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MINERAL SURVEY NO. 1421

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(4-683.)

Mineral Survey No. 1421

Lot No. _____

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Black Hills Copper Company Ltd.

KNOWN AS THE

Mountain View, Key West, Domingo, Olympia, Vulcan
& Descanso, Verde

Mining District,

Josephine County, Arizona

Section approximately Township 16¹⁵ N, Range 1² E

Surveyed under instructions dated October 23rd, 1899

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

Claims located Feb. 25/95, Sep. 19/99, June 25/99, June 25/99, June 25/99, June 25/99

Survey commenced November 8th, 1899.

Survey completed November 10th, 1899.

Address,
Russ M Ling
Atty in fact for claimant
Prescott
Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, E. H. Draper and Walter Tompkins, 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 Black Hills Copper Co. Ltd.

known as the Mountain View, Key Mt. Domingo, Olympic Volcanic Descanso situate in Verde mining district, Yavapai County, Arizona, in Section _____, Township No. _____, Range No. _____

E. H. Draper, Chairman.
Walter Tompkins, Chairman.

Subscribed and sworn to by the above-named persons before

My commission expires me this 8th day of November, 1899
May 10, 1900.

J. J. Fisher
Notary Public

I, Walter Tompkins, 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 Black Hills Copper Co. Ltd.

known as the Mountain View, Key Mt. Domingo, Olympic Volcanic Descanso more fully described in the preceding affidavit.

Walter Tompkins, Axeman.

Subscribed and sworn to by the said Walter Tompkins before me this 8th day of November, 1899.

My commission expires
May 10, 1900.

J. J. Fisher
Notary Public

I, E. H. Draper, 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 Black Hills Copper Co. Ltd.

known as the Mountain View, Key Mt. Domingo, Olympic Volcanic Descanso more fully described in the preceding affidavit.

E. H. Draper, Flagman.

Subscribed and sworn to by the said E. H. Draper before me this 8th day of November, 1899.

My commission expires
May 10, 1900.

J. J. Fisher
Notary Public.

Survey No 1421

Feet

Mountain View Lode.

Beginning at Cor. No. 1. which is the S.E. corner of claim. Identical with loc. A state stone $4 \times 8 \times 24$ ins. set one foot in ground, along side built a mon. of stones, 3×3 feet. Stone marked M.V. No 1-1421 A+ on a porphyry rock in place, marked B.R. M.V. No 1-1421 brs. S $43^{\circ} 3' E$ 11.3 feet A+ on a porphyry rock in place, marked B.R. M.V. No 1-1421 brs. N $72^{\circ} 45' E$ 14 feet. U.S. L.M.V.D. No 1365 brs. S $14^{\circ} 27' W$ 39.5 feet.

Thru N $24^{\circ} 35' W$ Dev. $14^{\circ} E$

- 55.2 To Cor. No. 1. Deer Trail, Survey No 1365
- 85.8 To intersect. line 4-3 Lost mine at S $83^{\circ} 42' E$ 108.3 feet
- 1432 To initial mon. of Mountain View, a mon. of stones 3 feet in base and 3 feet high
- 1482 To Cor. No. 2. which is also Cor. No. 2. Deer Trail & Cor. No. 1. Bellevue, Survey No 1365. Identical with N.E. cor. of the loc. A porphyry stone $6 \times 8 \times 30$ ins. set one foot in ground, along side built a mon. of stones 3 feet in base & 3 feet high. Stone marked M.V. No 2-1421. Same stone marked D.J. No 2-1365 & B No 1-1365. A+ on a porphyry rock in place, marked B.R. M.V. No 2-1421 brs. S $42^{\circ} 48' E$ 17.2 A+ on a porphyry rock in place, marked B.R. M.V. No 2-1421 brs. N $40^{\circ} 10' E$ 9 feet.

Survey No 1421

Foot

Thence $S 66^{\circ} 10' W$ Var $14^{\circ} E$

600

To Cor. No 3. Identical with corner location.

A porphyry stone $6 \times 10 \times 24$ ins. set one foot in ground, along side built a mon. of stones, 3 feet on base & 3 feet high. Stone marked M.V. No 3-1421.

A + on a porphyry rock in place.

marked B.R. M.V. No 3-1421 brs. $N 48^{\circ} 55' W 32$ feet.A + on a porphyry rock in place, marked B.R. M.V. No 3-1421 brs. $N 33^{\circ} E 11$ feet.Thence $S 24^{\circ} 35' E$ Var $14^{\circ} E$

345

To S.E. cor. Vulcan & N.E. cor. Olympia of this survey.

935

To S.E. cor. Olympia & N.E. cor. Domingo of this survey.

1482

To Cor. 4. Ident. with Cor. which is also Cor. No 1. Domingo of this survey.

A lime stone $8 \times 8 \times 24$ ins. set one foot in ground, along side built a mon. of stones, 30×3 feet

Stone marked M.V. No 4-1421. Same

stone marked D No 1-1421, for Cor.

No 1. Domingo side of this survey.

