

28
SEP 2 1913 1

(4-683.)

Mineral Survey No. 3062

Lot No. _____

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Commonwealth Extension Mining Company

KNOWN AS THE

Rainbow, Hornspon, Silverthread, Arthur, Turquoise Mining District.

Cochise County, Arizona

Section 8 4 & 5, Township 18 S, Range 25 E

Surveyed under instructions dated April 7, 1913

by John A. Rockefeller
U. S. Deputy Mineral Surveyor

Claim located See Notices of location

Survey commenced July 10, 1913

Survey completed July 15, 1913

o 6-109

Address of Claimants Attorney
Lee O. Woolery
Tombstone
Ariz.

Rainbow ~~Lode.~~

Beginning at Cor. No.1, the S.W.Cor. of location, a pine post, 4 ins. square, 3½ feet above ground, in a mound of stone, scribed S W C-R; add 1-3062.

Whence:

The ¼ Cor. between sections 4-5 Tp. 18S, R 25 E bears S51°13'E 229.2 feet.

U.S. Location Monument No. -1249 bears N52°51'W 986.95 feet.

Cor. No.1-Horn Spoon lode of this survey bears N56°48'W 4.5 feet.

Thence N7°22'W Va. 13°35'E.

1.10 West Center End of location, a pine post 4 ins. square 3½ feet above ground, in a mound of stone, scribed W C-E-R, add 3062.

2.35 To Cor. No.2, identical with location, a pine post 4 ins. square, 3 feet above ground, in a mound of stone scribed N W C - R add 2-3062.

Whence:

X B R 2-3062 chiseled on a rhyolite rock 18x18x18 ins. bears N64°07'E 15.9 feet.

X B R 2-3062 chiseled on a rhyolite rock 20x20x8 ins. bears N70°35'W 13.5 feet.

Cor.No. 1 Horn Spoon lode of this survey bears N87°37'W 3.4 feet.

Cor. No. 2 Silver Crown lode Sur. No.1249 bears N87°37'W 502.0 feet.

Thence S87°37'E. Va.13°35'E.

179.35 Intersect line between sections 4-5 at N0°06'E. 138.4 feet from ¼ Corner and S0°06'W 2513.2 ft. from cor. of Secs. 4-5 on N. bdy. of Tp 18S. R 25E.

985.7 To Cor. No.3, identical with location, a pine post, 4 ins. square, 3½ feet above ground, in amount of stone, scribed N W C - R add 3-3062.

Whence:

Cor.No. 3 Silver Crown lode, a post scribed S C W C 3-1249 bears S 87°37'E 1.6 feet.

No rock or tree bearings available.

Thence $S7^{\circ}22'E$. Va. $13^{\circ}40'E$

327.8 East Center End, identical with location, a pine post 4 ins. square, 3 feet above ground, in a mound of stone, scribed E C E- R add 3062.

664.0 To Corner No. 4, Set a pine post 4 ins. square $3\frac{1}{2}$ feet long 10 ins. in the ground to hardpan, in a mound of stone, scribed S E C - R 4-3062.

Whence:

Cor. of location, a post scribed S E C - R bears $S7^{\circ}48'E$ 3.02 feet.

An unknown post in a mound of stone bears $N26^{\circ}00'W$ 68.0 feet.

X B R 4-3062 chiseled on a rhyolite rock 9x2x3 ins. $S48^{\circ}42'W$ 14.6 feet.

X B R (not space for more) chiseled on a rhyolite rock 6x4x1 ins. bears $N83^{\circ}47'W$ 9.9 feet.

Cor. No 2 Horn Spoon lode of this survey bears $S12^{\circ}06'W$ 2.43 feet.

Thence $N70^{\circ}26'W$ Va. $13^{\circ}10'E$.

9.65 To Cor. No. 5 ; Set a pine post, 4 ins. square $3\frac{1}{2}$ feet long, 6 ins. in the ground to hardpan, in a mound of stone, scribed Δ R 5-3062.

Whence;

Corner of location, previously described, bears $S56^{\circ}48'E$ 11.35 feet.

Corner No. 2 Horn Spoon lode of this survey bears $S56^{\circ}48'E$ 10.25 feet.

Thence $N56^{\circ}48'W$ Va. $13^{\circ}10'E$.

