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Page 61901

Platted Dec 4-1901
S.E.F.

Farms as per
A.A. 1

(4-683.)

Mineral Survey No. 1592

Lot No.

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Vesta Open Copper Mining Company

KNOWN AS THE

Black Horse, Alpha, Omega, Elean, Jesse James, Missing Link & Crown Point,
Vesta

Mining District,

Jeopardy County, Arizona

Section Approx. Township 15th / 16th N., Range 2 E. (unsurveyed)

Surveyed under instructions dated Aug 6th 1901

by J. J. Fisher
U. S. Deputy Mineral Surveyor.

Claim located Various times

Survey commenced Aug 17th 1901

Survey completed Aug 20th 1901

0-100

H. M. Gibbs, Atty for Claimant
Jerome
Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Wm Crocker and Joe McAllee,
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 Verde Apex Copper Mining Company

, known as the Black Horse, Alpha Omega, Elenor, Jessie James, Missing Link & Crown Point
situate in Verde mining district,
Yavapai County, Arizona
in Section _____, Township No. _____, Range No. _____

Wm Crocker, Chainman.
Joe McAllee, Chainman.

Subscribed and sworn to by the above-named persons before
My commission expires May 19, 1904 me this 17th day of Aug, 1901.

J. J. Fisher
Notary Public

I, Joe McAllee, do solemnly swear that I will well and
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 Verde Apex Copper Mining Company
known as the Black Horse, Alpha Omega, Elenor, Jessie James, Missing Link and Crown Point
more fully described in the preceding affidavit.

Joe McAllee, Axeman.

Subscribed and sworn to by the said Joe McAllee
before me this 17 day of Aug, 1901.
My commission expires May 19, 1904

J. J. Fisher
Notary Public

I, Wm Crocker, 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 Verde Apex Copper Mining Company
known as the Black Horse, Alpha Omega Elenor, Jessie James
~~known as the~~ Missing Link and Crown Point,
more fully described in the preceding affidavit.

Wm Crocker, Flagman.

Subscribed and sworn to by the said Wm Crocker
before me this 17th day of Aug, 1901.
My commission expires May 19, 1904

J. J. Fisher
Notary Public

OCT 13 1903

Survey No. 1592

CROWN POINT LODE.

Beginning at cor. No. 1,


Thence S. 53° 19' E.

1196.6 To intersect line 2-3, 101 lode, and line 1-4,
102 lode Survey No. 1413, at N. 51° 15' E. 21.3 ft.
from cor. No.s 3 and 4 of said 101 and 102 lodes,
Survey No. 1413.

1497.7 To cor. No.2.

Prescott Ariz.

Oct. 12th, 1903.


U.S. Dep. Min. Surveyor.

Survey No.1592

Feet

BLACK HORSE LODGE

Beginning at cor.No.1, identical with N.W.cor of location.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon.of stone 3x3 ft. Stone marked B.H.No.1-1592.

A + on porphyry rock in place marked B.R.B.H.No.1-1592 brs.N.39°47'E.12.9 ft.

U.S.M.M.No.1 V.D.brs.N24°38' W.5971.7 ft.

Thence S.21°18'W.

Var.14° E.

1465.9 To cor.No.2 which is also cor.No.1 of Omega Lode of this survey, identical with cor.of location.

Cor.on solid rock in place

Cut + for cor.point on porphyry rock in place and marked B.H.No.2-1592, and O.No.1-1592. No brs.available.

Thence S.57°10'E.

Var.14 ° E.

282 To S.C.E.

A porphyry stone 8x8x24 ins. set one ft in ground alongside mon.of stone 3x3 ft. Stone marked S.C.E.B.H.No.1592.

582 To cor.No.3 which is also cor.No.2 Omega, and cor.No.4 Elenor lodes of this survey, identical with cor.of location.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon.of stone 3x3 ft. Stone marked B.H.No.3-1592, O.No.2-1592, and E.No.4-1592.

A + on porphyry rock in place Marked B.R.B.H.No.3-1592 brs.S.14°10' W.9.9 ft.

A + on porphyry rock in place marked B.R.E.No.4-1592 brs.N.16°25' W. 18.8 ft.

