

JUN 7- 1924

MAY 9 1924

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4-683

MINERAL SURVEY No. 3931

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Central Copper Company of Arizona

KNOWN AS THE
South End, Sumpter, North End, Cedar Tree
Red Light, Blue Light & Protection

Los Cabizas and Lewis Mining Districts

Cochise County, Arizona

15, 16, 21, 22 ^{Under} Section 14.5, Township 14.5, Range 27E

Surveyed under instructions dated March 7, 1924

by John A. Rockfellow
U. S. Mineral Surveyor.

Claim located See Notices, 19

Survey commenced March 11, 1924

Survey completed April 12, 1924

Address of claimant's Atty. C. O. Anderson, Wilcox, Ariz.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3931

SOUTH END LODE

Beginning at Cor. No. 1 the S. W. Cor. of location, A stake in a mound of stone; Set a post 4 ins. square 4 ft. long, 8 ins. in the ground to bed rock, in a mound of stone, scribed S. W. C. - S.E. 1 - 3931.

Whence:

The corner of Sections 21-22-27-28, Tp. 14 S., R. 27 E. bears S. $1^{\circ} 55'$ E. 4544.8 ft.

X B R 1 - 3931 chiseled on porphyry bed rock exposing 18 X 16 ins. bears N. $51^{\circ} 14'$ E. 14.65 ft.

X B R 1 - 3931 chiseled on porphyry rock 36 X 24 X 2 ins. bears N. $46^{\circ} 20'$ W. 28.69 ft.

Feet

Thence N. $49^{\circ} 16'$ W. Va. $14^{\circ} 10'$ E.

300.0

W. Center End, identical ^{with} the location. A mound of stone, post down. Reset post 4 X 4 ins. $3\frac{1}{2}$ ft. long 6 ins. in the ground to bed rock, in a mound of stone, scribed W C E - S E 3931

548.5

To Cor. No. 2, identical with location, and with Cor. No. 1 Skylight lode Survey No. 2814. A post 4 ins sq. $3\frac{1}{2}$ ft. above ground in a mound of stone scribed S W C S 1 - 2814 Add N W C - S E 2 - 3931

Whence:

U. S. Location Monument No. 1542 bears N. $60^{\circ} 50'$ W 4445.2 ft.

Thence N. $53^{\circ} 42'$ E Var. $14^{\circ} 00'$ E.

1413.7

Cor. No. 4 Skylight lode, A post scribed S. E C S 4-2814 Intersect line 1-2 Smpter lode of this survey at N $49^{\circ} 16'$ W. 69.4 ft. from Cor. No. 1.

1440.8

To Cor. No. 3, identical with location, a stake in a mound of stone, Set a post 4 ins. sq., $3\frac{1}{2}$ ft. long, 6 ins. in ground to bed rock, in a mound of stone, scribed N E C - S E 3-3931.

Whence:

X B R 3 - 3931 chiseled on a diorite rock 48 X 20 X 10 ins. bears N. $43^{\circ} 20'$ E 7.05 ft.

X B T 3-3931 scribed on a blaze on an oak 6 ins.

diameter bears S. 69° 24' E. 18.37 ft.

Thence S. 49° 16' E. Var. 13° 50' E.
and line 2-3 Red Light

60.34 Intersect line 1-4 Sumpter lode of this Survey at N. 34° 14' E. 26.63 ft. from Cor. No. 1.- 2.

94.6 E. Center End, identical with location, a stake in a mound of stones.

Set a post 4 ins. sq., 3½ ft. long, 6 ins. in ground to bed rock, in a mound of stone, scribed E C E- S E 3931.

394.6 To Cor. No. 4, identical with location, a stake in a mound of stone. Set a post 4 ins sq., 4½ ft. long, 6 ins. in the ground to bed rock, in a mound of stone, scribed S E C - S E 4-3931.

Whence:

X B R 4-3931, chiseled on diorite rock 30 X 30 X 18 ins., bears S. 58° 15' E. 19.6 ft.

X B T 4- 3931, scribed on a blaze on an oak 9 ins diameter bears N. 47° 50' E. 26.17 ft. Cont. No. 2

Red Light lode of this Survey bears N. 53° 50' W 332.3 ft.

Thence S. 47° 37' W. Var. 13° 40' E.

1414.2 To Cor. No. 1, the place of beginning.

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SUMPTER LODE.

Beginning at Cor. No. 1, identical with location, a post 4 ins. sq. 3 ft. above ground, in a mound of stone, scribed S E C - S Add 1 - 3931.

Whence:

X B R 1 - 3931 chiseled on diorite 6 X 4 X 2½ feet bears N. 71° 32' W. 19.68 ft.

X B T 1 - 3931, scribed on a blaze on an oak tree 10 ins. diameter bears N. 75° 15' E 1.74 ft.

The Corner of Secs. 21-22-27-28, Tp. 14 S. R. 27 E, bears S 6° 15' 30" W. 5725.8 ft.

- Thence N. $49^{\circ} 16'$ W. Var. $13^{\circ} 55'$ E.
 To Cor. No. 4 Skylight lode Sur. No. 2814 and
 69.4 Intersect line 3-2 South End lode of this survey at
 S. $53^{\circ} 42'$ E 27.1 ft. from Cor. No. 3,
- 301.1 S. Center end, identical with location, a mound of stone,
 post gone.
 Set a post 4 ins. sq., $3\frac{1}{2}$ ft. long, 6 ins. in ground to
 bed rock, in a mound of stone, scribed S C E - S-3931.
- 432.5 Stone Monument, post gone,
- 598 Center of wash 4 ft. wide, in gulch course S. W.
- 603.0 To Cor. No. 2, identical with location and with Cor. No.
 5, Peak lode Survey, No. 2816. On line 3-4 Skylight lode,
 A mound of stone, post gone. Set a post 4 ins. sq., $3\frac{1}{2}$
 ft long, 4 ins. in ground to bedrock, in a mound of stone.
 Scribed S W C - S 2-3931. Also P 5.2816.
 Whence:
 U. S. Loc. Mon't. No. 1542 bears N. $78^{\circ} 00'$ W. 4719.4
 Ft.
 X B R 2- 3931 chiseled on a diorite face 36 X 24 ins.,
 bears S. $58^{\circ} 56'$ E. 29.57 ft.
 X B T 2-3931 scribed on a blaze on an oak 10 ins.
 diameter bears S. $63^{\circ} 15'$ W. 41.16 ft.
 Thence N. $34^{\circ} 12'$ E. Var. $14^{\circ} 10'$ E.
 Cor. No. 1
 564.1 S. E. Cor., ~~X~~ Cedar Tree lode of this survey and Cor. No. 4
 Peak lode Sur. No. 2816, a post in mound of stone scribed
 S E C - P 4-2816 and S E C - C T.
- 825.0 Summit Dos Cabezas Range bears North Westerly & South
 Easterly
- 1500.0 To Cor. No. 3, identical with location, and with Cor. No.
 2, North End lode of this survey, also Cor. No. 5 Cedar
 Tree lode of this survey.
 A post 4 ins. sq., $3\frac{1}{2}$ ft. above ground, in a mound of
 stone, scribed N W C S- Add 3-3931, also scribed S.W.C.
 N E and \sphericalangle Cor. C.T.
 Whence:
 X B R 3-3931 chiseled on diorite bed rock bears

S 67° 35' E. 5.35 ft.