105385 Intersect line between secs. 4-5 at $N0^{\circ}06'E$ 26.6

feet from $\frac{1}{4}$ sec. Corner and $50^{\circ}06'W$ 2625.0 ft from
 1267.45 ~~x~~ To Cor. No. 1, the place of beginning.
The Cor. of Secs. 4-5 on the N. bdy. of township

 Horn Spoon lode

Beginning at Cor. No. 1, identical with location, a 2x4 inch post in amount of stone: in its place set a pine post 4 ins. square, 5 ft. long, one foot on ground

to bed rock, scribed N W C - H S. 1-3062

Whence:

The $\frac{1}{4}$ Cor. between secs. 4-5 Tpl^s R25E bears
S51° 19'30" E 233.65 ft.

Thence S56° 48'E. Va. 13° 35'E

4.5 Cor. No. 1. Rainbow lode of this Survey.

218.1 Intersect line between Secs. 4-5 ~~at~~ ^{at} N0° 06'E - 26.6

ft. from $\frac{1}{4}$ Sec. Cor. and 50° 06' W 2625.0 ft. from the
Cor of secs 4-5 on the N. bdy. of town's ship.

1271.95 Cor. No. 5 Rainbow lode of this Survey.

1282.20 To Cor. No. 2, identical with location, a pine post,
4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone,
scribed N E C - H S add 2-3062, also scribed W C E - A 1
for Anex No. 1 lode, unsurveyed.

Whence:

X B R (not space for more) chiseled on rhyolite rock
6x4x1 inches, bears N69° 42'W - 9.95 ft.

X B R 4-3062 (not room for more) chiseled on a
rhyolite rock 9x2x3 ins. for bearing

Cor. No. 4 Rainbow lode of this Survey, previously
described bears S55° 16'W - 12.7 ft.

No other rock or tree bearings available

Thence S46° 25'W Va. 13° 10'E

300.2 East Center End, identical with location, a pine post
4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone,
scribed E C E - H S add 3062 also scribed S W C - A 1
and N W C - A 2 for ^{S.W. Cor.} Anex No. 1 and ^{N.W. Cor} Anex No. 2 lodes, unsurveyed

600.6 To Cor. No. 3, identical with location and with Cor. No. 2
Silverthread lode of this Survey, a pine post 4 ins.
square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone,
scribed S E C - H S N E C - S T add 3-2-3062, also
scribed W C E - A 2 for ^{W. Center End} Anex No. 2 lode, unsurveyed.
No rock or tree bearings available.

Thence N51° 44' 30"W Va. 13° 30'E

582.15 Intersect line between Secs. 4-5 at S0° 10'W - 609.65 ft.
from $\frac{1}{4}$ Sec. Cor. a rock chiseled $\frac{1}{2}$ on West side. and
N0° 10'E - 2030.55 ft. from Cor. of Secs. 4-5-8-9, a rock

chiseled five notches on south and four notches on east sides.

1493.8 To Cor. No. 4, identical with location and with Cor. No. 1 Silverthread lode, and with East Center End Arthur lode, both of this Survey, a pine post 4 ins. square, 3 ft. above ground, in a mound of stone, scribed S.W.C. - H.S.
N W C - S T E C E - A add 4-1-3062 .

Whence:

X B R 4-1-3062 chiseled on a rhyolite rock 24x24x12 ins. bears N14° 20'W - 9.3 ft.

X B R 4-1-3062 chiseled on a rhyolite rock 12x10x6 ins. bears N61° 51'E - 9.3 ft.

Thence N46° 25'E Va. 13° 55'E

183.1 Intersect ridge of roof of power house at N59° 44'W 15.5 ft. from easterly peak and S59° 44'E - 24.3 ft. ~~from~~ higher and larger boiler house.

294.5 To Cor. No. 5, identical with location and with Cor. No. 1 Arthur lode, of this Survey, a 2x4 post scribed N E C - A in a mound of stone. In its place set a pine post, 4 ins. square, 4 ft. long, 3 ins. in ground to bed-rock, scribed W C E - H S N E C - A and 5-1-3062

Whence:

X B R 5-1-3062 chiseled on a rhyolite rock 36x36x30 ins. bears S77° 16'E 4.7 ft.

X B R 5-1-3062 chiseled on rhyolite bed rock triangular in shape 36x24 ins. bears S46° 25'W - 13.2 ft.

Cor. No. 2 Silver Crown lode Sur.No. 1249 bears N87° 08' W - 176.6 ft.