Survey No. 1592

Feet	
	<p>Thence N. 22° E. Var. 14° E.</p>
394	To cor. No. 1 Elenor Lode of this survey and cor No. 4 Sigsby Lode Survey No. 1566.
994	To cor. No. 1 Sigsby, and cor No. 4 Socrates Lodes Survey No. 1566.
1462.5	<p>To cor. No. 4 identical with cor. of location.</p> <p>A porphyry stone 6x10x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked B.H.No. 4-1592.</p> <p>A + on porphyry rock in place marked B.R.B.H.No. 4-1592 brs. N. 23° 30' E. 15.9 ft.</p>
	<p>Thence N. 57° 10' W. Var. 14° E.</p>
300	<p>To N.C.E. which is also cor. No. 2 Jesse James, and cor. No. 3 Missing Link Lodes of this survey.</p> <p>A porphyry stone 6x8x30 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked N.C.E.B.H. No. 1592, and J.J.No. 2-1592, and M.L.No. 3-1592. No brs. available.</p>
538	To cor No. 2 Missing Link and cor. ⁴ / _n No. 3 Crown Point Lodes of this survey.
600	<p>To cor. No. 1 place of beginning survey of exterior boundaries.</p> <p>Cor. No. 4 Legal Tender Lode, Survey No. 1565 brs. S. 60° 27' W. 257 ft.</p>
	* * * *
	JESSE JAMES LODGE
	<p>Beginning at cor. No. 3 the S.E. cor. of location, which is also cor. No. 4 of Juniper Lode, Survey No. 1566, identical with cor. of location. <i>at 8.57° 10' E. 205 ft. from cor. No. 4. Black Horse, cor. No. 1. Sigsby brs. N. 45° W. 285 ft.</i></p> <p>A porphyry stone 6x10x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked J.J.No. 3-1592. Same stone marked J.No. 4-1566.</p>

Survey No.1592

Feet

A + on porphyry rock in place marked B.R.J.J.No.3-1592 brs.S.75°10' E. 14.5 ft.

A + on porphyry rock in place marked B.R.J.J.No.3-1592 brs. N.83°10'W.11.5 ft.

Thence N.39°15' E.

Var.14° E.

546.8 To cor.No.4at intersection of line 3-4 102 Lode Survey No.1413 at N.57°10'W.251.7 from cor.No.3

A porphyry stone 4x8x24 ins. set one ft. in ground alongside mon.of stone 3x3 ft. Stone marked J.J.No.4-1592.

A + on porphyry rock in place marked B.R.J.J.No.4-1592 brs.S.44°3' W. 50.8 ft.

A + on porphyry rock in place marked B.R.J.J.No.4-1592 brs.S.79°53'W. 18.5 ft.

Original mon.of location could not be found.

Thence N.57°10'W.

Var.14° E.

300 Along line 3-4 102 Lode Survey No.1413 to N.C.E.

A porphyry stone 5x10x24 ins. set one ft. in ground alongside mon.of stone 3x3 ft. Stone marked N.C.E.J.J.No.1592.

565 To cor.No.1 which is also cor.NO.4 Missing Link Lode of this survey.

Original cor.of location could not be found.

Cut a + on porphyry rock in place for cor.point marked J.J.No.1-1592 and M.L.No.4-1592.No brs.available.

U.S.M.M.No.1 V.D. brs.N.30°52'W.6020.3 ft.

Thence S.39°15'W.

Var.14° E.

Survey No.1592

Feet

546.8 To cor.No.2 which is also cor.No.3 Missing Link Lode of this survey, and N.C.E.Black Horse Lode of this survey. Identical with cor.of location. Cor.described above.

Thence S.57°10'E.

Var.14 E.

265 To S.C.E.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon.of stone 3x3 ft. Stone marked S.C.E.J.J. No.1592.

300 To cor.No.4 Black Horse Lode of this survey at intersection of line 1-4 Socrates Lode Survey No.1566 at S.22°W.61.5 ft. from cor.No.1.

565 ft To cor.No.3 place of beginning survey of exterior boundaries.

* * * *

CROWN POINT LODE.

Beginning at cor.No.1 the N.W.cor of claim, identical with location.

A limestone 6x12x24 ins. set one ft. in ground alongside a mon.of stone 3x3 ft. Stone marked C.P.No.1-1592.

A + on limestone in place marked B.R.C.P.No.1-1592 brs.S.0°20' E. 25.1 ft.

A + on limestone in place marked B.R.C.P.No.1-1592 brs.N.24°W.15.3 ft.

U.S.M.M. No.1 V.D. brs.N.22°8' W.4461.6 ft.

Thence S.53°19' E.

Var.14° E.

1196.6 To intersect line 2-3 101 Lode Survey No.1413 at N. 51°15' E. 21.3 ft. from cor.No.3

1497.7 To cor.No.2 which is also cor.No.1 Missing Link of this survey, identical with cor.of location.

Survey No. 1592

Feet

A porphyry stone 10x10x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked C.P.No.2-1592 and M.L.No.1-1592.