A + on a lime rock in place, marked B.R. D No 1-1421 brs. $S 6^{\circ} 45' W 20.2$ feet.

No other bearings available.

Thence $N 66^{\circ} 10' E$ Var $14^{\circ} E$

455

To intersect 4-1, Lost mine survey No 1361 at $S 2^{\circ} E 145$ feet from Cor. No 4.

600

To Cor. No 1. The place of beginning survey of exterior boundaries.

Survey No 1421

Feet

Descanso Lodge.

Beginning at S.E. Cor. of claim
Identical with location, Cor. No 1.

A porphyry stone $6 \times 8 \times 34$ ins. set
one foot in ground, along side
built a mon. of stones around a
pine post. post 2×4 ins. 4 feet long,
mon. of stones 3×3 feet.

A + on a porphyry stone in place,
marked B.R. D. No 1-1421 bearing $N 11^{\circ} 15' E 42'$

A + on a porphyry rock in place,
marked B.R. V. No 4-1421 bearing $N 46^{\circ}$
 $55' 28.5$ feet, Corner stone marked
D No 1-1421, same stone marked V.
No 4-1421 for N.E. Corner Vulcan
Cove of this survey.

U.S. G.M. No 1365 U.D. bearing $S 34^{\circ} 23' E$
 2078.5 feet.

Thence $S 66^{\circ} 51' W$
Var $14^{\circ} E$.

750
1489.7

To south side mon. a mon. of stones & pine stake.
To Cor. No 2. Identical with Loc. cor.
which is also Cor. No 3, Vulcan Cove
of this survey.

A porphyry stone $6 \times 10 \times 24$ ins. set one
foot in ground, along side built a mon. of
stones 3×3 feet surrounding a pine post 2×4 ins.
4 feet long. Stone marked D No 2-1421,
same stone marked V. No 3-1421.

A + on porphyry rock in place, marked
B.R. D. No 2-1421 bearing $N 30^{\circ} 50' E 31.5$ feet.

A + on a porphyry in place, marked B.R.
V. No 3-1421 bearing $S 52^{\circ} 57' E 45.5$ feet.

Thence $N 24^{\circ} 35' W$
Var. $14^{\circ} E$

300

To west center end, A pine post 2×4 ins.
4 feet long set in mon. of stones.

600

To Cor. No 3. Identical with loc.

Survey No 1421

Feet. A porphyry stone $6 \times 12 \times 24$ ins. set one foot in ground. Along side set a pine post 2×4 ins. 4 feet long. surrounded by mon. of stones.
 Stone marked D No 3-1421.
 A + on a porphyry rock in place, marked B.R. D No 3-1421 brs. $N 54^\circ W$ 38.7 feet.
 A + on a porphyry rock in place, marked B.R. D No 3-1421 brs. $S 79^\circ 24' W$ 16.8 feet.

Thence $N 66^\circ 51' E$

Var. $14^\circ E$

739.7 To north side to mon. a mon. of stones and pine stake

1489.7 To Cen. No 4. Identical with loc.

A porphyry stone $10 \times 12 \times 24$ ins. set one foot in ground, along side set a pine post 2×4 ins. 4 feet long. surrounded by mon. of stones.

Stone marked D No 4-1421.

A + on a porphyry rock in place, marked B.R. D No 4-1421 brs. $S 58^\circ 40' W$ 13.7 feet.

A + on a porphyry rock in place, marked B.R. D. No 4-1421 brs. $N 67^\circ W$ 44 feet.

Thence $S 24^\circ 35' E$

Var. $14^\circ E$

300 To East center end, set a pine post 2×4 ins. 4 feet long, surrounded by a mon. of stones. Identical with loc.

600 To Cen. No 1. The place of beginning survey of exterior boundaries.

Survey No 1421.

Feet.

Vulcan Lode

Beginning at S.E. Corner of claim
Identical with location which is
also the North East Corner of the Olympic
Lode of this Survey. Cor. No 1.

A lime stone 10 x 12 x 24 ins. set one
foot in ground, along side set a
pine post 2 x 4 ins. 4 feet long in
a row of stones.

Stone marked V. No 1-1421, same
stone marked C. No 4-1421 - for
Cor No 4, Olympic lode of this survey.

A + on a porphyry rock in place,
marked B. R. V. No 1-1421 bearing S 25°
20' 4" 15.5 feet.

No other bearings available

U.S. L. M. V. D. No 1365 bearing S 38° 19' E 1490.8

Thence S 66° 51' W

Var. 14° E

750 To South side loc. now a row of
stones and pine stake.

1489.7 To Cor. No 2, identical with cor. of loc.
which is also Cor. No 3, Olympic lode of
this survey.

A red sand stone 8 x 10 x 34 ins. set one
foot in ground, along side set a
pine post 2 x 4 ins. 4 feet long in
row of stones. Stone marked V. No 2-
1421, same stone marked C. No 3-
1421.

A + on a lime rock in
place. Marked B. R. C. No 3-1421 bearing
N 87° 15' E 51.5 feet.