U.S.L.M. No. 1249 bears N38° 24'W - 742.3 ft.

Thence S87° 53'E Va. 13° 00'E

322.0 To Cor. No. 1 the place of beginning.

Silverthread 3062

Beginning at Cor. No. 1, the N.W. Cor. of location, identical with Cor. No. 4, Horn Spoon lode and E.C.E. Arthur lode both of this Survey and previously described

Whence:

The $\frac{1}{4}$ Cor. between Secs. 4-5 Tpl8S, R25E, bears
N86° 24'E - 718.95.ft.

U.S.L.M. No. 1249 bears N17° 31'W - 822.95 ft.

Thence S51° 44' 30"E Va: 13° 55'E.

911.65 Intersect line between Secs. 4-5 at S0° 10'W - 609.65 ft.
from $\frac{1}{4}$ Cor. and N0° 10'E - 2030.55 ft. from Cor. Secs.
4-5-8-9,

1493.8 To Cor. No. 2, identical with location and with Cor. No. 3
Horn Spoon lode of this Survey, previously described.

Thence S46° 25'W Va. 13° 30'E

302.4 East Center End, identical with location, a pine post,
4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone,
scribed E C E - S T add ~~XXX~~W 3062.

604.8 To Cor. No. 3, identical with location, a pine post,
4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone,
scribed S E C - S T add 3 - 3062. No rock or tree
bearings available.

Thence N50° 52' 30"W Va. 13° 35'E

27.35 Intersect line between secs. 4-5 at S0° 10'W - 1369.85
ft. from $\frac{1}{4}$ Cor. and N0° 10'E 1270.35 ft. from Cor. secs.
4-5-8-9,

1442.2 To Cor. No. 4, identical with location, a pine post,
4 ins. square, 3 $\frac{1}{2}$ ft. above ground in a mound of stone
scribed S W C - S T add 4 - 3062.

Whence:

Post scribed N W C - B B bears N74° 46'E - 462.9 ft.

Post scribed N W C - A 6 bears S75° 57'E - 678.4 ft.

No rock or tree bearings available.

Thence N37° 09'E Va. 13° 45'E

9.0 Center of road bears N.W. and S.E.

298.7 To Cor. No. 5, identical with location, and with Cor. No.
2, Arthur lode of this Survey, a pine post 4 ins. square,
3 ft. above ground in a mound of stone, scribed W C E - S T
and S E C - A add 5-2-3062.

Whence:

X B R 5-2-3062 chiseled on a rhyolite rock 12x10x4 ins.

bears S22° 50'E 10.45 ft.

X B R 5-2-3062 chiseled on a rhyolite rock, triangular in shape 10x12 ins. bears S80° 40'E - 15.00 ft.

Thence N46° 25'E Va. 12° 40'E

240.5 Shaft.

281.0 To Cor. No. 1 the place of beginning.

Arthur P.

Beginning at Cor. No. 1 identical with location and with Cor. No. 5 Horn Spoon lode of this Survey, previously described.

Whence:

The $\frac{1}{4}$ Cor. between Secs. 4-5 Tpl8S, R25E, bears S72° 36' 30"E - 528.35 ft.

U.S.L.M. No. 1249 bears N38° 24'W - 742.3 ft.

Thence S46° 25'W Va. 13° 00'E

111.4 Intersect peak of roof^{of} power house described in topography of line 4-1 Horn Spoon lode.

294.5 East Center End, identical with location and with Cors. No. 4, Horn Spoon lode and No. 1 Silverthread lode, both of this Survey, and previously described.

575.5 To Cor. No. 2, identical with location and with Cor. No. 5, Silver thread lode of this Survey, previously described

Thence N86° 13'W VA. 12° 40'E

591.0 Road to mine bears N.W. and S.E.

670.0 Road Pearce to Gleeson bears Northerly and Southerly.

1570.5 To Cor. No. 3, identical with location, a pine post, 4 ins. square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone scribed S W C - A add 3-3062.

Whence:

X B R 3-3062 chiseled on a rhyolite rock 6x6x8 ins. bears S82° 04'E - 10.55 ft.

No other nearby bearings available.

Thence N46° 25'E Va. 13° 40'E.

389.0 West Center End, identical with location, a stone monument.

683.4 To Cor. No. 4, identical with location, a pine post 4 ins square, 3 $\frac{1}{2}$ ft. above ground, in a mound of stone, scribed N W C - A add 4-3062.

follows:

Rainbow: from East Center End N70° 26'W - 1089.6 ft. to W.C.E.

