurveyed.

INSTRUMENT.

This survey was made with a C. E. Berger & Sons No. 10 transit the courses were deflected from the true meridian as determined by solar observation checked by an observation on Polaris, the distances were measured with a 300 ft steel tape; magnetic variation $12^{\circ} 30'$ E.

Franklin W. Smith

U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona

21st August

1905

Note Any discrepancies between the courses and distances of the mineral monument ties of this survey and those of the adjoining or conflicting approved surveys are due to errors in the latter

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by

Franklin W. Smith

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

N.A. Butcheron and G.M. Henkel

known as the *Arizona No 1, Arizona No 3, Arizona No 4*

and showing the respective capacities in which they acted.

N.A. Ziesemer, Chainman.
J.C. Levereux, Chainman.
 _____, Arman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We,

N.A. Ziesemer

and

J.C. Levereux

, do solemnly swear that we assisted

Franklin W. Smith

United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

N.A. Butcheron and G.M. Henkel

known as the *Arizona No 1, Arizona No 3, Arizona No 4*

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
 _____, Chainman.
J.C. Levereux, Chainman.
 _____, Arman.
 _____, Flagman.

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

21st

day of *August*, 190*5*

Coon E. Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 5th, 1905, 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 R. A. Detherton and C. M. Henkel, known as the Arizona No. 1, Arizona No. 3, Arizona No. 4, situate in Warren Mining District, Cochise County, Arizona, in Section Approx., Township No. 23 S., Range No. 24 E. Unsurveyed and designated as Survey No. 2127, 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 claimants 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.

Franklin W. Smith
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith
U. S. Deputy Mineral Surveyor, before me Cora E. Smith
this 21st
day of August, 1905.

Cora E. Smith
NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

Notice of Mining Location

15

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Arizona No 2 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 C. M. Henkel and R. A. Bretherton, 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 20th day of January 1905.

The length of this claim is Fifteen Hundred feet, and we claim fifteen feet, in a Southeasterly direction and Fourteen hundred and eighty five feet in a northwesterly 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 northwest to the southeast.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about Seven hundred feet in a westerly direction from Southwest corner of Ratus Mine, Survey 1910.

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

a pine post

at a point in a easterly direction fifteen feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence north 350 feet to a pine post, being the northeast corner of said claim; thence northwest 1500 feet to a pine post, being at the northwest corner of said claim; thence south 350 feet to a pine post at the center of the west end of said claim; thence south 350 feet to a pine post, being at the southwest corner of said claim; thence southeast 1500 feet to a pine post at the southeast corner of said claim; thence north 350 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.

Dated and posted on the ground this 20th day of January 1905.

Witnesses

R. A. Bretherton

This claim is on abandoned ground formerly contained in the Oakland, St. Louis, Madison, Bisbee and Waldo Survey 1909.

C. M. Henkel

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

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Arizona Pros 2 Mining Claim, filed and recorded in my office on the 21st day of February, 1905, in Book 32, at page 554, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 30th, ~~1905~~ day of June, 1905.

Frank Hare
 County Recorder.

Notice of Mining Location

17

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Arizona No 3
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 R. A. Bretherton and C. M. Henkel, 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 7th day of February 1905

The length of this claim is 1500 feet,
and we claim 300 feet,

in a northwesterly direction and 1200
feet in a southeasterly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 300 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~~
N 52° 08' W ~~to the~~

The claim is situated and located in the Warren Mining District, in
Coconino County, in the Territory of Arizona, about one mile
in an easterly direction from the city of Bisbee and is
bounded at the south by the Collins Lode, Sur. No. 2009.
This is a relocation of abandoned ground formerly embraced in
the Chicago, Milwaukee, Madison and Oakland Lodes, Sur. No. 1909.

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

a pine post

at a point in a northwesterly direction 300 feet from
the discovery shaft (at which this notice is posted), being in the center of the northwest
end line of said claim; thence northerly 362.7 feet to a pine post
, being the northwest corner of said claim; thence
southeast 1500 feet to a pine post, being at the
southeast corner of said claim; thence southerly 362.7 feet
to a pine post at the center of the east end of said claim;
thence southerly 362.7 feet to a pine post, being at the
southeast corner of said claim; thence northwest 1500
feet to a pine post at the southwest corner of said claim;
thence northerly 362.7 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.

Dated and posted on the ground this 7th day of February 1905

R. A. Bretherton

C. M. Henkel

Filed and recorded at request of C. M. Henkel, Feb. 21st 1905 at
9 A. M. Book 32, page 555, Record of Mines.

Territory of Arizona, (
 County of Cochise, (ss. (

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Arizona No. 3 Mining Claim, filed and recorded in my office on the 21st day of February, 1905, in Book 32, at page 555, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 30th day of June, 1905.

Frank Hare
 County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Arizona No 4 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 R. A. Bretherton and C. M. Henkel, 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 7th day of February 1905

The length of this claim is 1370 feet, and we claim 70 feet,

in a northerly direction and 1300 feet in a southerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 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 to the

The claim is situated and located in the Warren Mining District, in Coconino County, in the Territory of Arizona, about one mile

in a n. easterly direction from the city of Bisbee and

is bounded on the west by the P. J. Johnson Lode Sur. No. 1959. This location embraces a portion of the abandoned mining claims known as the Philadelphia, Porphyry, Portland and Milwaukee Lodes, Sur. No. 1909.