X B R 3-3931 chiseled on diorite bed rock bears
S 59° 29' W. 8.47 ft.

Thence S. 49° 16' E. Var. 9° 15' E.

- 301.9 North Center End identical with location and with South Center end North End lode of this survey, a post 4 ins. sq., 2½ ft. above ground, in a mound of stone, scribed N.C.E. - S and S. C. E. - N. E. Add 3931
- 473.03 Intersect line 3-2 of Protection lode of this survey at S 1° 17' W. 97.87 ft. from Cor. No. 3.
- 603.8 To Cor. No. 4, identical with location and with Cor. No. 1 North End lode of this survey. A post 4 ins. sq. 3 ft. above ground in a mound of stone, scribed N E C S - S E C - N E Add 4-1-3931.
- Whence:
- X B R 4-1-3931 chiseled on diorite reef bears
S 77° 28' W. 15.07 ft.
- X B T 4-1-3931 scribed on a blaze on an oak 18 ins. diameter bears S. 56° 58' E. 13.50 ft.
- 157.5 Thence S. 34° 14' W. Var. 13° 15' E
To Cor. No. 3 Red Light lode of this survey.
- 185.65 Intersect line 2-3 Protection lode of this survey at S 1° 17' E 336.75 ft. from Cor. No. 3
- 690.0 Summit Dos Cabezas Range bears Northwesterly & Southeasterly
- 1473.37 Intersect line 3-4 South End lode of this Survey at S 49° 16' E. 60.34 ft from Cor. No. 3.
- 1500.0 To Cor. No. 1, the place of beginning.

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NORTH END LODE

Beginning at Cor. No. 1, identical with location, and with Cor. No. 4 Sumpter lode of this survey previously described.

Whence:

The 1/4 Section Corner between Secs. 22-27, Tp. 14 S.,

- R. 27 E., bears S. $10^{\circ} 05'$ E 6984.9 ft.
 Thence N $49^{\circ} 16'$ W. Va. $13^{\circ} 15'$ E.
- 130.77 Intersect line 3-2 of Protection lode of this survey at
 S $1^{\circ} 17'$ W. 97.87 ft from Cor. No. 3.
- 301.9 South Center End, identical with location and with N.
 Center End Sumpter lode of this survey, previously
 described
- 603.8 To Cor. No. 2, identical with location and with ^{Cor. No. 3 Sumpter lode and} Cor. No.
 5 Cedar Tree lode of this survey, previously described
 Add to scribing 2-3931
 Whence:
 U. S. Loc. Monument No. 1542 bears S. $87^{\circ} 17'$ W.
 5465.55 ft.
 Thence N. $24^{\circ} 11'$ E. Var. $9^{\circ} 15'$ E.
- 270 Center wash in gulch 6 ft. wide, course Easterly,
- 581.6 Post in mound of stone, N. E. Cor. ^{Cor. No. 4} Cedar Tree lode of
 this survey
- 1201.2 To Cor. No. 3, identical with location, a post 4 ins.
 sq., 3 ft. above ground, in a mound of stone, scribed
 N W C - N E Add 3-3931.
 Whence:
 X B R 3-3931 chiseled on diorite rock 36 X 18 X 24
 ins. bears S. $35^{\circ} 06'$ W. 10.65 ft.
 X B R 3-3931 chiseled on a diorite reef bears S.
 $47^{\circ} 04'$ E. 15.65 ft.
 Thence S. $88^{\circ} 22'$ E. Var. $13^{\circ} 20'$ E.
- 299.4 To Cor. No. 4, identical with location, A post 4 ins.
 sq., scribed N C E - N E, post base decayed. Set new
 post in its place 4 ins. sq., 4 ft. long, 8 ins. in
 ground to bed rock, in a mound of stone, scribed N C E -
 N E 4-3931,
 Whence:
 X B T 4-3931 scribed on a blaze on an oak 2 ins.
 diameter bears N. $5^{\circ} 56'$ E. 24.17 ft.

X B T 4-3931 scribed on an oak 8 ins. diameter bears S. $84^{\circ} 31'$ W. 21.08 ft.

Thence S. $49^{\circ} 16'$ E. Var. $13^{\circ} 35'$ E.

301.9 To Cor. No. 5, identical with location, a post 4 ins. sq., 3 ft. high, in a mound of stone, scribed N E C - N E Add 5-3931.

Whence:

X B R 5-3931, chiseled on diorite rock 16 X 12 X 6 ins. bears N. $61^{\circ} 12'$ W. 14.45 ft.

X B T 5-3931 scribed on a blaze on an oak 10 ins. diameter bears S. $17^{\circ} 14'$ E. 14.90 ft.

Thence^{S.} $23^{\circ} 39'$ W. Var. $13^{\circ} 35'$ E.

732.0 Center of wash in gulch, 10 ft. wide, course Easterly.

1205.81 Intersect line 3-4 Protection lode of this survey at S. $88^{\circ} 54\frac{1}{2}'$ E 175.69 ft from Cor. No. 3,

1402.1 To Cor. No. 1, the place of beginning.

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CEDAR TREE LODE.

Beginning at Cor. No. 1, identical with location and with Cor. No. 4, Peak lode ~~of this~~ ^{No. 2816.} survey, a post 4 ins. sq., 3 ft. high, scribed S E C - C T and S E C P 4-2816. Post badly decayed. In its place set new post 4 ins. sq., 4 ft. long, 9 ins. in ground to bed-rock, in a mound of stone, scribed S E C - C T 1-3931, and S E C - P 4-2816.

Whence:

X B R 1-3931 chiseled on porphyry reef bears N. $34^{\circ} 12'$ E. 20.00 ft.

X B R 1-3931 chiseled on porphyry 30 X 14 X 16 ins. bears N. $1^{\circ} 20'$ W. 1155 ft.

The corner of Secs. 21-22-27-28, Tp. 14 S., R. 27 E., bears S. $4^{\circ} 14'$ W. 6569.6 ft.

Thence N. $46^{\circ} 22'$ W. Va. $14^{\circ} 25'$ E.