Horn Spoon: from East Center End N51° 58'W - 1494.6 ft. to W.C.E.

Silverthread: from East Center End N50° 56'W - 1490.85 ft. to W.C.E.

Arthur: from East Center End N83° 11'W - 1499.5 ft. to W.C.E.

Adjoining Claims.

On the North

North Bell and Silver Crownlodes, Sur. No. 1249,
Commonwealth Mining Co. Claimant

On the East

Anex No. 1 Anex No. 2 Anex No. 6 lodes, unsurveyed,
Commonwealth EXTension Mining Co. Claimants.

On the South

Anex No. 6 lode, unsurveyed, mentioned above. Contact No. 3
lode, unsurveyed,

Claimant unknown.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in said mining claim by the Claimant or its grantors, is not less than five hundred dollars for each location and said improvements consist of:

Rainbow

From E.C.E.

No. 1 Discovery Shaft the center of which bears N70° 26'W - 282 ft. Shaft 6x4 ft., 5½ ft. deep (caved once deeper)

Value \$ 20.00

No. 2 Shaft, the center of which bears N48° 10'W - 451 ft. Shaft 7x5 ft., 197ft. deep timbered and surmounted by a gallows frame.

Value at \$16 per foot

\$ 3152.00
~~\$ 21.52~~

From Cor. No. 1

No. 3 Shaft, the center of which bears S57° 48'E - 187 ft.
Shaft 6x4 ft., 8 ft. deep.

Value \$40.00

No. 4 Shaft, the center of which bears S82° 52'E -
193.8 ft. Shaft 6x4 ft. 104 ft. deep, timbered
first 40 feet.

Value of shaft at \$10 per foot. \$1040

of timbering \$160

Total value \$1200.0

Horn Spoon ledge.
From E. C. E.

No. 1 Discovery Shaft, the center of which bears
N51° 58'W - 822 ft. Shaft 7x4½ ft. 47 ft. deep.

Value at \$11. per foot. \$517.00

No. 2 Shaft, the center of which bears N47° 10'W
222.5 ft. Shaft 8x5 ft. - 68 ft. deep.

Value at \$11. per foot. \$748.0

NO. 3 Shaft, the center of the Southerly edge of which
bears N47° 10'W - 278 ft.

Shaft 6x4 ft. 22 ft. deep

Value at \$10.0 per foot \$220.00

From Cor. No. 2

No. 4 A shaft, the center of which bears N74° 21' W -
546.5 ft. Shaft 6x4 ft., 10 ft. deep.

Value \$100.00

No. 5 Shaft, the center of which bears N63° 33'W -
680.0 ft. Shaft 6x5 ft., 8½ ft. deep.

Value \$60.00

From Cor. No. 1

No. 6 Shaft, the center of the Westerly side of which
bears S10° 30'W - 295 ft. Shaft 7x5 ft. 47 ft.
deep.

Value at \$11. per foot. \$517.0

From Cor. No. 5

No. 7 Main working shaft, the center of Southeasterly
compartment of which bears S26° 41'W - 111.0
ft. Shaft N60° W - 10 ft. x 6 ft. surmounted
by gallows frame. Shaft timbered

Depth 330 ft.

Value at \$20 per foot \$6600.00

From Cor. No. 4

No. 8 Incline shaft, the center of foot wall of
which bears S56° 20'E - 328 ft. Shaft
7x5 ft. 22 ft. deep, dip northerly

Value at \$10. per foot \$220.00

From point on line 3-4 at N51° 44' 30"W

156.2 ft. from Cor.No. 3

No. 9 shaft the center of which bears N40° 57'W
245.5 ft. Shaft 6x4 ft., 10 ft. deep.

Value \$100.00

No. 10 Cut, the center of mouth of which bears N49° 20'W
232ft. Cut Northerly 31 ft. average 4x3 ft.

Value \$75.00

No. 11 Shaft, the center of which bears N12°55'E
64 ft. Shaft 6x5 ft., 9 ft. deep.

Value \$80.00

No. 12 Shaft, the center of which bears N53° 45'E
154 ft. Shaft 6x4½ ft., 10 ft. deep.