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

a pine post.

at a point in a southerly direction 70 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence northeasterly 407.3 feet to a pine post

, being the northeast corner of said claim; thence southerly 1370 feet to a pine post, being at the southeast corner of said claim; thence southwesterly 407.3 feet to a pine post at the center of the south end of said claim;

thence southwesterly 407.3 feet to a pine post, being at the southwest corner of said claim; thence northerly 1370 feet to a pine post at the northwest corner of said claim;

thence northeasterly 407.3 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.

Dated and posted on the ground this 7th day of February 1905

R. A. Bretherton,

C. M. Henkel

Filed and recorded at request of C. M. Henkel, Feb. 21st 1905 at 9 A.M. Book 32, page 556, Record of Mines.

Territory of Arizona, (
County of Cochise. (ss.
(

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Arizona No. 4 Mining Claim, filed and recorded in my office on the 21st day of February, 1905, in Book 32, at page 556, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 30th day of June, 1905.

Frank Hare
County Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

Oct. 12, 1905., 190

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 R.A. Bretherton and C.M. Henkel

known as the Arizona No. 2, Arizona No. 3, Arizona No. 4.

situate in Warren

Mining District, Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. (unsurveyed), and

designated as Survey No. 2137, 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 less than five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimants or their grantors, and that said improvements consist of, at time of survey, 4 shafts, total value \$400.

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

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,

Arizona is correct and in conformity with the foregoing Field Notes.

(Signed) 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

Oct. 12, 1905, 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 R.A. Bretherton and C.M. Henkel

known as the Arizona No.2, Arizona No.3 Arizona No.4.

situate in Warren Mining District, Cochise County, Arizona

in Section APPROX., Township No. 23 S., Range No. 24 E. (unsurveyed) designated as Survey No. 2127

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, Aug. 10th to Aug. 15th, 1905, under my instructions dated July 5th, 1905, 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.

owned by R. A. Bretherton et al and situated in Warren Mining District, Cochise County, Arizona.

Affidavit of \$500 improvements.

I hereby certify that the value of the labor and improvements on this group placed thereon by the claimants or their grantors is not less than \$500 for each location thereof and that said improvements consist of:

ARIZONA NO. 4

No. 1	Discovery shaft 4x6x10 ft brs from N E C location S. 7° 27' W. 65 ft Value,	100.00
No. 2	Shaft 4x6x10 ft brs from S E C N. 13° 6' E. 450 ft Value	100.00
No. 3	Open Cut 5x10x12 ft brs from Cor. No. 3 S. 45° 53' W. 250 ft Value	100.00
No. 4	Open Cut 5x10x20 ft brs from Cor. No. 3, S. 30° 45' W 454 ft with tunnel 4x6x16 ft at face brg S. 47° 30' W. Value,	<u>200.00</u>
	Total	500.00

ARIZONA NO 3

No. 1	Discovery shaft 4x6x10 ft brs from NW E E C location S. 52° 8' E. 285 ft Value,	100.00
No. 2	Open Cut 5x10x12 ft brs from Cor. No. 4 N. 67° 38' W. 632 ft with tunnel 4x6x30 ft at face brg N. 82° 10' W. Value,	<u>400.00</u>
	Total	500.00

ARIZONA NO. 2

No. 1	Discovery shaft 4x6x10 ft brs from SE E C location N 48° 21' W. 35 ft Value,	100.00
No. 2	Open Cut 4 x 7 x 26 ft brs from Cor No. 3 S. 3° E. 286 ft with tunnel 4x6x27 ft at face brg N. 45° W. Value	<u>400.00</u>
	Total	<u>500.00</u>

Total Improvements on group

\$1500.00

Franklin W. Smith

Bisbee Arizona,
 Dec 11-1905

U. S. Deputy Mineral Surveyor

Affidavit of Five Hundred Dollars Improvements.

We, F. P. Sweeney and A. J. Babufooth

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Arizona No 2 Arizona No 3

Arizona No 4 mining claim, situate in Warren

mining district, Cochise County, Arizona Territory, for which

W. A. Bretherton et al

has 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

three grantor S. exceed five hundred dollars for each location thereof in value, and further that we are not personally interested

in said mine.

F. P. Sweeney
A. J. Babufooth

TERRITORY OF ARIZONA,

COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 11th day

[SEAL.]

of December, 1905

Carra E. Smith

NOTARY PUBLIC
in and for the County of Cochise, Territory of Arizona.
My Commission Expires March 21, 1908.

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for Dist. of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended on
improvements made by claimant or each of their grantors, upon the mining claim of
R. A. Bretherton et al

known as the Arizona No. 4, Arizona No. 3 and Arizona No. 2,
situate in Warren mining district,
Pinal County, Arizona,
in Section , Township No. , Range No. ;
that said improvements consist of 4 shafts, 3 cuts and 3 tunnels
total value \$1500.00

 , 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
Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated
Dec. 11, 1905, 18 , is hereto attached.

(Signed) Frank G. Ingalls

U. S. Surveyor General for Arizona

Office of U. S. Surveyor General,

Phoenix, Arizona

Dec. 15, 1905, 18