A + on a red sand stone reef,
marked B. R. V. No 2-1421 bearing
S 70° 35' E 59.3 feet.

Survey No 1421

Feet.

Thence $N 24^{\circ} 35' W$
 Var. $14^{\circ} E$

300 To west center end, set a pine post 2×4
 ins. 4 feet long in mon. of stones identical with loc.

600 To Cor. No 3, which is also Cor No 2.
 Descuss of this survey.
 Cor. described above.

Thence $N 66^{\circ} 51' E$
 Var. $14^{\circ} E$

739.7 To North side loc. mon. a mon. of stones & pine stake.

1489.7 To Cor. No 4, which is also Cor. No 1.
 Descuss of this survey.
 Cor. described above.

Thence $S 24^{\circ} 35' E$
 Var. $14^{\circ} E$

255 To Cor. No 3, Mountain View side of
 this survey.

300 To East center end, set a pine post $2 \times$
 4 ins. 4 feet long, surrounded by
 mon. of stones. Identical with loc.

600 To Cor. No 1, the place of beginning
 survey of exterior boundaries.

Olympic Lodge

Beginning at Cor. No 1. The S.E. Corner
 of claim, identical with loc.
 which is also Cor. No 4. Domingo side
 of this survey.

At line stone $8 \times 10 \times 24$ ins, set one
 foot in ground, along side. Set a
 pine post 2×4 ins. 4 feet long in
 mon. of stones.

Stone marked O. No 1-1421, same
 stone marked D. No 4-1421.

Survey No 1421

Feet.

A + on a porphyry rock in place,
marked B.R. O No 1-1421 bearing $S 39^{\circ} 35'$
 $W 9.2$ feet.

A + on a porphyry rock in place,
marked B.R. D. No 4-1421 bearing $S 29^{\circ}$
 $15' E 14$ feet.

U. S. L. M. No 1365 V. D. bearing $S 47^{\circ} E 928.4$

Thence $S 66^{\circ} 29' W$

Var. $14^{\circ} E$

750

To South side loc. now a mon. of stones + pine stakes

1490.5

To Cor. No 2, which is also Cor. No 3.

Turning back of this survey.

Identical with Cor. of the location

A line stone $3 \times 8 \times 2 \times$ ins. set one
foot in ground, along side set a
pine post 2×4 ins. 4 feet long in a
mon. of stones.

Stone marked O, No 2-1421.

Same stone marked D. No 3-1421.

A + on a lime rock in place, marked
B.R. O, No 2-1421 bearing $S 75^{\circ} 38' E 27$ feet

A + on a lime rock in place, marked
B.R. D. No 3-1421 bearing $N 65^{\circ} 35' E 37$ feet.

Thence $N 24^{\circ} 35' W$

Var. $14^{\circ} E$

300

To west center end. set a pine post
 2×4 ins. 4 feet long in mon. of stones. Identical with loc.

600

To Cor. No 3, which is also Cor. No 2.

Valve of this survey. Identical
with end of loc. Cor. described
above.

Thence $N 66 51 E$

Var. $14^{\circ} E$

739.7

To North side loc. now a mon. of stones + pine stakes

1489.7

To Cor. No 4, which is also Cor.

No 1, Valve of this survey,

Corner described above.

Survey No 1421

- Thence $S 24^{\circ} 35' E$
 Var. $14^{\circ} E$
- 300 To East center end, set a pine post
 2 x 4 ins. 4 feet long in mon. of stones
- 590 To Cor. No 1. the place of beginning
 survey of exterior boundaries.

Domingo Lodge

Beginning at Cor. No 1 - the S.E. Cor.
 of claim, which is also Cor. No 4.
 Mountain View side of this survey.
 Corner described above.
 U.S. L.M. No 1365 V.D. Trs. $S 73^{\circ} 16' E$
 471.4 feet.

- Thence $S 66^{\circ} 10' W$
 Var. $14^{\circ} E$
- 750 To South side loc. mon. a mon of stones
 and pine stake.
- 1490 To Cor. No 2., Identical with the cor.
 A line stone 6 x 10 x 30 ins. set one
 foot in ground. Along side set a
 pine post 2 x 4 ins. 4 feet long in mon.
 of stones. Stone marked D. No 2-1421.
 H+ on line rock in place, marked
 B.R. D. No 2-1421 Trs. $S 49^{\circ} 40' W$ 33.3 feet
 H+ on line stone in place, marked
 B.R. D. No 2-1421. Trs. $S 31^{\circ} 50' E$ 18.2 feet

- Thence $N 24^{\circ} 35' W$
 Var. $14^{\circ} E$
- 300 To west center end. set a pine post. 2 x 4
 inches, 4 feet long. set in mon. of stones. Identical with No. 1
- 555 To Cor. No 3. Identical with the Cor.
 which is also Cor. No 2, Olympia side of
 this survey.
 Corner described above.

Survey No 1421

Feet

Thence $N 66^{\circ} 29' E$ Var. $14^{\circ} E$

- 740.5 To North side loc. mon. of stones + pine stake.
 1490.5 To Cor. No 4. Identical with loc. mon. which is also Cor. No 1, Olympic side of this survey. Corner described above.