Value \$100.00

No. 13 Shaft, the center of which bears S74° 40'E
195.5 ft. Shaft 6x5 ft. 50 ft. deep

Value at \$10 per foot \$500.00

Silverthread

From Cor. No. 5

No. 1 Discovery shaft, the center of north edge of
which bears S50° 56'E - 417 ft. Shaft 6x4 ft.
8½ ft. deep.

Value \$50.00

From Cor. No. 1.

No. 2 Shaft on line 1-5 a point in center of which

North Easterly and South ~~xxxxxxx~~ westerly

bears S46° 25'W - ^(40.5)405 ft. From said point

shaft extends 4 ft. Southeasterly X4 ft.

and 2 ft. Northwesterly X 4 ft. on Arthur lode

Shaft 18 ft. deep, from bottom at Northwesterly

corner a drift extends N24° E 39 ft.

Drift 6x4½ ft.

Value of shaft and drift at \$10 per foot \$570.00

Of this assign to Silverthread lode \$150.00
the value of that part of the improvement situated on said claim.

The remainder to Arthur lode

No. 3 Shaft, the center of which bears S36° 30'E - 181 ft.

Shaft 6x4 ft. 5 ft. deep.

Value \$20.0

No. 4 Cut, the center mouth of which bears S33° 05'E

285 ft., cut northerly 31 ft. 4 ft. wide

to 10 ft. face.

Value \$100.00

No. 5 Shaft, the center of which bears S46° 45'E

264 ft. Shaft 6x4 ft., 35 ft. deep.

Value at \$10 per foot. \$350.00

From point on line 1-2 at S51° 44' 30"E 543.1 ft

from Cor. No. 1.

No. 6 Cut, the mouth of which bears N81° 30' W - 71 ft.

Cut, northerly 21 ft. 3½ ft. wide to 10 ft.

face, thence a shaft 6x4 ft., 3 ft. ~~wide~~ deep

Value \$125.00

From point on line 1-2 at S51° 44' 30"E

1037.6 from Cor. No. 1.

No. 7 Cut, the mouth of which bears N56° 08'W - 248 ft.

Cut Northerly 20 ft. average 3½x2 ft.

Value \$30.00

Arthur lode

From E.C.E.

No. 1, Discovery Shaft, the center of which bears

N83° 11'W - 81.0 ft. Shaft 6x4 ft. 6 ft. deep

(caved) Value \$30.00

No. 2 Shaft, the center of which bears N36° 30'W 142.5 ft.

Shaft 6x4 ft., 9 ft. deep.

Value \$75.00

No. 3 Shaft, the center of which bears N62° 00'W

276 ft. Shaft 6x4 ft. 7 ft. deep.

Value \$45.00

No. 4 Shaft and drift described as improvement No. 2 Silverthread lode. Proportion assigned to this lode, the value of that part actually situated thereon. \$420.00

No. 5 Excavation at power house described in topography of lines 4-5. Hornspoon and 1-4 Arthur lodes. On Arthur lode: approximately 1800 cubic feet of rock.

Value \$100.00

Other Improvements.

On Horn Spoon and Arthur lodes power house described in topography of line 4-1 Horn Spoon:

Consists of two attached buildings in all 66x18 ft. built of lumber and corrugated iron, said building contains boiler (oil burner) hoisting engine, air compressor etc.

Adjoining the main shaft improvement No. 7, on Horn Spoon lode, at Easterly side, is lumber black-smith shep 16x14 feet.

All of above improvements belong to Claimant herein.

Instrument.

This Survey was made with a Young & Sons Mountain Transit (6855) provided with a Smith's Solar Attachment.

The courses were determined by direct solar observations. The distances were measured with 500 and 50 ft. steel tapes.

Note: Any disagreements between these notes and those of adjoining surveys are due to errors in the later

John A. Rockwell
U.S. Mineral Surveyor.

Tombstone, Arizona.

August 26, 1913.

REPORT SURVEY NO. # 0 6 2

The Cor~~x~~, of Secs. 4_ 5- 8-9 Tp18S, R25E, is a rhyolite rock, firmly set in the ground, with 4 notches on the east, and 5 notches on the south faces.

The $\frac{1}{4}$ Cor. between Secs. 4+5 is a rhyolite rock firmly set in the ground marked $\frac{1}{4}$ on the west face and witnessed by a monument on the west,

The Cor. of Secs. 5-63I-32 on north boundary of said township is a red-wood post 4 ins. square, the top cut ~~away~~ away so that marking has disappeared.