- 76.2 N. Center End Peak lode, a cross (X) chiseled on rock and N C E. P
- 304.1 S. Center end, identical with location, a post 4 ins. sq., 3 ft., high, in a mound of stone, scribed S E C C T. Add. 3931.
- 385.2 Post in mound of stone, (On line 4-1 North Copper Ridge lode, Sur. No. 2816), scribed N E C-P 3.2816 for N. E. Cor. No. 3 Cor./Peak lode, *Sur. No. 2816.*
Whence:
Cor. No. 4 North Copper Ridge lode, Sur. No. 2816 bears N. $55^{\circ} 31'$ E. 98.6 ft.,
- 608.2 To Cor. No. 2, (Within the boundaries of North Copper Ridge lode/, identical with location, Sur.No.2816),
A post 4 ins. sq. 3 ft. high, in a mound of stone, scribed S.W.C.C.T. Add 2-3931,
Whence:
X B R 2-3931 chiseled on a diorite rock 20 X 8^{X 1}/ins. bears S. $85^{\circ} 28'$ E 11.8 ft.
X B R 2-3931 chiseled on a diorite reef face bears S. $37^{\circ} 47'$ E. 24.45 ft.
U. S. Loc. Monument No. 1542 bears N. $88^{\circ} 47' 30''$ W. 4494.15 ft,
Thence N. $34^{\circ} 15'$ E. Va. $14^{\circ} 15'$ E.
- 56.73 Intersect line 4-3 North Copper Ridge lode Sur. No. 2816 at N. $55^{\circ} 29'$ W. 255.79 ft. from Cor. No. 4,
- 575 Summit Dos Cabezas Range bears Northerly & Southerly,
- 935.3 Post in mound of stone scribed \angle C.T. As this is no longer an angle corner of Cedar Tree lode I destroy the triangle mark and add 3931.
- 1491.6 To Cor. No. 3, Set a post 4. ins. sq., 4 ft. long, 8 ins. in ground to bed rock, in a mound of stone, scribed NWC-CT 3-3931.
Whence:
Corner of location, a post in a mound of stone,

bears N. $46^{\circ} 22'$ W. 108.8

X B T 3-3931 scribed on a blaze on an oak 13 ins. diameter bears S. $38^{\circ} 05'$ W. 14.32 ft.

X B R 3-3931 chiseled on a rhyolite reef bears S. $21^{\circ} 01'$ E. 65.6 ft.

Thence S. $46^{\circ} 22'$ E. Var. $13^{\circ} 22'$ E.

195.4 Stone monument \swarrow North center end location

302.8 Set post for new N. Center End, post 4 ins. sq., 3.8 ft. long, 6 ins. in ground to bed rock, in a mound of stone, scribed N C E.-CT 3931.

504.4 To Cor. No. 4, identical with location, a post in a mound of stone. Reset post 4 ins. sq., 4 ft. long, 6 ins. in ground to bed rock, in mound of stone, scribed N E C-CT Add 4-3931.

Whence:

X B R 4-3931 chiseled on rhyolite face 36 X 16 ins. bears N. $41^{\circ} 16'$ W. 10.8 ft.

X B T 4-3931 scribed on a blaze on an oak 11 ins. diameter bears S. $74^{\circ} 19'$ E. 9.8 ft.

Thence S. $24^{\circ} 11'$ W Var. $13^{\circ} 20'$ E

311.6 Center of wash in gulch 6 ft. wide, course Easterly.

581.6 To Cor. No. 5, identical with location and with Cor. No. 2 North End lode and Cor. No. 3 Sumpter lode, ^{this survey} previously described. Add to scribing 5-3931.

Thence S $34^{\circ} 12'$ W. Var. $9^{\circ} 15'$ E.

675.0 Summit Dos Cabezas Range, bears N. Westerly & S. Easterly.

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

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RED LIGHT LODE

Beginning at Cor. No. 1, identical with location, set a post a stake, 4 ins. sq, $3\frac{1}{2}$ ft. long, 6 ins. in ground to bedrock, in a mound of stone, scribed S E C-R L 1-3931

Whence:

The corner of Sections 21-22-27-28, Tp. 14 S.,

- R. 27 E. bears S. $11^{\circ} 48' 30''$ W. 5448.4 ft,
 X B R 1-3931 chiseled on diorite rock 70 X 24 X 1
 inches bears N. $8^{\circ} 45'$ E. 9.1 ft.
 X B T 1-3931 scribed on a blaze on an oak tree
 14 ins. diameter bears S. $68^{\circ} 55'$ W. 18.75 ft,
 Thence N. $53^{\circ} 50'$ W Var. $13^{\circ} 30'$ E.
- 240.8 Monument of stones
- 275.3 Cor. No. 4 South End Lode of this survey, ~~previously~~
~~described,~~
 Whence,
~~Cor. 3, South End lode bears N. $49^{\circ} 16'$ W. 394.6 ft.~~
- 302.6 S. Center End identical with location, a stake,
 Set^a post 4 ins. sq., $3\frac{1}{2}$ ft. long 4 ins. in ground to bed
 rock, in a mound of stone, scribed S C E - R L 3931
- 607.6 To Cor. No. 2, identical with location and with Cor. No.
 1 Sumpter lode of this survey previously described. Add
 S W C- R L 2-3931.
 Whence:
 U. S. Location Monument No. 1542 bears N. $74^{\circ} 50'$ W.
 5256.2 ft.
 Thence N. $34^{\circ} 14'$ E. Var. $13^{\circ} 55'$ E.
- 26.63 Intersect line 3-4 South End lode, this survey, at N. $49^{\circ} 16'$ W. 334.26
 810.0 Summit Dos Cabezas Range bears N. Westerly & S. Easterly. from Cor. No. 4
- 1314.35 Intersect line 2-3 Protection lode of this survey at
 N. $1^{\circ} 17'$ E. 260.95 ft. from Cor. No. 2.
- 1342.5 To Cor. No. 3. Set a post 4 ins. sq., $3\frac{1}{2}$ ft. long, 4 ins.
 in ground to bed rock, in a mound of stone, scribed NWC-
 RL 3-3931.
 Whence:
 Cor. of loc. a post in a mound of stone bears N.
 $46^{\circ} 40'$ W. 21.0 ft.,
 X B R 3-3931 chiseled on rhyolite rock 30 X 24 X
 4 ins., bears N. $66^{\circ} 26'$ E 8.2 ft.,
 X B T 3-3931, scribed on a blaze on an oak 8 ins.
 diameter bears S. $59^{\circ} 05'$ E. 17.3 ft
 Thence S. $53^{\circ} 50'$ E. Var. $14^{\circ} 25'$ E.