A + on porphyry rock in place marked B.R.C.P.No.2-1592 brs. N.53°20' W. 13.4 ft.

A + on porphyry rock in place marked B.R.M.L. No.1-1592 brs. S.15°45' E. 18.4 ft.

Thence S.39°15'W.

Var.14° E.

265 To E.C.E.

A porphyry stone 7x8 x 20 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked E.C.E.C.P. No.1592.

546.8 To cor.No.3 which is also cor.No.2 of Missing Link Lode of this survey, identical with cor. of location.

Cut a + on solid rock in place for cor. point, and marked C.P.No.3-1592, and M.L.No.2-1592. No. brs. available.

Thence N.53°19' W.

Var.14° E.

511.2 To intersect line 1-4 Legal Tender Lode of Survey No.1565 at S.18°52' E. 177.7 ft. from cor.No.1.

615.7 To intersect line 1-2 Legal Tender Lode of Survey No.1565 at S.14°W. 109 ft. from cor.No.1

1497.7 To cor.No.4 Identical with cor. of location.

A limestone 6x8x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked C.P.4-1592 No brs. available.

Thence N.39°15'E.

Var.14° E.

281.8 To W.C.E.

546.8 To cor.No.1 place of beginning survey of exterior boundaries.

Survey No.1592

Feet

MISSING LINK LODE

Beginning at cor.No.2 identical with ^{S.}N.W.cor of location, which is also cor.No.3 Crown Point Lode of this survey.

Cor.point on north end line of Black Horse Lode at S.57°10'E.62 ft. from cor.No.1. Cor.described above.

Thence S.57°10'E.

Var.14° E.

238 To cor.No.3 which is also the N.C.E. of Black Horse Lode and cor.No.2 of Jesse James Lode of this survey. Cor.described above.

Thence N.39°15'E.

Var.14° E.

546.8 To cor.No.4 which is also cor.No.1 Jesse James Lode of this survey. Cor.of location could not be found. Cor.described above.

Thence N.57°10'W.

Var.14° E.

238 To cor.No.1 which is also cor.No.2 of Crown Point Lode of this survey. Cor.point on line 3-4 102 Lode Survey No.1413 at S.57°10'E.307 from cor.No.4. Cor.described above. Cor.of location of Missing Link could not be found.

U.S.M.M.No.1 V.D. brs.N.31°3'W. 5881.2 ft.

Thence S.39°15'W.

Var.14° E.

546.8 To cor.No.2 place of beginning survey of exterior boundaries.

Survey No. 1592

Feet

OMEGA LODE

Beginning at cor.No.1 identical with N.W.cor of location which is also cor.No.2 of Black Horse Lode of this survey. Cor.described above.

U.S.M.M.No.1V.D.brs.N.16°4'W. 7070.4 ft.

Thence S.57°10'E.

Var.14° E.

582

To cor.No.2 which is also cor.No.4 of the Elenor Lode of this survey, and cor.No.3 Black Horse Lode of this survey. Cor.described above.

Thence S.45°E.

Var.14°E.

730

To cor.No.3 which is also cor.No.1 of the Alpha Lode of this survey.

Cut a + on porphyry rock in place for cor.point marked O No.3-1592 and A.No.1-1592. Alongside built a mon.of stone 3x3 ft. No brs.available.

Thence S.14°W.

Var.14°E.

300

To S.C.E. which is also the W.C.E. of the Alpha Lode of this survey.

Cut a+ on solid porphyry rock in place marked S.C.E. O.No.1592 and N.C.E.A.No.1592. Alongside mon.of stone 3x3 ft.

600

To cor.No.4 which is also cor.No.4 of Alpha Lode of this survey.

Cut + on solid porphyry rock in place for cor.point marked O.No.4-1592 and A.No.4-1592. No brs.available.

Survey No.1592

Feet	
	<p style="text-align: center;">Thence N.44°22'W. Var.14° E.</p>
750	To West side mon.
1152.9	To intersect line 1-4 Mescal Lode Survey No.1415 at N.11°W. 135.6 ft. from cor.No.4
1383.4	To cor.No.5 identical with cor.of location. A porphyry stone 8x10x24 ins. set one ft.in ground alongside mon.of stone 3x3 ft. Stone marked O.No.5-1592. A + on porphyry rock in place marked B.R.O.No.5-1592 brs.N.64°15'W. 15.2 ft. A + on porphyry rock in place marked B.R.O.No.5-1592 brs.S.26°12'W.14.9 ft.
	<p style="text-align: center;">Thence N.14°E. Var.14° E.</p>
300	To N.C.E. which is also cor.No.1 Mescal Lode Survey No.1415 and cor.No.3 Legal Tender Lode Survey No.1565
438	To cor.No.1 place of beginning survey of exterior boundaries.
	* * *
	ALPHA LODE
	Beginning at cor.No.1 which is also cor.No.3 of Omega Lode of this survey, identical with cor. of location. Cor.described above. U.S.M.M.No.1 V.D. brs.N.21°13'W.8180.4 ft.
	<p style="text-align: center;">Thence S.45°E. Var.14° E.</p>
479	To East side mon. which is also cor.No.3 of Elenor Lode of this survey.
1025	To cor.No.2 identical with cor. of location.