The $\frac{1}{4}$ Cor. between Secs. 6-3I is a post 4 ins. square marked $\frac{1}{4}$ S on the north face.

The Cor. of Secs. 3-4-33-34 is a quartzite rock, firmly set in the ground with 3 notches on the east and west faces.

The $\frac{1}{4}$ Cor. between Secs. 4-33 is a post 4 ins. square marked $\frac{1}{4}$ S on north face.

The $\frac{1}{4}$ Cor. between 5-32 formerly located in the principal east and west street of Pearce has disappeared.

The Cor. of Secs. 4-5-32-33 has disappeared and I reestablished it in the following manner:

Set up on the Cor. of Secs. 3-4-33-34 situate on high ground whence flags at the $\frac{1}{4}$ Cor. between Secs. 4-33 and the Cor. of Secs~~x~~ 5-6-3I-32 are visible and both bear S89° 43' W.

From $\frac{1}{4}$ Cor. between Secs. 4-33 run this course;

2640.0 Set tempory stake.

7929.3 Cor. of Secs? 5-6-3I-32

Whence the $\frac{1}{4}$ Cor. between Secs. 6-3I bears S89° 45' ~~W~~ W
2643.5 ft.

At S89° 43' W - 2643.1 ft. from $\frac{1}{4}$ Cor. between Secs. 4-33 locate permanent corner of Secs, 4-5-32-33. Set a rhyolite rock 16x10x10 ins. (pointed at the top) 12 ins. in the ground, chisel 4notches on the east and 2 notches on the west faces. As corner is in a public highway, surround with a mpund of stone 4 $\frac{1}{2}$ ft. base and 3 ft, high

Whence;

The pump(iron pipe) at approximate center of Williams and Harper Well, surmounted by a windmill, bears $N21^{\circ}20'W$ - 235.5 ft.

A notch in square topped rock on skyline, Cochise Stronghold, bears $N79^{\circ}30'W$ about 10 miles.

The $\frac{1}{4}$ Cor. between Secs. 4-5 bears $S0^{\circ}06'W$ -2651.6ft.

Magnetic Variation $13^{\circ}48' E$

U.S. Location Monument No. I249 is a post 6 ins. square, about 8 ft. high in a mound of stone, scribed U S L M No. I249.

John A. Rockfellow
U.S. Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

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

Commonwealth Extension Mining Com
pany Rainbow, Horn Spoon, Arthur, Silver
known as the thread
and showing the respective capacities in which they acted.

Harry Carliton, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

FINAL OATHS OF ASSISTANTS.

we Harry Carliton
and....., do solemnly swear that we assisted John A
Rockefeller, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of.....

Commonwealth Extension Mining Com
pany Rainbow, Horn Spoon, Silver thread,
known as the Arthur
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
Harry Carliton, Chainman.
....., Chainman.
....., Axman.
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 15th

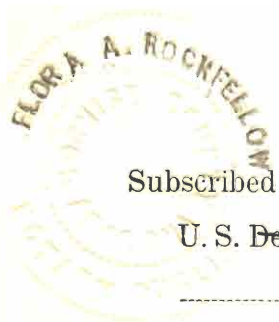
day of July, 1913.

My commission
by file February 26, 1916
Wm. D. Munn
Notary Public

FINAL OATH OF U. S. ~~DEPUTY~~ MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 7 1913, 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 Commonwealth Extension Mining Company, known as the Rainbow, Hornspon, Silverthread & Arthur situate in Turquoise Mining District, Cochise County, Ariz., in Section S 4 & 5, Township No. 18 S Range No. 25 E and designated as Survey No. 3062, 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. Rockefeller
U. S. Deputy Mineral Surveyor.



Subscribed and sworn to by the said John A. Rockefeller

U. S. Deputy Mineral Surveyor, before me Flora A. Rockefeller

this 27

day of August 1913

My Commission expires Apr 25 1915 Flora A. Rockefeller,

Notary Public

APR 7-1913

L O C A T I O N N O T I C E

NOTICE IS HEREBY GIVEN that the undersigned in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, we have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 Three feet in width on each side of the middle of said lead, lode or vein, situate in the Turquoise Mining District, County of Cochise Territory of Arizona, and more particularly described as follows, to wit:

COMMENCING at this monument of stones, being the center of the Southerly end of claim, and upon which this notice is posted; thence Westerly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Easterly 300 feet to a monument of stones; being the center of the Northerly end of claim; thence Easterly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Westerly 300 feet to place of beginning.