~~420~~ N. Center End. Set a post 4 ins. sq., $3\frac{1}{2}$ ft. long, 6 ins. in ground to bed rock, in a mound of stone, scribed N C E - R L 3931,

Whence:

N.C.E. of location a monument of stone bears S. $53^{\circ} 50'$ E. 6.7 ft.

64.3 To Cor. No. 4, identical with location, a post 4 ins. sq., 3 ft. high, in a mound of stone, scribed N E C-RL Add 4-3931,

Whence:-

X B R 4-3931, chiseled on rhyolite bluff 18 ft. high, bears S. $1^{\circ} 50'$ W. 11.75 ft.

X B T 4-3931, scribed on a blaze on an oak 10 ins. diameter bears N. $66^{\circ} 52'$ W 12.3 ft.

Thence S. $10^{\circ} 31'$ W Var. $14^{\circ} 25'$ E.,

250.97 Intersect line 2-1 Protection lode of this survey at S. $88^{\circ} 51'$ E. 27.79 ft. from Cor. No. 2,

545 Summit Dos Cabezas Range bears N. Westerly & S. Easterly

~~1246~~.15 To Cor. No. 5, identical with location, a stake in a mound of stone. Set a post 4 ins. sq., $3\frac{1}{2}$ ft. long, 6 ins. in ground to bed rock, in a mound of stones, scribed

∠ Cor R L 5-3931

Whence:

X B R 5-3931, chiseled on diorite face 4 X 4 ft. bears N. $2^{\circ} 05'$ W. 4.25 ft.

X B T 5.3931 scribed on a blaze on a juniper tree 18 ins. diameter bears N. $89^{\circ} 02'$ E. 10.25 ft.

Thence S. $23^{\circ} 30'$ W. Var. $13^{\circ} 45'$ E.

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

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BLUE LIGHT LODE

Beginning at Cor. No. 1, identical with location, a post 4 ins. sq., 4 ft. high in a mound of stone, scribed SEC-BL Add 1-3931.

Whence:

The 1/4 Section Corner between Sections 22-27, Tp.,
14 S., R. 27 E., bears S. $10^{\circ} 20'$ E. 5247.1 ft,

X B R 1-3931 chiseled on a diorite face bears N.
 $85^{\circ} 30'$ W. 5.75 ft.,

X B R 1-3931, chiseled on diorite bed rock bears
S. $85^{\circ} 30'$ E. 1.85 ft.

Thence N. $81^{\circ} 57'$ W. Var. $8^{\circ} 20'$ E.,

298.3 S. Center End, identical with location, a cross (x)
chiseled on diorite reef and the letters S C E - B L.
Add 3931.

597.2 To Cor. No. 2, identical with location, a post in a mound
of stone, scribed SWC-BL. Post decayed and down.
Set new post 4 ins. sq., $3\frac{1}{2}$ ft. long, 6 ins. in ground
to bed rock, in mound of stone,
scribed SWC-BL 2-3931

Whence:

U. S. Location Monument No. 1542 bears N. $72^{\circ} 31'$
W. 5880.3 ft.

Cor. No. 1 Red Light lode of this survey bears N. 53°
 $50'$ W. 55.8 ft.

X B R 2-3931 chiseled on a diorite rock 36 X 30 X
12 ins. bears N. $39^{\circ} 07'$ E. 11.95 ft.

X B T 2-3931 chiseled on an oak 14 ins. diameter
bears N. $69^{\circ} 24'$ E. 15.67 ft.

Thence N. $10^{\circ} 31'$ E. Var. $13^{\circ} 40'$ E.

242.3 Cor. No. 5 Red Light lode of this survey previously
described.

943.45 Summit Dos Cabezas Range, bears N. Westerly & S. Easterly

1237.48 Intersect line 2-1 Protection lode of this survey at
S. $88^{\circ} 51'$ E. 27.79 ft. from Cor. No. 1,

1488.45 Cor. No. 4, Red Light lode of this survey previously
described,

1495.5 To Cor No. 3, Set a post 4 ins. sq., 4 ft. long, 8 ins.
in ground to bed rock, in a mound of stone, scribed

N W C - B L 3-3931

Whence:

Cor. of location, a mound of stone (post gone), bears N. $81^{\circ} 57'$ W. 55.2 ft. $\sqrt{\hspace{1cm}}$ Cor. No. 4, Red Light lode of this survey, previously described with bearings, bears S. $10^{\circ} 31'$ W. 7.05 ft.

Thence S. $81^{\circ} 57'$ E. Var. $14^{\circ} 25'$ E.

250.7 N. Center end, set a post 4 ins. sq., 4 ft. long, 8 ins. in ground to bed rock in a mound of stone, scribed NCE - BL 3931

Whence:

N. Center end of location, a post in a mound of stone, scribed NCE - BL, bears N. $81^{\circ} 57'$ W. 6.8 ft.

550.7 To Cor. No. 4, identical with location, a cross (x) chiseled on rhyolite rock 30 X 24 X 14 ins., add BL 4-3931

Whence:

Post 4 ins. sq., 4 ft. high, scribed NEC - BL WC bears west 4 ft.

Thence S. $8^{\circ} 44'$ W. Var. $16^{\circ} 12'$ E.

190.11 Intersect line 2-1, Protection lode of this survey, at S. $88^{\circ} 51'$ E. 591.40 ft. from Cor. No. 2.

615 Summit Dos Cabezas Range bears N. Westerly and S. Easterly

1494.2 To Cor. No. 1, the place of beginning.

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PROTECTION LODGE.

Beginning at Cor. No. 1 set a post 4 ins. sq, $3\frac{1}{2}$ ft. long, 6 ins. in ground to bed rock, in a mound of stone, scribed SEC - P 1-3931

Whence:

Cor. of loc., a post in a mound of stone scribed SEC - P bears S. $88^{\circ} 51'$ E. 2.5 ft.

The $1/4$ cor. between Secs. 22-27, Tp. 14 S. R. 27 E. bears S. $1^{\circ} 29'$ W. 6434.7 ft.

X BR 1-3931 chiseled on a rhyolite rock 36 X 36

X 36 ins. bears N. $37^{\circ} 55'$ W 8.25 ft. X-B

X B R 1-3931 chiseled on a rhyolite rock triangular 36 X 24 X 10 ins. bears S $46^{\circ} 41'$ W 15.55 ft.

Thence N. $88^{\circ} 51'$ W. Var. $13^{\circ} 40'$ E.