Thence $S 24^{\circ} 35' E$ Var. $14^{\circ} E$

- 247 To East center end, set a pine post 2×4 ins, 4 feet long. set in mon of stones, identical with loc.
 547 To corner No 1. The place of beginning survey of exterior boundaries.

Key West Locs

Beginning at Cor. No 1, the S.E. Cor. of claim. Identical with cor. of the location

A porphyry stone $4 \times 10 \times 24$ ins. set one foot in ground, along side built a mon. of stones 3 feet on base and 3 feet high. Stone marked K.W. No 1-1421.

A + on porphyry rock in place, marked B.B. K.W. No 1-1421 brs. $N 59^{\circ} 53' E$ 22.3 feet. A + on a porphyry rock in place, marked B.B. K.W. No 1-1421 brs. $N 28^{\circ} 42' W$ 6 feet, U.S.L.M. No 1365 V.D. loc. $N 5^{\circ} 3' E$ 194.8 feet

Thence $S 60^{\circ} 20' W$ Var $14^{\circ} E$

- 785.9 To Cor. No 2. Identical with South center side mon. Loc. Cor. brs. $S 66^{\circ} 10' W$ 750' a mon. of stones.

Survey No 1421

Feet.

A lime stone 3x12x30 ins. set one foot in ground, along side built a row of stones, 3 feet on base and 3 ft. high. Stone marked K.W. No 2-1421
No bearings available

Thence N 2° W

Dist. 14° E

245.8 To intersect line 1-2. Blowout hole Survey No 1362 at N 73° 32' E 277.3 feet

300. From Cor. No 2
600 To Cor. No 3. Identical with rock

side center row. Orig. loc. mon. brs. S. 60° 10' W. 400. 750 ft.

A lime stone 4x8x2x ins. set one foot in ground, along side built a row of stones, 3 feet on base and 3 feet high. Stone marked K.W. No 3-1421

A + on a lime rock in place, marked B.R. K.W. No 3-1421 brs. N 32° 30' E 47.2 feet

A + on a lime rock in place, marked B.R. K.W. No 3-1421, brs. N 33° 40' W 48.5 feet.

Thence N 66° 10' E

Dist 14° E

290 To Cor. No 1. Domingo & Cor. No 4 Mt View, of this survey.

750 To Cor. No 4. Identical with cor. of location, at intersection of west end line of Lost mine at S 2° E 145 ft. from Cor. No 4. Lost mine

A quartzite stone 4x10x2x ins. set one foot in ground, along side built a row of stones 3 feet on base & 3 feet high. Stone marked K.W. No 4-1421. A + on a porphyry rock in place, marked B.R. K.W. No 4-1421 brs. S 81° 55' E 33 feet.

A + on a porphyry rock in place, marked B.R. K.W. No 4-1421 brs. N 54° 20' W 22.5 feet

(111)
Survey No 1421

Feet.	Thence S 2° E Var. 14° E
215	To East center end loc. mon. a mon of stones 3x3 feet.
369	Along west end line of Lost Mine Survey No 1361 to Cor. No 1 Lost Mine
442.4	To intersect North-side line of Blowout Lode, Survey No 1362 at S 73° 32' W 349.1 feet from Cor. No 1 Blowout Lode.
514	To Cor. No 1, the place of beginning survey of exterior boundaries.

Area

Mountain View Lode	
Total Area	20,411 acres
Less conflict with Lost Mine Survey No 1361	
	<u>308 "</u>
Net area Mountain View Lode	20,103 acres.
Descanso Lode	20,517 acres.
Vulcan Lode	20,517 acres.
Olympia Lode	20,346 acres.
Dominigo Lode	18,842 acres.
Total Area Key West Lode	8,826 acres
Less area in conflict with Blowout Lode, Survey No 1362.	
	<u>2,480 acres</u>
Net area Key West Lode	<u>6,346 acres</u>
Total Net area Lode Claims	106,671 acres

Location

This claim is located on unsurveyed land approximately in T. 16 N. R. 1 E. S. 4 R. Mendocino in Verde Mining District, Yavapai Co., Ariz. and is bounded on the North by Back Bone and Juniper Lodes, unsurveyed, on the east by Juniper Lode & Deer Trail Lode, Survey No 1365, on the south by Lost Mine Survey No 1361 and Blowout Lode, Survey No 1362 and Black Warrior Lode unsurveyed & on the west by U.S. Land

Survey No 1421

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and its grantors, was, at the time of making the survey, less than five hundred dollars for each location comprising the entire claim, but if the rate of development, at the time of the survey, is continued, the improvements will not be less than five hundred dollars for each location before the expiration of the 60 days publication. The present improvements consist of:

Mountain View Lode

- No 1. Discovery Tunnel & Shaft which br.
from Cor. No 2. S 5° 12' W 440 feet.
Tunnel 8 x 6 feet, 30 feet long, Approach
15 x 18 feet, 10 foot face.
Shaft at end of Tunnel 4 x 6 feet, 45 feet
Value \$1475.00

This shaft is intended as the main working shaft for the entire group of mines. The machinery is ordered for a hoist which will be placed in this shaft.