THIS CLAIM is located in Sulphur Spring Valley and in Pierce camp and lies between the Horn Spoon Mine & the Pierce group of mines & locates all the vacant ground between them, and shall be known as the **Rainbow** Mine.

Located June 28th, 1895.

G. H. Fitts

Alex Wight.

Filed and recorded at request of G. H. Fitts, Nov.30th,
A. D. 1895 at 2:30 P.M., in Book 13 Records of Mines at page 253.

STATE OF ARIZONA,)
 : SS.
County of Cochise.)

I, Owen E. Murphy, County Recorder in and for
the County and State aforesaid, D O H E R E B Y C E R T I F Y
that I have compared the annexed and foregoing copy with the original
Location Notice of the **Rainbow** Mining Claim, filed for record in my
office on the 30th day of November, A. D. 1895 at 2:30 P.M., and recorded
in Book 13 Records of Mines at page 253, and that the same is a full,
true and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 2nd day of
April, A. D. 1913.

Owen E. Murphy,

County Recorder

By *James A. Dwyer* Deputy.



APR 7-1913

L O C A T I O N N O T I C E .

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, we have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Turquoise Mining District, County of Cochise, Arizona, and more particularly described as follows, to wit:

COMMENCING at this monument of stones, being the center of the westerly end of claim, and upon which this notice is posted; thence Northerly 300 feet to a monument of stones; thence Easterly 1500 feet to a monument of stones; thence Southerly 300 feet to a monument of stones; being the center of the Easterly end of claim; thence Southerly 300 feet to a monument of stones; thence Westerly 1500 feet to a monument of stones; thence Northerly 300 feet to place of beginning.

THIS CLAIM is situated in the Sulphur Spring Valley and is on the South Side of the Pierce Mines and about one mile Easterly from the Blue Bell Mine, and shall be known as the **Horn Spoon** Mine.

Located June 16th, 1895.

John J. Pearce

Witnesses

C. K. Coffman

Jos. Southerland.

Filed and recorded at request of Jos. Southerland, June 29th,
A. D. 1895 at 11:00 A.M., in Book 13 Records of Mines at page 236.

STATE OF ARIZONA,)
 : SS.
County of Cochise.)

I, Owen E. Murphy, County Recorder in and for
the County and State aforesaid, D O H E R E B Y C E R T I F Y
that I have compared the annexed and foregoing copy with the original
Location Notice of the **Horn Spoon** Mining Claim, filed for record in
my office on the 29th day of June, A. D. 1895 at 11:00 A.M., and
recorded in Book 13 of Records of Mines at page 236, and that the same
is a full, true and correct copy of said original and of the whole
thereof.

Given under my hand and seal of office, this the 2nd day of
April, A. D. 1913.

Owen E. Murphy,

County Recorder

By Jos. Southerland Deputy.



APR 7- 1911

L O C A T I O N N O T I C E

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Turquoise Mining District, County of Cochise, Territory of Arizona, and more particularly described as follows, to wit:

COMMENCING at this monument of stones, being the center of the Northerly end of claim, and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones; being the center of the Southerly end of claim; thence Westerly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Easterly 300 feet to place of beginning.

THIS CLAIM is situated in the low hills in Sulphur Spring Valley in Pierce Camp & is bounded on the North by the Arthur & on the East by the Horn Spoon Mine, and shall be known as the **Silverthread** Mine.

Located June 30, 1895.

George Vanderman

Alex Wight.

Filed and recorded at request of Geo. H. Fitts, Nov.30,A. D.
1895 at 2:33 P.M., in Book 13 Records of Mines at page 255.

STATE OF ARIZONA,)
) : SS.
County of Cochise.)

I, Owen E. Murphy, County Recorder in and for
the County and State aforesaid, D O H E R E B Y C E R T I F Y
that I have compared the annexed and foregoing copy with the original
Location Notice of the **Silverthread** Mine, filed for record in my
office on the 30th day of November, A. D. 1895 at 2:33 P.M., and
recorded in Book 13 Records of Mines at page 255, and that the same
is a full, true and correct copy of said original and of the whole
thereof.

Given under my hand and seal of office, this the 2nd day of
April, A. D. 1913.

Owen E. Murphy,

County Recorder

By Josa J... Deputy.