- 196.3 Post, in mound of stone scribed N. C. E. T, it being the N. Center End of Tombstone lode unsurveyed,
- 313.0 Post in mound of stone, scribed N. W. C.- T and N. E. C. W L, it being the N. W. Cor. of Tombstone and N. E. Cor of White Light lodes unsurveyed.
- 616.0 Post, in mound of stone scribed N. C. E. - W. L.
- 908.60 Intersect line 4 - 1 Blue Light lode of this survey at S. $8^{\circ} 44'$ W. 190.11 ft. from Cor. No. 4.
- 915.2 Monument of stone, post (unmarked) down,
~~at 2-3~~ ~~at Blue Light~~
- 1472.21 Intersect lines 4-5, Red Light, lodes of this survey at S. $10^{\circ} 31'$ W 250.97, ft. from Cors No. 4²3 respectively.
~~at 258.02 ft.~~
- 1500.0 To Cor. No. 2, identical with location, a post 4 ins. sq. 3 ft. high in a mound of stones, scribed S. W. C. -P add 2-3931.
- X B R 2-3931 chiseled on a rhyolite face 24 X 24 ins. bears N $58^{\circ} 23'$ W. 17.86 ft.
- X B R 2-3931 chiseled on a rhyolite face 30 X 30 ins. bears S. $77^{\circ} 57'$ E, 11.2 ft.
- Thence N. $1^{\circ} 17'$ E. Var. $13^{\circ} 50'$ E.
- 260.95 Intersect line 3-2 Red Light lode of this survey at S. $34^{\circ} 14'$ W 28.15 ft. from Cor. No. 3; also line 4-1 this survey Sumpter lode/at S. $34^{\circ} 14'$ W. 185.65 ft. from Cor. No. 4
- 298.7 W. Center end, identical with location, a mound of stone, post gone. Set a post 4 ins. sq. $3\frac{1}{2}$ ft. long 6 ins. in ground to bed rock, in a mound of stone, scribed W. C. E-P 3931.
- 499.88 Intersect line 4-3- Sumpter lode of this survey, also line 1-2 North End lode of this survey at N. $49^{\circ} 16'$ W 130.77 ft. from Cor. Nos. 4 and 1, respectively.
- 597.7 To Cor. No. 3, identical with location, a post 4 ins. sq. 3 ft. high, in a mound of stone, scribed N. W. C -P , add 3-3931.

Whence:

X. B. R. 3-3931 chiseled on rhyolite bluff at foot bears S. 41° 14' W. 5.45 ft.

X. B. R. 3-3931 chiseled on rhyolite face 24 X 20 ins. bears N. 13° 22' W. 10.43 ft.

U. S. ^{Location} Monument No. 1542 bears S. 89° 32' W. 5820.2 ft.

Thence S. 88° 54' E. Var. 13° 25' E.

380.0 Center Wash in Gulch 8 ft. wide, course northerly
 971.0 Center old shaft caved, now 3 ft. deep.
 175.69 Int. line 5-1 North End lode, this survey, at N. 23° 39' E 196.29 ft from Cor. No:1
 1500 To Cor. No. 4, Set post 4 ins. sq. 4 ft. long, 6 ins. in

ground to bed rock, in a mound of stone, scribed N E C
 P 4-3931.

Whence:

Cor. of location, a post scribed N. E. C. - P bears S. 88° 54' E 3.8 ft.

X B R 4-3931 chiseled on a rhyolite rock 36 X 30 ins. level with surface bears N. 88° 46' W. 2.7 ft.

X B R 4-3931 chiseled on a rhyolite reef bears S. 75° 02' W 9.25 ft.

Thence S 1° 17' W. Var. *13° 40' E*

299.0 E. Center End, set a post 4 ins. sq. 4 ft. long 6 ins. in ground to bed rock, in a mound of stone, scribed E C E - P 3931

Whence:

Cor. of location a post scribed E C E - P bears S 88° 54' E. 2.4 ft.

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

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AREA

South End lode,	15.199 Acres
Area in conflict with;	
Sumpter lode, this survey,	0.039
Red Light lode, this survey,	0.101
Sumpter lode,	20.644
North End lode,	17.745
Cedar Tree lode,	19.881
Area in conflict with;	
North Copper Ridge lode,	
Sur. No. 2816,	0.414

Red Light lode,	11.068
Blue Light lode,	19.686
Protection lode,	20.604
Area in conflict with;	
Sumpter lode, this survey,	0.277
North End lode, this survey,	0.479
Red Light lode, this survey,	0.304
Blue Light lode, this survey,	2.849

LOCATION.

This claim is located in the unsurveyed portion in what will probably be, when surveyed, secs. 15, 16, 21 & 22, of Tp. 14 S. R. 27 E., G. & S. R. M., / Dos Cabezas and Tevis Mining Districts, Cochise County, Arizona.

LODE LINES.

The presumed courses of the several lodes or veins are as follows, from the respective discoveries:

On the South End lode N. $47^{\circ} 37'$ E. 691.5 ft. and S. $47^{\circ} 37'$ W. 722.7 ft.

On the Sumpter lode N. $34^{\circ} 12'$ E. 715 ft. and S. $34^{\circ} 12'$ W. 785 ft.

On the North End lode N. $23^{\circ} 39'$ E. 1184.1 ft. and S. $23^{\circ} 39'$ W. 218.0 ft.

On the Cedar Tree lode N. $34^{\circ} 12'$ E. 1138.8 ft. and S. $34^{\circ} 12'$ W. 353.0 ft.

On the Red Light lode N. $23^{\circ} 14'$ E. 425.5 ft. and S. $23^{\circ} 14'$ W. 951.2 ft.

On the Blue Light lode N. $8^{\circ} 40'$ E. 926.2 ft. and S. $8^{\circ} 40'$ W. 568.0 ft.

On the Protection lode N. $88^{\circ} 54'$ W. 1421.5 ft. and S. $88^{\circ} 54'$ E. 78.5 ft.

ADJOINING CLAIMS.

On the North
Rock House No. 1 lode, unsurveyed, Hanna & Land,
Claimants.

On the East:

White Light, Tombstone, Gray Eagle, El Paso lodes, all unsurveyed and claimed by the Central Copper Co., of Arizona.

On the South:

North Artic lode, unsurveyed, Skylight lode, Survey No. 2814, Peak and North Copper Ridge lodes, Sur. No. 2816; Central Copper Co., of Arizona, Claimants.

ON The West:

White Oak lode, unsurveyed, claimants unknown.

Expenditure of \$500.

I certify that the value of the labor and improvements made upon or for the benefit of each of the local claim tions in said mining/by the claimant or its grantors is not less than five hundred dollars and said improvements consist of:

On the South End lode:

No. 1. Discovery Cut, a point in the center of which is a point on lode line S. $47^{\circ} 37'$ W. 691.5 ft. from E. center end. From said center point cut extends Southerly 29 ft. to mouth and northerly 7.5 ft. to face 12 ft. high once deeper. Cut 12 ft. wide.