Survey No.1592.

Feet

A porphyry stone 6x10x24 ins. set one ft. in ground
alongside mon.of stone 3x3 ft. Stone marked A.No.2-1592

A + on porphyry rock in place marked B.R.A.No.2-1592
brs.S.69°45'E.10.3 ft.

A + on porphyry rock in place marked B.R.A.No.2-1592
brs.S.6°45'E.37 ft.

Thence S.14°W.

Var.14° E.

300 To E.C.E.

A porphyry stone 4x10x24 ins. set one ft.in ground
alongside mon.of stone 3x3 ft. Stone marked E.C.E.A.
No.1592

600 To cor.No.3 identical with cor.of location.

A porphyry stone 6x8x24 ins. set one ft. in ground
alongside mon.of stone 3x3 ft. Stone marked A.No.3-
1592.No brs. available.

Thence N.45°W.

Var.14°E.

650 To West side mon.

1025 To cor.No.4 which is also cor.No.4 of Omega of this
survey. Cor.described above.

Thence N.14°E.

Var.14° ↙

300 To W.C.E. which is also E.C.E of Omega Lode of this
Survey. Mon. described above.

600 To cor.No.1 place of beginning survey of exterior
boundaries.

Survey No. 1592

Feet

ELENOR LODGE

Beginning at cor. No. 1 which is also cor. No. 4 of Sigsby Lode Survey No. 1566. Original cor. of location brs. N. $18^{\circ}39'W$. 410 ft.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked E. No. L-1592 Same Stone marked S. No. 4-1566. No brs. available.

U.S.M.M. No. 1 V.D. brs. N. $21^{\circ}2'W$. 7225.8 ft.

Thence S. $45^{\circ}E$.

Var. $14^{\circ}E$.

1209 To cor. No. 2 at N. $45^{\circ}W$. 55 ft. from cor. No. 3 Sigsby Lode Survey No. 1566 Original location mon. brs. N. $22^{\circ}E$. 206 ft.

A porphyry stone 6x8x30 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked E. No. 2-1592.

A + on porphyry rock in place marked B.R.E. No. 2-1592 brs. S. $37^{\circ}15'W$. 13.2 ft.

Thence S. $22^{\circ}W$.

Var. $14^{\circ}E$.

94 To E.C.E.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked E.C.E.E. No. 1592.

394 To cor. No. 3 identical with cor. of location.

A porphyry stone 6x8x24 ins. set one ft. in ground alongside mon. of stone 3x3 ft. Stone marked E. No. 3-1592.

A + on porphyry rock in place marked B.R.E. No. 3-1592 brs. S. $6^{\circ}30'W$. 26.8 ft.

Survey No.1592

Feet

Thence N.45°W.

Var.14° E.

479 To cor.No.1 Alpha and cor.No.3 Omega Lodes of this survey.

750 To West side mon.

1209 To cor.No.4 which is also cor.No.3 of Black Horse and cor.No.2 Omega Lodes of this survey.Original cor.of location brs.N45°W,292 ft. Cor.described above.

Thence N.22°E.

Var.14°E.

300 To W.C.E.

A porphyry stone 5x10x24ins.set one ft.in ground alongside mon.of stone 3x3 ft. Stone marked W.C.E.E. No.1592.

394 ft. To cor.No.1 to place of beginning survey of exterior boundaries.

* * * * *

AREA.

Black Horse Lode	-	-	20.138 ^{19.48} acres ✓
Elenor	-	-	10.072 acres ✓
Alpha	-	-	11.250 ^{12.10} acres ✓
<i>Missing</i> Missing Link	-	-	2.968 acres ✓
Omega			
Gross area	-	15.046	
Less conflict with <i>Miscal</i> Mescal			
Survey No.1415	-	.640 ^{.68}	
Net area Omega lode			^{14.366} 14.406 acres
Jess e James			
Gross area	-	7.859 ^{7.045}	
Less conflict with Socrates			
Survey No.1566	-	<u>.184</u>	
Net area Jess e James Lode			^{6.861} 7.675 acres ✓

Survey No.1592

AREA.