APR 7- 1913

L O C A T I O N N O T I C E

NOTICE IS HEREBY GIVEN that the undersigned, in compliance with the requirements of the mining Act of Congress, approved May 10, 1872, we have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situated in the Turquoise Mining District, County of Cochise Territory of Arizona, and more particularly described as follows, to wit:

COMMENCING at this monument of stones, being the center of the Southerly end of claim, and upon which this notice is posted; thence Wasterly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Easterly 300 feet to a monument of stones; being the center of the Northerly end of claim; thence Easterly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Westerly 300 feet to place of beginning.

THIS CLAIM is situated in the low hills in Sulphur Spring Valley in Pierce Camp and is Bounded on the South by the Silver thread & corners on to the N. West corner of the Horn Spoon & on the Easterly side by the Pierce group of mines, and shall be known as the **Arthur** Mine.

Located June 29th, 1895.

G. H. Fitts

Alex Wight

Filed and recorded at request of G. H. Fitts, Nov.30th,
A. D. 1895 at 2:31 P.M., in Book 13 Records of Mines at page 254.


STATE OF ARIZONA,)
) : SS.
County of Cochise.)

I, Owen E. Murphy, County Recorder in and for
the County and State aforesaid, D O H E R E B Y C E R T I F Y
that I have compared the annexed and foregoing copy with the original
Location Notice of the **Arthur** Mining Claim, filed for record in my office
on the 30th day of November, A. D. 1895 at 2:31 P.M., and recorded in
Book 13 Records of Mines at page 254, and that the same is a full, true
and correct copy of said original and of the whole thereof.

Given under my hand and seal of office, this the 2nd day of
April, A. D. 1913.

Owen E. Murphy,

County Recorder

By  Deputy.



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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

March 7, 1914.

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

COMMONWEALTH EXTENSION MINING COMPANY

known as the RAINBOW, HORN SPOON, SILVERTHREAD, ARTHUR.

situate in TURQUOISE

Mining District, COCHISE County,

ARIZONA, in Sections 4 & 5, Township No. 18 S.,

Range No. 25 E., and designated as Survey

No. 3062, 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 ^{each of} said mining claims by claimant or its grantors, and
that said improvements consist of 24 shafts, 4 cuts and 1 drift, total
value \$15644, the excavation in rock at the power house, desig-
nated as improvement No. 5 on the Arthur lode, value \$100, not
being allowed as a proper mining improvement.

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.

Frank S. Ingalls,

United States Surveyor General for Arizona.

4-687.

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

Department of the Interior.

Office of U. S. Surveyor-General,

Phoenix, Arizona,

March 7, 1914.

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

COMMONWEALTH EXTENSION MINING COMPANY

, known as the

RAINBOW, HORN SPOON, SILVERTHREAD, ARTHUR.

situate in TURQUOISE mining district,

COCHISE County, ARIZONA

in Section s. 4 & 5, Township No. 18 S., Range No. 25 E.,

designated as Survey No. 3062

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

Surveyor, July 10-15, 1913, 190, under my instructions dated

April 7, 1913, 190, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. Dugan

U. S. Surveyor-General for Arizona.

CONFLICT BETWEEN THE ARTHUR LODGE, SUR.NO. 3062,

AND

LOT NO. 6, SECTION 5, T. 18 S., R. 25 E.

Beginning at Cor. No. 4, Arthur lode, Survey No. 3062; thence along line 4-5 said Arthur lode, S. 82°39' E. 679.11 feet to an intersection with the east boundary of Lot 6, section 5, T. 18 S., R. 25 E.; thence along the east boundary of said Lot 6, S.00°06'W., 254.75 feet to the point for the SE. Corner thereof; thence along the south boundary of said Lot 6, S. 89° 45' W. 1036.78 feet to an intersection with line 3-4, Arthur lode; thence along said line 3-4, said Arthur lode, N. 46° 25' E. 502.08 feet to the place of beginning, containing 6.070 acres.

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I certify that the above and foregoing correctly describes the conflict between the Arthur lode, Survey No. 3062 and Lot 6, section 5, T. 18 S., R. 25 E., and that the plats on file in this office, the Phoenix Land Office and the General Land Office have been amended in green ink to show such conflict.

This amendment is made pursuant to General Land Office letter "N", dated October 23, 1915.

Frank S. Ingalls
Surveyor-General for Arizona.

Office of
U. S. Surveyor-General,
October 30, 1915.