Value \$300

No. 2. A tunnel known as the Number One Tunnel begun on the property of this claimant, on the Queen lode formerly known as the Camp Bird lode survey No. 2354, which extends N. $63^{\circ} 54'$ E. 1695.6 ft. to a Station whence it turns N. $30^{\circ} 30'$ W. and S. $30^{\circ} 30'$ E. The latter branch passes under the South End lode at a great depth. This tunnel was surveyed by me in 1911 in connection with Survey No. 2816. It has since been extended to the northerly and southerly. At time of present survey the air was reported bad in southerly branch. Hence I attach affidavit of Engineer Frederick W. Sherman, showing the extent of southerly branch. Tunnel 7 X 8

feet. Length within the boundaries of South End lode approximately 450 ft.

Value at \$16 per foot \$7200

Total Improvements \$7500

On The Sumpter lode.

No. 1. Discovery shaft the center of which is on lode line at N. $34^{\circ} 12'$ E. 785 ft. from S. Center End. Shaft 6 X 4 ft. 8 ft. deep.

Value \$60

No. 2. A cut and tunnel known as the Sumpter tunnel. From a station on dump in car track Cor. No. 2 bears N. $57^{\circ} 06'$ W. 139.3 ft. From this Surface Station line of tunnel N. $37^{\circ} 09'$ E. 34.6 ft. to portal and 92.4 ft. to first angle turn Station No. 1; thence N. $37^{\circ} 32'$ E. 43.9 ft to Sta. 2, thence N. $8^{\circ} 13'$ E 28.8 ft. to Sta. 3, thence N. $12^{\circ} 06'$ W. 39.9 ft. to Sta. 4, thence N. $25^{\circ} 00'$ E. 11.6 ft to ^{irregular} face. At a point in from portal 47.4 ft. a branch tunnel N. 75° E. 16 ft. From Sta. 2 a double branch S. $47^{\circ} 21'$ E. 19 ft. and East 10 ft. Total main tunnel 180 ft. and 39 ft. branch tunnels (measured from near wall of main tunnel).

Average cross section $6\frac{1}{2}$ X $4\frac{1}{2}$ ft. From mouth of tunnel the surface rises very abruptly northeastward. This tunnel is intended to develop both the Sumpter and Cedar Tree lodes. Hence I assign one half main line to Cedar Tree lode of this survey. Credit Sumpter lode one-half 180 ft. = 90 ft., plus 39 ft. easterly branches = 129 ft.

Value of cut \$100

Value of 129 ft. of tunnel @ \$12 per ft. \$1548

Total \$ 1648

From points on Lode Line measured N. $34^{\circ} 12'$ E. from S. Center End.

No. 3. At 414 ft. face of cut 10 ft. high extending easterly 31 ft. and westerly 17 ft. approximately

92.4
43.9
28.8
39.9
11.6
216.6
34.6 off
182.0
2.0 off
180
16
19
10
40 branch
6 off
39

8 ft. wide . At point westerly 5 ft. a tunnel extends N. 34° E. $8\frac{1}{2}$ ft. Cross section 7 X $4\frac{1}{2}$ ft.

Value of Cut	\$300
Value of tunnel at \$10 per ft.	<u>\$ 85</u>
Total	\$385

No. 4. From point at 411.3 ft., the east side of mouth of a cut and tunnel bears S. $43^{\circ} 10'$ W. 88 ft. Cut 5 ft. wide, northeasterly 17 ft. to 10 ft. face, thence tunnel 6 X 4 ft. 12 ft. to face.

Value of cut	\$100
Value of 12 ft. tunnel at \$10	<u>\$120</u>
Total	\$220

No. 5. From point at 779.4 ft. (at divide), the mouth of cut and tunnel bears N. $78^{\circ} 09'$ E. 158 ft. Cut 5 ft. wide southwesterly 21 ft., thence tunnel $6\frac{1}{2}$ X $4\frac{1}{2}$ ft. 14 ft.

Value of cut	\$100
Value of tunnel @ \$10 per ft.	<u>\$ 140</u>
Total	\$240

No. 6. Line 4-1 at S. $34^{\circ} 14'$ W. 590 ft. intersects northerly mouth of a large open stope extending general direction N. 70° W. 11 ft. and S. 70° E. 54 ft., this latter portion on Red Light lode. Cut from 10 to 23 ft. wide with face 12 ft. to zero.

Value of work \$500. Of this assign to Sumpter lode one-fifth, the other $\frac{4}{5}$'s being assigned to the Red Light lode. \$100

On The North End lode.

No. 1. Discovery Cut, the face of which on lode line N. $23^{\circ} 39'$ E. 218 ft. from S. Center End, mouth N. Easterly 15 ft. Cut 5 ft. wide, 10 ft. face.

Value	\$100
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From a point on line 2-3 at N. $24^{\circ} 11'$ E. 581.6 ft. from Cor. No. 2.

No. 2. A cut and tunnel the mouth of which bears S. $33^{\circ} 06'$ E 450.6 ft. Cut 4 ft. wide S. westerly 16 ft.

to face 10 ft; thence tunnel 6 X 4 ft. Tunnel at time of survey blocked at entrance with snow and partly filled with water, could not be measured, but approximately 50 feet long.

Value at \$10 per ft.	\$500
Value of cut	<u>\$100</u>
Total	\$600

No. 3. A cut and tunnel the mouth of which bears S. $41^{\circ} 30'$ E. 500.2 ft. Cut southerly 8 to 5 ft. wide 11 ft. to face of 10 ft., thence tunnel 6 X 4 ft. 14 ft.

Value of cut	\$100
Value of tunnel at \$10 per ft.	<u>\$140</u>
Total	\$240

On The Cedar Tree lode.

No. 1. Discovery cut, the mouth of which ^{is} on lode line N. $34^{\circ} 12'$ E. 353 ft. from S. Center End. Cut southerly 15 ft. 5 ft. wide, partly caved.

Value	\$50
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From point on line 2-3 at N. $34^{\circ} 15'$ E. 575.2 ft. from Cor. No. 2.

No. 2. A shaft the center of which bears S. $9^{\circ} 42'$ E. 376 ft. Shaft 6 X 4 ft. 8 ft. deep.

Value	\$60
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No. 3. A cut and tunnel the mouth of which bears S. $51^{\circ} 22'$ E. 480 ft. Cut 5 ft. wide southerly 14 ft. to a face 11 ft.; thence tunnel 5 X 4 ft. 7 ft.