Crown Point Lode

Gross area	18.801	acres	✓
Less area in conflict with			
102 Lode Survey No.1413	.071		✓
101 " " "	<u>.283</u>		✓
Legal Tender " " 1565	<u>.120</u>	<u>.474</u>	✓
Net area Crown Point Lode		<u>18.327</u> acres	✓
Total area lode claim		84.836 acres	

* * *

LOCATION.

This claim is located approximately in T.16 N., R.2 E., Gila Salt River Base and Meridian, on unsurveyed in Verde Mining District, Yavapai County, Arizona Territory, and is bounded on the north by 101 and 102 Lodes, Survey No.1413; and on the east by the Juniper, Socrates, and Sigsby lodes Survey No.1566; on the south by government land; on the west by the Muscal Survey No.1415 and Legal Tender Survey No.1565.

* * *

VEINS.

Black Horse

The vein extends N.22°E.750 ft. and S.22°W. 712.5 ft. from the discovery shaft.

Jessie James

The vein extends from the N.C.E.mon. in a southwesterly course 546.8 ft.

Missing Link

The vein extends from cor.No.3 in a northeasterly direction 547 ft., it being an extension of Black Horse vein.

The vein extends in a southeasterly direction 20 ft. and in a westerly direction 100 ft.

Survey No.1592

VEINS.

Crown Point

The vein extends in a southeasterly direction 20 ft. and in a northwesterly direction 1477.7 ft. from the discovery shaft.

Omega

The vein extends 50 ft. in a southeasterly direction and 1333.4 ft. in a northwesterly direction from the discovery shaft.

Alpha

The vein extends 50 ft. in a northwesterly direction and 975 ft. in a southeasterly direction from the discovery shaft.

Elenor

The vein extends in a southeasterly direction 750 ft. and in a northwesterly direction 459 ft. from the discovery shaft.

* * *

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim placed thereon by the claimant and its grantor is not less than five hundred dollars and that said improvements consist of:

Black Horse Lode

Discovery shaft No.1 which brs.from N.C.E.mon. S.22°W.750 ft. Shaft 4x6 ft. 54 ft. deep,

Value - \$540.00

Tunnel No.2 which brs.from cor.No.4 S.46°W. 200 ft. Tunnel 4x6 ft.,course S.44°W. 220 ft.

Value - \$2200.00

Jessie James Lode

Discovery tunnel No.1 which brs. from cor.No.3 N.11°45'W.385 ft. Tunnel 4 1/2 x7 ft. 44 ft.long.

Course N.W. Value - \$660.00

Survey No. 1592

Missing Link Lode

Discovery shaft No. 1 which brs. from cor. No. 2
N. 74° E. 360 ft. Shaft 4x6 ft. 10 ft. deep.

Value - \$100.00

Crown Point Lode

Discovery shaft No. 1 which brs. from E. C. E. mon.
N. 53° 19' W. 20 ft. Shaft 4x6 ft. 20 ft. deep.

Value - \$200.00

Cross cut tunnel No. 2 which brs. from cor. No. 1
Black Horse lode of this survey S. 89° 30' W. 55 ft.
Tunnel 4x6 ft. 30 ft. long. Course N. 39° E.

Value - \$300.00

Omega Lode

Discovery shaft No. 1 which brs. from E. C. E. mon.
N. 44° 22' W. 50 ft. Shaft 4x6 ft. 10 ft. deep

Value - \$100.00

Alpha Lode

Discovery shaft No. 1 which brs. from W. C. E. mon.
S. 45° E. 50 ft. Shaft 4x6 10 ft. deep.

Value - \$100.00

Elenor Lode

Discovery shaft No. 1 which brs from E. C. E. mon.
N. 45° W. 750 ft. Shaft 4x6 ft. 10 ft. deep.

Value - \$100.00

Total value of improvements \$4300.00

which is to be apportioned among the several locations
comprising this claim.

* * *

INSTRUMENTS.

This survey was made with Gurley Light Mountain
Solar transit. The courses were deflected from the true
meridian as determined by solar observation. The dis-
tances were measured with 50-ft. steel tape and 100-ft.
steel chain.

Prescott, August 23d, 1901

J. J. Fisher
U.S.D.M.S.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. J. Fisher
 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 Verde Apex Copper Mining Company
 known as the Black Horse, Alpha Omega Elenor, Jessie James, Missing Link, Arrow Point,
 and showing the respective capacities in which they acted.