- No 2. Tunnel, which br. from Cor. No 2.
S 13° 16' W 730 feet.
Approach 8 x 24 feet 15 foot face
Tunnel 4 x 6 feet, 13 feet long.
Value \$400.00

- No 3. Shaft. 4 x 6 feet, 12 feet deep
which br. from Cor. No 2. S 17° 29' W 760 feet.
Value \$120.00

Descanso Lode

- No 1. Discovery Shaft, 4 x 6 feet, 10 feet
deep. which br. from Cor. No 4. S 310 feet
Value \$100.00

Survey No 1421

Improvements

Vulcan Lode

No. 1. Discovery Tunnel, which bis.
from Cor. No 4, $S 6^{\circ} 25' N$ 250 feet.
Approach, 4×15 feet, 8 foot face.
Tunnel 4×6 feet, 7 feet long.
Value \$100.00

Olympia Lode

No. 1. Discovery Shaft, which bis. from
Cor. No 4 $S 4^{\circ} 37' N$ 320 feet.
Shaft 4×6 feet, 10 feet deep.
Value \$100.00

Domingo Lode

Dis Shaft No. 1, which bis. from Cor.
No 4. $S 33^{\circ} 41' N$ 500 feet.
Shaft 4×6 feet, 10 feet deep.
Value \$100.00

Key West Lode

Discovery Shaft No. 1, which bis. from
Cor. No 4. $S 42^{\circ} 39' N$ 515 feet.
Shaft 4×6 feet, 10 feet deep.
Value \$100.00

Veins

Mountain Vein Lode

Vein extends 400 feet in a north westerly
course and 1082 in a south easterly
course as nearly as can be determined by
present developments. from dis. Tunnel + shaft

Descanso Lode.

The presumed extent of vein is 150 feet
in a north easterly direction and
1339.7 feet in a south westerly direction.
from Discovery Shaft.

Survey No 1421

Veins

Vulcan Lode.

The presumed course and extent of vein is north easterly 150 feet from discovery Summit and 1339.7 feet in a south westerly course.

Olympic Lode.

The presumed course + extent of vein is from discovery shaft, north easterly 150 feet and south westerly 1339.7 feet

Domingo Lode

The presumed course + extent of vein is from discovery shaft, in a north easterly direction 450 feet and in a south westerly direction 1040 feet.

Key West Lode

The presumed course + extent of vein is from the discovery shaft, in a north easterly direction 400 feet and in a south westerly direction 350 feet.

Instrument

This survey was made with a Gurley Solar Transit, The courses were deflected from the true meridian as determined by solar and Polaris observations. The distances were measured with a 100 foot steel chain

Prescott Arizona
Nov. 28th 1899

J. J. Fisher
U.S. Dep. Min. Surveyor

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 Black Hills L. & P. Co. T^h
 known as the Mountain View, Key West, Deming, Olympia, Bureau & Deschamps
 and showing the respective capacities in which they acted.

- E. H. Draper , Chainman.
- Walter Tompkins , Chainman.
- Walter Tompkins , Axman.
- E. H. Draper , Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. H. Draper
 and Walter Tompkins do solemnly swear that we assisted J. J. Fisher
Fisher, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Black Hills L. & P. Co. T^h

..... known as the Mountain View.
Key West, Deming, Olympia, Bureau & Deschamps 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
Oregon

- E. H. Draper , Chainman.
- Walter Tompkins , Chainman.
- Walter Tompkins , Axman .
- E. H. Draper , Flagman.

Subscribed and sworn to by the above-named persons before me
 this 10th day of November, 18 99

My commission expires
 May 10, 1900.

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 October 23/1899, 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 Black Hills Copper Company Ltd., known as the Mountain View, Key West, Domingo, Olympic, Mulcau & Discuss., situate in Verde Mining District, Yavapai County, Arizona, in Section _____ Township No. _____ Range No. _____ and designated as Survey No. 1421, 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, Arizona this 28th day of November 1899.

Ziba O. Brown
Notary Public.

o 3-154



Survey No. 1421.

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 grantors, prior to the 6th, day of April 1900, including improvements already reported is not less than \$500.00 for each loc. in claim, and consists of:

Improvements already reported \$2495.00

Additional Improvements.

Mountain View Lode.

Dis. shaft No. 1, at end of tunnel No.1,
sunk from 4x6x45 ft. to 4x6x115 ft.

Value \$1400.00

There is to be credited to the Descanso, Vulcan and Olympia lodes of this survey \$400.00 each, of the improvements in shaft No. 1, Mountain View lode.

Shaft No. 3.

Sunk from 4x6x12 ft. to 4x6x75 ft.

Value \$1260.00

There is to be credited to the Domingo and Key West lodes of this survey \$400.00 each, of the improvements in shaft No. 3, Mountain View lode.