Value of cut	\$100
Value of tunnel @ \$8 per foot	<u>\$ 56</u>
Total	\$156

No. 4. A cut and tunnel the mouth of which bears S. $34^{\circ} 50'$ E. 254 ft. Cut 6 ft. wide S. Westerly 19 ft. to a 11 ft. face; thence tunnel $6\frac{1}{2}$ X $4\frac{1}{2}$ X 14 ft.

Value of cut	\$130
Value of tunnel @ \$10 per ft.	<u>\$140</u>
Total	\$270

No. 5. Work in Sumpter tunnel as described in Improvement No. 2, Sumpter lode, 90 ft. of tunnel at \$12.00 per ft.

Value \$1080

On the Red Light lode.

No. 1. Discovery cut and tunnel, the eastern edge of mouth of which bears N. 66° 46' W. ^{12 ft.} from a point on lode line at S. 23° 14' W. 398 ft. from N. Center End, Cut 4 ft. wide S. 0° 21' E. 19 ft. to face of 10 ft., thence tunnel 6 X 4 ft. 11 ft., intersecting the lode line at 425.5 ft. from the N.C. End.

Value of cut \$100

Value of tunnel @ \$10 per ft. \$110

Total \$210

No. 2. A cut or open stope intersected by line 2-3 at N. 34° 14' E. 910 ft. from Cor. No. 2, described as Improvement No. 6 Sumpter lode

Value of portion ^{on &} assigned to this lode \$400

No. 3. From S. Center End, a cut, the mouth of which bears N. 8° 30' E. 204.5 ft. Cut 5 ft. wide Northeasterly 40 feet to a 16 ft. face

Value of cut \$250

From a point on line 4-5 at S. 10° 31' W. 538.15 ft. from Cor. No. 4.

No. 4. The center of a shaft bears N. 63° 35' W. 86 ft. Shaft badly caved, now 8 X 6 ft. 5 ft. deep

Value \$20

No. 5. The center of a shaft bears N. 63° 35' W. 92.0 ft. Shaft badly caved, now 7 X 5 ft. 4 ft. deep.

Value \$20

On the Blue Light lode.

No. 1. Discovery cut and tunnel, the mouth of which is on lode line at N. 8° 40' E. 568 ft. from

S. Center End Cut 5 ft. wide N. Easterly 17 ft. to face, 11 ft; thence tunnel $6\frac{1}{2}$ X $4\frac{1}{2}$ ft. 12 ft. face

Value of cut \$100

Value of tunnel at \$10 per ft. \$120

Total \$220

No. 2. From a point on line 2-3 at N. $10^{\circ}31'$ E. 456.1 ft, from Cor. No. 2,
No. 2. A shaft, the center of which bears N. 76°

22' E. 328 ft. Shaft 6 X 5 ft. 10 ft. deep; thence
incline 6 ft.

Value 16 ft. of shaft @ \$10 per ft. \$160

No. 3. A wide cut and tunnel, the mouth of which bears N. $82^{\circ}48'$ E. 376 ft. From point cut extends easterly 59 ft. and westerly 22 ft. ^{irregular} width/5 to 19 ft. face 5 to 12 ft. Portal of tunnel N. 40° E. 19 ft.; thence
N Ely,
tunnel/34 ft. cross section $6\frac{1}{2}$ X $4\frac{1}{2}$ ft.

Value of cut \$300

Value of tunnel at \$10 per ft. \$340

Total \$640

No. 4. A cut and tunnel, the mouth of which bears East, 326.4 ft. Cut 6 ft. wide, Northeasterly 21 ft. to 11 ft. face; thence tunnel $6\frac{1}{2}$ X 5 ft. 36 ft. to face.

Value of cut \$125

Value of tunnel at \$10 per ft. \$360

Total \$485

No. 5. A cut, the mouth of which bears S. $70^{\circ}20'$ E., 375.5 ft. Cut 6 to 10 ft. wide North-easterly 33 ft. to a face of 12 ft. (once much deeper)

Value of cut \$200

No. 6. From Cor. No. 4

A cut, the mouth of which bears S. $31^{\circ}41'$ W. 465.8 ft. Cut 6 ft. wide, Southerly 30 ft., about 4 ft. deep, once much deeper.

Value \$100

On the Protection lode.

No. 1. Discovery shaft, the Center of South side of of which bears N. 88° 54' W. 78.5 ft. (lode line) from E. Center end. Shaft 6 X 4 ft., 8 ft. deep

Value \$75

No. 2. A cut and tunnel, the mouth of which bears N. 69° 20' W. 29 ft. from E. Center End. Cut 5 ft. wide, Westerly 12 ft. to face 10 ft.; thence tunnel 7 X 4½ ft., 16 ft. to face

Value of cut \$100

Value of tunnel @ \$12 per ft. \$192

Total \$292

From Cor. No. 2

No. 3. A cut, the ^{west} edge of mouth of which bears N. 51° 50' E. 45 ft. Cut 5 ft. wide Southerly 16 ft. to face, much caved.

Value \$40

No. 4. A large cut or open stope, the N. E. Corner of which bears N. 54° 50' E. 208 ft. Line of cut N. 75½° W. 44 ft. Cut Southerly 25 to 30 ft. to a face 12 ft. to zero.

Value of cut \$600

No. 5. A cut and tunnel, the mouth of which bears N. 72° 43' E. 347 ft. Cut 5 ft. wide, S. Easterly 15 ft. to a face 10 ft.; thence tunnel 6½ X 4½ ft. 42 ft. to face.

Value of cut \$100

Value of tunnel @ \$10 per ft. \$420

Total \$520

OTHER IMPROVEMENTS

On the Sumpter Lode.

A. A cut and tunnel known as the Cooper Tunnel, the mouth of which bears S. 64° 27' E. 208.7 ft. from

Cor No. 2. Thence cut and tunnel N. $53^{\circ} 17'$ E. 52.3 ft. to portal and 94.5 ft to first turn of tunnel. A total of 250 ft. of main tunnel and 106 ft. branch tunnels.

From pt. on lode line at N. $34^{\circ} 12'$ E. 521.8 ft.

B. The mouth of a cut and tunnel bears N. $64^{\circ} 30'$ W. 44 ft. Cut N. Easterly 16 ft. to face, thence tunnel 14 ft. Cut extends easterly and westerly a total of 60 ft.

C. A shaft the center of which bears S. $58^{\circ} 16'$ E. 74 ft., shaft 6 X 4 ft. 68 ft. deep.

D. An old irregular cut the face of which bears S. $47^{\circ} 40'$ E. 102 ft. Cut 28 ft. Southerly to mouth, also a branch westerly.

E. A shaft the westerly edge of which on lode line at N. $34^{\circ} 12'$ E. 797.4 ft. / Shaft 6 X 4 ft. 9 ft. deep. A lso surface prospecting along the vein at several points. All of above work claimed by the Central Copper Co. of Arizona, under a former location.