Wm Crocker , Chairman.
Joe McAttee , Chairman.
Joe McAttee , Axman.
Wm Crocker , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Wm Crocker
 and Joe McAttee do solemnly swear that we assisted J. J. Fisher
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Verde Apex Copper
Mining Company
 known as the Black Horse, Alpha
Omega, Elenor, Jessie James, Missing Link and Arrow Point. , 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

Wm Crocker , Chairman.
Joe McAttee , Chairman.
Joe McAttee , Axman .
Wm Crocker , Flagman.

My commission expires
 May 19, 1904

Subscribed and sworn to by the above-named persons before me
 this 28th day of Aug., 1901.

J. J. Fisher
 Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug 6th 1901, 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 Vede Apex Copper Mining Company, known as the Black Horse Alpha Omega Elmer J. James, Missing Link & Crown Point, situate in Vede Mining District, Yavapai County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1592, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or its grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

J. J. Fisher
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher
U. S. Deputy Mineral Surveyor, before me a Notary Public in and
for Yavapai County, A. S. this 24th
day of August, 1901.

Ziba O. Brown
Notary Public



Affidavit of Five Hundred Dollars Improvements.

We, Wm Crocker, and Joe Mc Ale

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Black Horse Alpha Omega Elevon Juni Junis mining and Crown Point mining claim, situate in Verde Mining District, Yavapai County, Arizona Territory, for which Verde Apex Copper Mining Company

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 and It grantor exceed Five Hundred for each claim Dollars in value, and further, that we are not personally interested in said mine.

Wm Crocker
Joe Mc Ale

TERRITORY OF ARIZONA,
County of Yavapai } ss:

Sworn to and subscribed before me, this 20th

day of August, 1901

J. J. Fisher
Notary Public

BLACK HORSE.

April 1st, 1895.

We, the undersigned, have this day located said ledge or lode seven hundred and fifty feet in a southerly direction and seven hundred and fifty feet in a northerly direction to monument of stone running parallel with said ledge, thence three hundred feet in an easterly direction to monument of stone, thence fifteen hundred feet in a southerly direction to monument of stone, thence Six hundred feet in a westerly direction across the ledge to a monument of stone thence fifteen hundred feet in a northerly direction to monument of stone, thence three hundred feet in an easterly direction to monument of begin_ing and is situated in the Black Hills Mining District, and is all_so situated one mile north of east of Mescal Spring, and shall be known as the Black Horse Copper Mining Claim.

Dated on the ground this the first day of April, 1895.

James W. Newbould,

David Hall.

Witness F.E. Simpson.

Recorded at request of James Newbould, April 3d, A.D. 1895, at 9 o'clock A.M. in Book 41 of Mines, pages 538 - 9, Records of Yavapai County, Arizona.

F.A. Tritle,

(L.S.)

County Recorder.

By M.O. Archibald, Deputy.

"ALPHA".

NOTICE OF MINING LOCATION.

Quartz Claim.

To all whom it may concern; This mining claim, the name of which is the Alpha 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 John G. McBride, the undersigned, on the 31st day of May, 1899.

The length of this claim is 1500 feet and I claim 1450 feet in a southerly direction and 50 feet in a northerly 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. The claim is situated and located in the Verde Mining District, in Yavapai County, in the Territory of Arizona, about 3 miles in a southerly direction from Jerome, Arizona.

The surface boundaries of the claim are marked upon the ground as follows; Beginning at at a point in a southerly direction 50 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence 300 feet to a stone monument being the S.W. corner of said claim; thence 750 feet to a stone monument at the center of the west side line of said claim; thence 750 feet to a stone monument being at the N.W. corner of said claim; thence 300 feet to a stone monument at the center of the north end of said claim; thence 300 feet to a stone monument being at the N.E. corner of said claim; thence 750 feet to a stone monument being at the center of the East side line of said claim; thence 750 feet to a stone monument at the S.E. corner of said claim; thence 300 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 20, 1895.

Dated and posted on the ground this 31st day of May, 1899.

Jno. G. McBride.

Filed and recorded at request of John G. McBride, June 26", A. D. 1899 at 11:00 o'clock A.M. ~~in~~ Book 52 of Mines, page 190, Records of Yavapai County, Arizona.

W. I. Johnson,

(Seal)

County Recorder.

By E. C. Averyt, Deputy Recorder.

OMEGA.

NOTICE OF MINING LOCATION. QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN; This Mining Claim, the name of which is the Omega 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 John G. McBride, the undersigned, on the 31st day of May, 1899.