Total value of improvements \$5155.00

Prescott Ariz.

May 27th, 1904.



U.S. Dept. Min. Surveyor.

Affidavit of Five Hundred Dollars Improvements.

Territory of Arizona }
COUNTY OF Yavapai } ss.

Edward Beven
and Philip S Boyd

of lawful age, being duly sworn, according to law, depose and say, that each for himself, and not one for the other, that he is acquainted with the Mountain View, Descanso, Viciano, Olympia, Donnings and Key West Lode.

Mining Claims, in Viola Mining District,
County and Territory Yavapai aforesaid, for which
Black Lake Copper Co. Inc.

has made application for patent under the provisions of Chapter VI., of Title Thirty-two, Revised Statutes of the United States, and that the labor done, and improvements made thereon by the applicant and his grantors, exceed Five Hundred Dollars, in value, and said improvements consist of for each location in claims and that said labor and improvements were made prior to the 6th day of April 1905.

Edward Beven

Philip S Boyd

Subscribed and sworn to before me, this }
24 day of May 1904 } 189

My commission expires Jan 18 1906

H P Merrill, Notary Public
Jerome Arizona

(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 _____, 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 Black Hills Copper Co. Ltd., known as the Mountain View. Descans. Vulcan Olympia Domingo & Key West, situate in Yuma Mining District, Yavapai County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1421, 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 J. E. Faulkner, a Notary Public
in and for Yavapai County Arizona this 28th
day of May, 1904.
My Commission Expires November 28, 1906.

J. E. Faulkner

U. S. Mining Account, May 10, 1872.

**Affidavit of Five Hundred
Dollars Improvements.**

(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 _____, 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 Black Hills Copper Co. Ltd., known as the Mountain View, Descanso, Volcan, Olympia, Domingo & Key Wash, situate in Arizpe Mining District, Yavapai County, Arizona, in Section _____, Township No. _____, Range No. _____, and designated as Survey No. 1421, 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 J. E. Faulkner a Notary Public
in and for Yavapai County Arizona this 28th
day of May 1904.
My Commission Expires November 28, 1906.

J. E. Faulkner

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for Dist. of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, ^{or for each of} upon the mining claims of
Black Hills Copper Co. Ltd.
Mountain View, Descanso, Vulcan, Olympia, Domingo
known as the and Key West,
situate in Verde mining district,
Yavapai County, Arizona,
in Section , Township No. , Range No. ;
that said improvements consist of 6 shafts, 3 cuts and 3 tunnels,
total value---\$5155.00

, 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
J. J. Fisher, U. S. Deputy Mineral Surveyor, dated
May 27th, 1904., 18 , is hereto attached.


U. S. Surveyor General for Arizona

Office of U. S. Surveyor General,

Phoenix, Arizona,June 6, 1904., XX

NOTICE OF MINING LOCATION.
Quartz Claim.

24

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Vulcan 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 R. A. Thomas, Doan Merrill and T. H. Brown, the undersigned, on the 25th day of June 1899.

The length of this claim is fifteen hundred feet, and we claim one hundred & fifty feet, in a n Easterly direction and thirteen hundred & fifty 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 1/4 mile west in a Westerly direction from the United Verde Gr. Mines and joins the Olympia on south.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stake in mound of stone marked V. No. 2 at a point in a n Easterly direction one hundred & fifty feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence S. 24° 35' E. 300 feet to a stake being the South east corner of said claim; thence S. 65° 25' W. 750 feet to a stake at the center of the South side line of claim; thence Same course 750 feet to a stake being at the South West corner of said claim; thence N. 24° 35' W. 300 feet to a stake at the center of the West end of said claim; thence Same course 300 feet to a stake, being at the North West corner of said claim; thence N. 65° 25' E. 750 feet to a stake being at the center of the North side line of said claim; thence Same course 750 feet to a stake at the North east corner of said claim; thence S. 24° 35' E. 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 20th, 1895.

Dated and posted on the ground this 25th day of June 1899.

R. A. Thomas
Doan Merrill
T. H. Brown

Filed and recorded at request of Merrill Bros.
Sept. 1st A. D. 1899, at 9 O'Clock A. M. Book 52
of Mines Page 339, Records of Yavapai
County, Arizona.

Official Seal

W. F. Johnson
County Recorder.

E. C. Avery
Deputy Recorder.

NOTICE OF MINING LOCATION.
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Olympia 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 R. A. Thomas Doam Merrill and J. H. Brown. the undersigned, on the 25 day of June 1899.

The length of this claim is Fifteen Hundred feet, and we claim one Thousand & fifty feet, in an Easterly direction and thirteen hundred & fifty feet in a Westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Six 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 1/4 Mile in a Westerly direction from the United Verde Jr. Mine and along the Domingo on south.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stake in ground of stone marked Q#2 at a point in a N Easterly direction one Thousand & fifty feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence S. 24° 35' E. 300 feet to a stake, being the South east corner of said claim; thence S. 65° 25' W. 750 feet to a stake, being at the center of the South side line of claim; thence S. 65° 25' W. 750 feet to a stake being at the South West corner of said claim; thence N. 24° 35' W. 300 feet to a stake at the center of the west end of said claim; thence same course 300 feet to a stake, being at the North West corner of said claim; thence N. 65° 25' E. 750 feet to a stake being at the center of the North side line of said claim; thence same course 750 feet to a stake at the North east corner of said claim; thence S. 24° 35' E. 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 20th, 1895.