On The Protection lode.

From Cor. No. 4.

A. A shaft the center of which bears S. $75^{\circ} 02'$ W. 72.7 ft. Shaft 6 X 4 ft. 27 ft. deep.

From a point on line 3 - 4 at S. $88^{\circ} 54'$ E. 1421.6 ft. from Cor. No. 3.

B. The mouth of cut and tunnel bears N. $1^{\circ} 06'$ E. 24.5 ft. Cut Southerly 21 ft. thence tunnel 7.5 ft.

Both shaft and tunnel claimed by Hanna & Land.

INSTRUMENT.

This survey was made with a Young & Sons Mountain Transit, (No. 6855) provided with Smith Solar Attachment.

The Courses were deflected from true meridian as determined by direct solar observations.

The distances were measured by 500 and 50 ft. steel tapes.

R E P O R T.

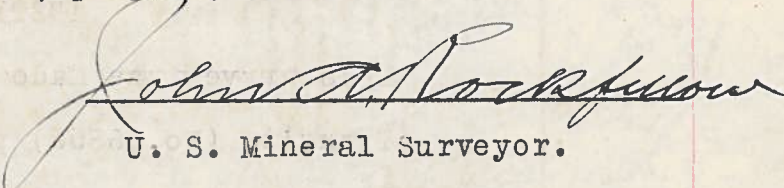
After making the connections between these lode claims tying to the Cor. of Secs. 21-22-27-28, Tp. 14 S., R. 27 E., and these tying to the 1/4 Sec. Corner between Secs. 22-27, I found that they would not close within the recorded course and distance of the North boundary of Sec. 27. Then I ran this boundary line from the 1/4 Sec. Cor. N. bdy. of Sec. 27 to Cor. Secs. 21-22-27-28 and found it to be S. 88° 50' W. 2691.6 ft.

In a previous survey I had run the line from 1/4 Cor. South boundary of Sec. 27 to the 1/4 Cor. on North boundary; the line from 1/4 cor. on S. bdy. to Cor. of Secs. 27-28-33-34; and the line from Cor. of Secs. 27-28-33-34 to the 1/4 Cor. bet. Secs. 27-28. In order to complete the traverse I ran on this survey the line bet. the 1/4 Cor. of Secs. 27-28 and the corner of Secs. 21-22-27-28, and the above closed with only a very slight error. The Cor. of Secs. 21-22-27-28 is a triangular rock firmly set in ground 24 ins. wide at bottom, 20 ins. high and 6 ins. thick. Chiseled 3 notches on E., 2 notches on South and "R 27 E", witnessed by a monument on the West.

The 1/4 section corner on N. bdy. of Sec. 27 is rock firmly set 8 X 8 X 8 ins. above ground chiseled 1/4 on the North and witnessed by a monument north.

The corners of Surveys Nos. 2814 and 2816, mentioned in connection with this survey are marked by 4 X 4 posts, in stone mounds, properly marked.

Tombstone, Arizona,
May 2, 1924.


U. S. Mineral Surveyor.

The undersigned Frederick W. Sherman being duly sworn, deposes and says that he is by profession a mining engineer and is employed by the Central Copper Company of Arizona, and that he is familiar with the underground workings of the Number 1 Tunnel and of the surface of the ground above it, and further certifies that the accompanying sketch is a true representation of the conditions actually existing on the property.

Frederick W. Sherman

Subscribed and sworn to before me
this 12th day of April, 1924.

By: [Signature]
Notary Public.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow

United States 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 _____

Central Copper Co. of Arizona

known as the South End, Summit, Red Light, Blue Light, Cedar Tree, North End and Protection lodes and showing the respective capacities in which they acted.

James H. Eisenhart, Chainman.

Homer Mulkins, Chainman.

William H. Dockery, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, James H. Eisenhart, Homer Mulkins and William H. Dockery, do solemnly swear that we assisted John A. Rockfellow, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Central Copper Co. of Arizona

known as the South End, Summit, Red Light, Blue Light, Cedar Tree, North End and Protection lodes represented in the foregoing field notes as having been surveyed by said 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

James H. Eisenhart, Chainman.

Homer Mulkins, Chainman.

William H. Dockery, Axman.

_____, Flagman

Subscribed and sworn to by the above-named persons before me this 12th

day of April, 1924

By: [Signature]
Notary Public

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, John A. Rockfellow, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 7 1924,

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 Central Copper Company

of Arizona, known as the South End, Summit, North End, Cedar Tree, Red Light, Blue Light and Protection situate in La. Cabozas and Turis Mining District, Cochise County, Arizona, in Section

15, 16, 21, 22, Unsur., Township No. 14 S, Range No. 27 E ~~Unsurveyed~~ and designated as Survey No. 3931

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.

John A. Rockfellow
U. S. Mineral Surveyor.

Subscribed and sworn to by the said John A. Rockfellow U. S. Mineral Surveyor, before me, Frances J. Abell, Notary Public in and for Cochise County, Ariz. this 3rd day of May, 1924

Frances J. Abell,
Notary Public.

My commission expires Feb. 19, 1928.



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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

June 30, 1924.

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

Central Copper Company of Arizona

SOUTH END, SUMPTER, NORTH END, CEDAR TREE,

, known as the RED LIGHT, BLUE LIGHT, and PROTECTION lodes

, situate in Dos Cabezas and Tevis

Mining District, Cochise County,

Unsur.

Arizona, in Sections 15, 16, 21, 22 Township No. 14 S.,

Range No. 27 E., and designated as Survey

No. 3931, 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 five hundred dollars' worth of labor has been expended or improvements made upon said mining claims by claimant or its grantors, and that said improvements consist of 22 cuts, 14 tunnels, 6 shafts, 1 stope, and 450 ft. of the Number One Tunnel, total value \$16,941.

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.

Charles M. Donohoe

United States Surveyor General for Arizona

4-687

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

**DEPARTMENT OF THE INTERIOR
OFFICE OF U. S. SURVEYOR GENERAL**

Phoenix, Arizona.

June 30, 1924

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

Central Copper Company of Arizona

known as the

SOUTH END, SUMPTER, NORTH END, CEDAR TREE, RED LIGHT, BLUE LIGHT,
and PROTECTION lodes

situate in Dos Cabezas and Tevis mining district,

Cochise County, Arizona

in Sections 15, 16, 21, 22 ^{Unsur.} Township No. 14 S., Range No. 27 E.

designated as Survey No. 3931

executed by John A. Rockfellow, U. S. Mineral

Surveyor, March 11 - April 12, 1924, under my instructions dated

March 7, 1924, 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. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.

Charles M. Donohoe

U. S. Surveyor General for Arizona.