The length of this claim is 1500 feet and I claim 1450 feet in a northerly direction and 50 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. The claim is situated and located in the Verde Mining District, in Yavapai County, in the Territory of Arizona, about 3 miles in a southerly direction from Jerome, Arizona.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at__ at a point in a southerly direction 50 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence 300 feet to a stone monument being the S.W. corner of said claim; thence 750 feet to a Northerly at the center of the west side line of said claim; thence 750 feet to a stone monument^{being} at the N.W. corner of said claim; thence 300 feet to a stone monument at the center of the north end of said claim; thence 300 feet to a stone monument, being at the N.E. corner of said claim; thence 750 feet to a stone monument being at the center of the east side line of said claim; thence 750 feet to a stone monument at the S.E. corner of said claim; thence 300 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 20, 1895.

Dated and posted on the ground this 31st day of May, 1899.

John G. McBride.

Filed and recorded at request of John G. McBride, June 26", A. D. 1899, at 11:00 o'clock A.M. in Book 52 of Mines, page 189, Records of Yavapai County, Arizona.

W.I. Johnson,
County Recorder.

(Seal).

By E.C. Averyt, Deputy Recorder.

ELENOR.

NOTICE OF MINING LOCATION.

Quartz Claim.

To all whom it may concern: This Mining Claim, the name of which is the Elenor 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 David Hall, J.W.Newbould, the undersigned on the 12 day of feb. 1899.

The length of this claim is 1500 feet and we claim 750 feet in a easterly direction and 750 feet in a westerly 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 east to the west.

The claim is situated and located in the Verde Mining District, in Yavapai County, in the Territory of Arizona, about 2 miles in a southrly direction from the town of Jerome $3\frac{3}{4}$ miles easterly from mesal springs.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at this claim laps on the south end of the Black Hors mine and crosses the mesal creak at a point in a easterly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence 300 feet to a monument of stone being the n.e. corner of said claim; thence 750 feet to a s.m. at the center of the north side line of said claim; thence 750 feet to a s.m. being at the n.w. corner of said claim; thence 300 feet to a s.m. at the center of the west end of said claim; thence 300 feet to a s.m., being at the S.W. corner of said claim; thence 750 feet to a s.m. being at the center of the south side line of said claim; thence 750 feet to a s.m. at the s.e. corner of said claim; thence 300 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 20, 1895.

Dated and posted on the ground this 12 day of feb. 1899.

David Hall.

J.W. Newbould.

Filed and recorded at request of E.F.Roberts, March 27", A. D.1899, at 9:00 o'clock A.M. ~~in~~ Book 50 of Mines, page 545, Records of Yavapai County, Arizona.

W.I.Johnson,
County Recorder.

(Seal)

By P.J.Farley, Deputy Recorder.

being first

JESSIE JAMES.

April 1st, 1895.

We, the undersigned have this day located a north extension of the Black Horse Copper Mining Claim, situated in the Black Hills Mining District, one mile north of east of Mescal Springs, beginning at center monument running 750 ~~###~~ ft. in a southerly direction to monument of stone and 750 ft. in a northerly direction to monument of stone, thence 300 ft. in an easterly direction to monument of stone, thence 1500 feet in a southerly direction to monument of stone, thence 600 ft. in a westerly direction across the ledge to monument of stone, thence 1500 ft. in a northerly direction to monument of stone, thence 300 ft, in an easterly direction to monument of beginning, and shall be known as the Jesse James Mining Claim.

Dated on the ground this the first day of April, 1895.

J.W.Newbould,

David Hall.

Witness F.E.Simpson.

Recorded at request of J.W.Newbould, April 3d, A.D. 1895, at 9 o'clock A.M. in Book 41 of Mines, page 538, Records of Yavapai County, Arizona.

F.A.Trittle,

(L.S.).

County Recorder.

By M.O.Archibald, Deputy.

MISING LINK.

NOTICE OF MINING LOCATION.

Quartz Claim.

To all whom it may concern: This mining claim, the name of which is the Mising Link 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 David Hall & Jas. Wm. Newbould, the undersigned on the 9 day of February, 1899.

The length of this claim is 1500 feet and we claim 750 feet in a northly direction and 750 feet in a southly 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. The claim is situated and located in the Verde Mining District, in Yavipia County, in the Territory of Arizona, about 1 mile in a southly direction from U.V. smelter, this claim lies on east end Crown Point ~~claim~~ claim on north of Black Horse claim west of Jessey James claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at at a point in a northly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the north end line of said claim; thence 300 west feet to a monument stone, being the N.W. corner of said claim; thence 750 feet to a monument at the center of the west side line of said claim; thence 750 feet to a monument being at the S. W. corner of said claim; thence 300 east feet to a monument at the center of the south end of said claim; thence 300 east feet to a monument being at the S.E. corner of said claim; thence 750 north feet to a monument being at the center of the east side line of said claim; thence 750 north feet to a monument at the N.E. corner of said claim; thence 300 west 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.