Dated and posted on the ground this 25th day of June 1899.

R. A. Thomas
Doam Merrill
J. H. Brown.

Filed and recorded at request of Merrill Bros.
Sept. 1st A. D. 1899, at 9 O'clock A. M. Book 52
of Mines Pages = 337 =, Records of Yavapai
County, Arizona.

{Official Seal}

W. J. Johnson,
County Recorder.

By E. C. Avery,
Deputy Recorder.

NOTICE OF MINING LOCATION.
Quartz Claim.

26

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Discanso 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 R. A. Thomas, Mrs. Debbie Merrill and Mrs. Amy Brown the undersigned, on the 25th day of June 1899.

The length of this claim is fifteen hundred feet, and we claim one hundred and fifty feet, in a Easterly direction and thirteen hundred and fifty 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 1/4 Mile in a Westerly direction from the United Verde Jr. Mines and joins the Vules on south

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stake in a mound of stone marked N. No. 2 at a point in an Easterly direction one hundred & fifty feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence S. 24° 35' E. 300 feet to a stake, being the South east corner of said claim; thence S. 65° 25' W. 750 feet to a stake, being at the center of the south side line of said claim; thence same course 750 feet to a stake being at the south West corner of said claim; thence N. 24° 35' W. 300 feet to a stake, at the center of the west end of said claim; thence same course 300 feet to a stake being at the North West corner of said claim; thence N. 65° 25' E. 750 feet to a stake, being at the center of the North side line of said claim; thence same course 750 feet to a stake at the North east corner of said claim; thence S. 24° 35' E. 300 feet to the place of beginning.

All done under the provision 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 25th day of June 1899.

R. A. Thomas
Mrs. Debbie Merrill
Mrs. Amy Brown.

Filed and recorded at request of Merrill Bros.
Sept. 1st A. D. 1899, at 9 O'Clock A. M. Book 52
of mines Page# 338 Records of Yavapai
County, Arizona.

Official Seal

W. J. Johnson,
County Recorder.
By E. C. Avery,
Deputy Recorder.

NOTICE OF MINING LOCATION.
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Domingo Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral mineral deposits, was entered upon and located for the purpose of exploration and purchase by R. A. Thomas Doam Merrill and W. H. Brown the undersigned, on the 25 day of June 1899.

The length of this claim is fifteen hundred feet, and we claim four hundred & fifty feet, in a N. Easterly direction and Eleven hundred & fifty 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 Verde Mining District, in Yavapai County, in the Territory of Arizona, about 1/2 mile in a N. Easterly Northerly direction from Blowout Springs 1/2 mile west of the Deceptor Mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stake in mound of stone marked D. N. 2 at a point in a N. Easterly direction Seven hundred & fifty feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence S. 24° 35' E. 300 feet to a stake, being the South East corner of said claim; thence S. 65° 25' W. 750 feet to a stake, being at the center of the South side line of said claim; thence same course 750 feet to a stake being at the South West corner of said claim; thence N. 24° 35' W. 300 feet to a stake, at the center of the west end of said claim; thence same course 300 feet to a stake being at the North West corner of said claim; thence N. 65° 25' E. 750 feet to a stake, being at the center of the North side line of said claim; thence same course 750 feet to a stake at the North East corner of said claim; thence S. 24° 35' E. 300 feet to the place of beginning.

All done under the provision 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 25th day of June 1899.

R. A. Thomas
Doam Merrill
W. H. Brown

Filed and recorded at request of Merrill Bros.
Sept. 1st A. D. 1899, at 9 O'Clock A. M. Book 52
of Mines Pages 341 Records of Yavapai
County, Arizona.

{Official Seal}

W. L. Johnson,
County Recorder.
By C. C. Avery,
Deputy Recorder.

NOTICE OF MINING LOCATION.
Quartz Claim.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Key West 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 Edward Beven the undersigned, on the 19th day of Sept. 1899.

The length of this claim is fifteen hundred feet, and I claim four hundred feet, in a Easterly direction and Seven 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 South East to the North West.

The claim is situated and located in the Verde Mining District, in Yavapai County, in the Territory of Arizona, about half a mile in a North Easterly direction from Blow Out Springs.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at Monument of Stone at a point in a Easterly direction four 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 Stone, being the North East corner of said claim; thence Seven hundred & fifty feet to a Monument of stone at ^{the} center of the North side line of claim; thence Seven hundred & fifty feet to a Monument of Stone being at the North West corner of said claim; thence three hundred feet to a Monument of stone at the center of the West end of said claim; thence three hundred feet to a monument of stone, being at the South West corner of said claim; thence Seven hundred & fifty feet to a monument of stone being at the center of the South side line of said claim; thence seven hundred & fifty feet to a monument of stone 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.

Dated and posted on the ground this 19th day of Sept 1899.

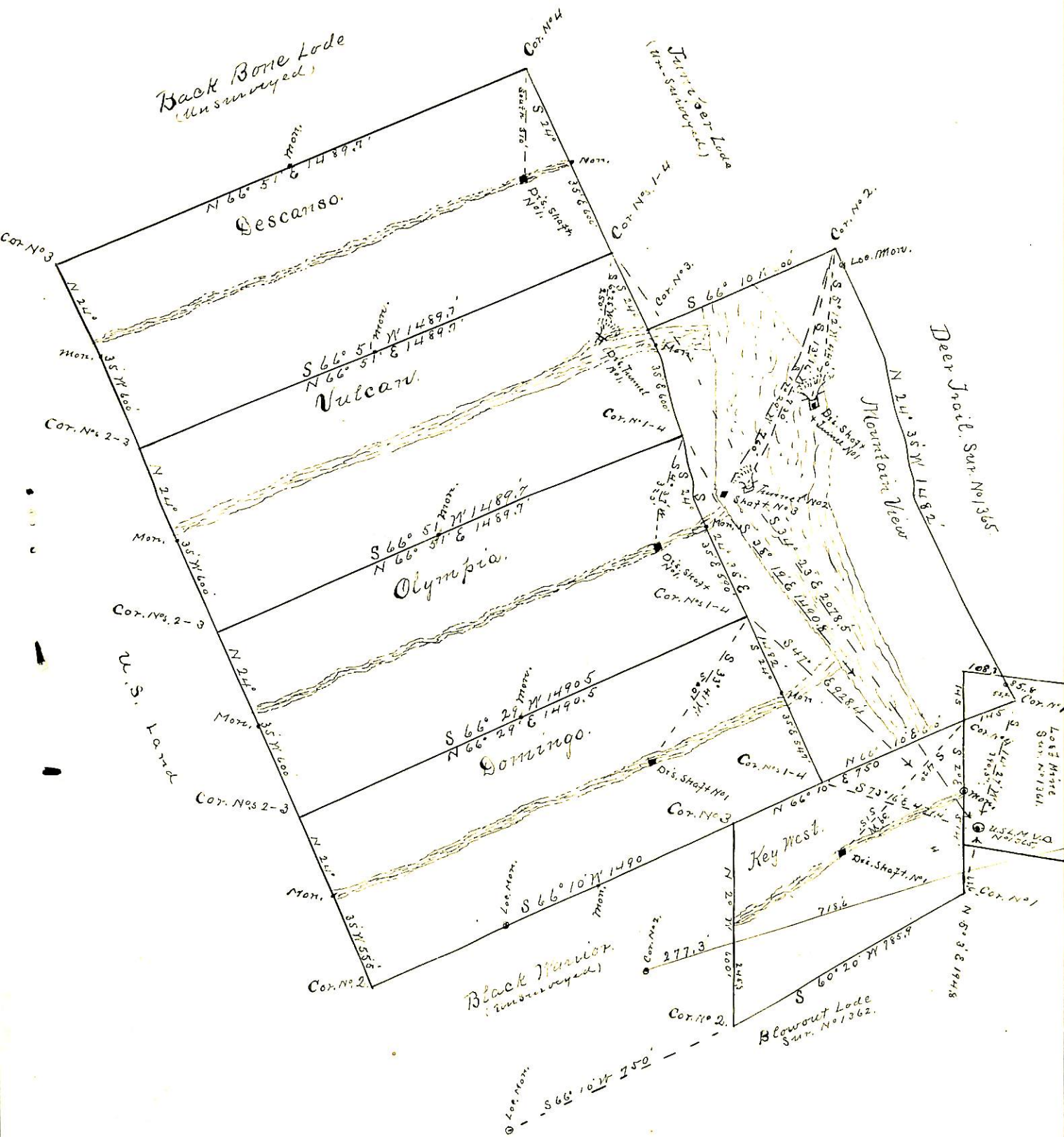
Edward Beven

Filed and recorded at request of Merrill Bros.
Oct. 16th A. D. 1899, at 9 O'Clock, A. M. Book 52
of Mines Page 452, Records of Yavapai
County, Arizona.

{ Official Seal }

W. J. Johnson
County Recorder.
By E. O. Alverys
Deputy Recorder.

Survey No 1421.
Prescott Land District.



Surveyed Nov. 8-10-1899
by J. J. Fisher
U.S. D.M. Surveyor.

(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.

Dec. 30, 1899

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 Black Hills Copper Co. Ltd.

Mountain View, Key West, Domingo, Olympia, Vulcan and Descanso, situate in Verde mining district,

Yavapai County, Arizona,

in Section, Township No., Range No.

designated as Survey No. 1421

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

Surveyor, November 8-10, 1899, under my instructions dated

October 23rd, 1899, 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.

George Christ

U. S. Surveyor General for Arizona