Dated and posted on the ground this 9 day of Feb. 1899.

Jas. W. Newbould,
David Hall.

Filed and recorded at request of E. F. Roberts, March 27", A. D. 1899 at 9:00 o'clock A. M. ~~in~~ Book 50 of Mines, page 546, Records of Yavapai County, Arizona.

W. I. Johnson,
County Recorder.

(Seal)

By P. J. Farley, Deputy Recorder.

Territory of Arizona, }
 County of Yavapai, } SS:

I, P.J.FARLEY, County Recorder in and for the County of Yavapai, Territory of Arizona and Custodian of the Records thereof, do hereby certify that I have compared the within and foregoing with and the same is a full, true and correct copy of the Notices of Location of the following mining claims, towit:-

The "Jesse James" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 41 of Mines, page 538, Records of Yavapai County, Arizona;

The "Black Horse" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 41 of Mines, pages 538 - 9, Records of Yavapai County, Arizona;

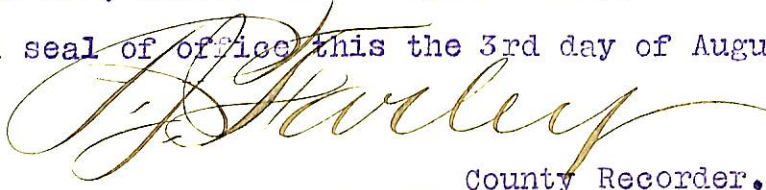
The "Elenor" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 50 of Mines, page 545, Records of Yavapai County, Arizona;

The "Missing Link" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 50 of Mines, page 546, Records of Yavapai County, Arizona;

The "Omega" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 52 of Mines, page 189, Records of Yavapai County, Arizona;

The "Alpha" Mining Claim, the notice of location whereof is of record in the office of the County Recorder of the County of Yavapai in Book 52 of Mines, page 190, Records of Yavapai County, Arizona.

Witness my hand and seal of office this the 3rd day of August, A.D.1901.


 County Recorder.

FOR SOUTH END OF CLAIM.

NOTICE OF LOCATION.

KNOW ALL MEN BY THESE PRESENTS:

That... I..., the undersigned, have this day located fifteen hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground three hundred (300) feet on each side of the center of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water Privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States, under which it is located.

This claim commences at this Monument and Notice, placed upon the ledge, and runs fifteen hundred (1500) feet in a Northerly direction along the ledge.

The exterior boundaries are as follows, viz.: Commencing at this monument and notice and running three hundred (300) feet in an easterly direction to monument of ~~stone~~ at S. E. corner of claim; thence in a northerly direction parallel with the ledge fifteen hundred (1500) feet to monument at N. E. corner of claim; thence in a westerly direction at right angles across the ledge six hundred (600) feet to monument at N. W. corner of claim; thence parallel with the lode in a southerly direction fifteen hundred (1500) feet to monument at S. W. corner of claim; thence at right angles across the ledge, in an easterly direction, three hundred (300) feet to monument upon the ledge and place of beginning.

This ledge may be more generally described as situated: *about 1 1/2 miles*

South West of Jerome and about 1 mile South East of Walnut Springs running Parallel with the 107 Mining claim on the west

in *Upper Verde* Mining District, Yavapai County, Arizona Territory, and shall be known as the *Crown Point* Mining Claim.

Dated on the ground this *13th* day of *January* 189 *5*.

Thos. Berger

(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,

Tucson, Arizona.

December 4th, 1901.

I, U. S. Surveyor General for *District of Arizona*,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the
Survey of the Mining Claim of *Verde apex copper mining
Company*

....., known as the
Black Horse, alpha, Omega, Elenor, Jesse James, Mining Link & Crown Point.
situate in *Verde* mining district,

Yavapai County, *Arizona*,

in Section *(approx)*, Township No. *16 N.*, Range No. *2 East (unsurveyed)*

....., designated as Survey No. *1592.*

executed by *J. J. Fisher*, U. S. Deputy Mineral

Surveyor, *Aug 17-20*, 1901, under my instructions dated

Aug 6, 1901, 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.

Nugh Rice

U. S. Surveyor General for *Arizona.*

Crown Paid
J. Fryer.
Upper Deck
Jan'y 13th 1895

RECORDED AT THE REQUEST OF

J. Fryer
May 11th A. D. 1895.
At 11²⁰ o'clock. A. M.

In Book 32 of Minutes
Pages 404

Records of Varapet Court, Madras

J. A. Dide
County Recorder.
By J. A. Dide Deputy.

LARGE

MAP

INSERT
