

NOV 15 1915

DEC 17 1915

4-683.

Mineral Survey No. 3228.

Lot No.

Arizona

Land District.

# FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Bunker Hill Mines Company

KNOWN AS THE

Buffalo, Southern Belle, Michigan, Illinois, Cornell, Houghton

Tombstone Mining District,

Cochise County, Arizona

Sections 12, 13, 14., Township 20 South., Range 22 E. G. & S. R B & M.

Surveyed under instructions dated July 12th, 1915.

by Ralph L. Motz.

U. S. Deputy Mineral Surveyor

Claim located see location notices. 1

Survey commenced August 14th, 1915. 1

Survey completed August 17th, 1915. 1

o 6-160

Postoffice address of claimants attorneys,

Ellinwood & Ross,

Bisbee, Arizona.

## HOUGHTON.

Beginning at Cor No 1, the S W Cor, identical with location and with Cor No 1 Gen No 254 Cincinnatti lode, and situated on line 3-4 Gen No 213 New Year lode at S  $65^{\circ} 29' E$  75.0 ft from Cor No 4, and N  $65^{\circ} 29' W$  223.0 ft from Cor No 3,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 H, No bearings available.

The Cor of Secs 11,12,13 and 14, T 20 S, R 22 E, G & S R B & M brs S  $47^{\circ} 17' W$  862.3 ft.

thence N  $32^{\circ} 47' E$

- 661.5 cross railroad running from Tombstone to Pump Shaft,  
 1500.0 along line 1-2 Gen No 254 Cincinnatti lode to Cor No 2, the N W Cor, identical with location and situated on line 1-2 Gen No 254 Cincinnatti lode at S  $32^{\circ} 47' W$  17.4 ft from Cor No 2,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3228 H. No bearings available.

thence S  $65^{\circ} 29' E$

- 300.0 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NEct-H-3228,

- 600.0 to Cor No 3, the N E Cor, identical with location,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3228 H. No bearings available.

thence S  $32^{\circ} 47' W$

- 1500.0 to Cor No 4, the S E Cor, identical with location, and situated on line 2-3 Cornell lode of this survey, at N  $65^{\circ} 29' W$  223 ft from Cor No 3,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3228 H. No bearings available.

thence N  $65^{\circ} 29' W$

- 77.0 to north end center of Cornell lode of this survey,  
 161.8 cross railroad running from Tombstone to Pump Shaft,  
 228.3 cross Y track of railroad running from Tombstone to Pump Shaft,  
 300.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SEct-H-3228,  
 377.0 to Cors No 2 and 3 of Cornell lode of this survey, and Gen No 213 New Year lode, respectively,  
 600.0 to Cor No 1, the place of the beginning.

## CORNELL.

Beginning at Cor No 1, the S W Cor, identical with location,

and with Cors No 2, 2, 6 and 3 of Gen No 213 New Year lode, Illinois lode of this survey, Sur No 758 Michigan Central lode, and Michigan lode of this survey, respectively,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 C,

whence a sandstone rock 20 x 15 x 4 ins high and chiseled BR x 1-3228 brs N 46° 14' W 47.4 ft., and a second sandstone rock 28 x 13 x 12 ins high with like chiseling brs N 49° 30' E 5.9 ft., and the Cor of Secs 11, 12, 13 and 14 T 20 S, R 22 E, C & S R B & M brs N 23° 17' W 760.6 ft.

thence N 24° 13' E

762.7 intersect line between Secs 12 and 13, T 20 S, R 22 E, at S 89° 43' E 613.5 ft from the Cor of Secs 11, 12, 13 and 14, and N 89° 43' W 2034.6 ft from the 1/4 Cor between Secs 12 and 13,

1047.4 cross Y track of railroad running from Tombstone to Pump Shaft,

1306.0 along line 2-3 Gen No 213 New Year lode to Cor No 2, the N W Cor, identical with location and with Cor No 3 Gen No 213 New Year lode, and situated on line 4-1 Houghton lode of this survey at S 65° 29' E 223.0 ft from Cor No 1,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3228 C. No bearings available.

thence S 65° 29' E

77.0 to south end center Houghton lode of this survey,

148.7 cross Y track of railroad running from Tombstone to Pump Shaft,

215.2 cross track of railroad running from Tombstone to Pump Shaft,

300.0 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NECT-C-3228,

377.0 to Cor No 4 Houghton lode of this survey,

600.0 to Cor No 3, the N E Cor, identical with location,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3228 C. No bearings available.

thence S 24° 13' W

273.9 intersect line between Secs 12 and 13, T 20 S, R 22 E, at S 89° 43' E 1269.9 ft from Cor of Secs 11 and 12, 13 and 14, and N 89° 43' W 1378.2 ft from the 1/4 Cor between Secs 12 and 13,

536.0 intersect line 5-6 Sur No 858 Belcher lode at S 12° 15' E 88.8 ft from Cor No 6, and N 12° 15' W 1333.4 ft from Cor No 5, (Cor No 1 and Cor No 2 Sur No 858 Belcher lode bears S 77° 38' W 300 ft and S 77° 38' W 600 ft, respectively from Cor No 6 of said survey.)

1306.0 to Cor No 4, the S E Cor, identical with location, and with Cor No 4 Michigan lode of this survey,

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CORNELL (Cont'd.)

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3228 C.

whence a sandstone rock 14 x 11 x 6 ins high and chiseled BR x 4-3228 brs S 20° 21' E 68.5 ft., and a limestone rock 12 x 23 x 3 ins high with like chiseling brs N 23° 30' W 55.4 ft.

thence N 65° 29' W

- 176.4 intersect line 2-3 Sur No 858 Belcher lode at S 12° 21' E 601.2 ft from Cor No 2, and N 12° 21' W 817.3 ft from Cor No.3.
- 300.0 to original location for south end center, identical with north end center Michigan lode of this survey, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-C-3228,
- 350.0 cross railroad track running from Tombstone to Pump Shaft,
- 600.0 to Cor No 1, the place of the beginning.

ILLINOIS.

Beginning at Cor No 1, the N W Cor, identical with location and with Cor No 2 Sur No 758 Michigan Central lode, and situated on line 2-3 Gen No 143 Grand Central lode at S 23° 32' W 139.8 ft from Cor No 2 and N 23° 32' E 1353.7 ft from Cor No 3,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 I,

whence a sandstone rock 19 x 20 ins exposure and chiseled BR x 1-3228 brs N 47° 04' W 31.6 ft, and a second sandstone rock with 19 x 19 ins exposure and like chiseling brs N 16° 31' W 26.45 ft, and the Cor of Secs 11, 12, 13 and 14, T 20 S R 22 E., G & S R B & M brs N 28° 36' E 512.2 ft.

thence S 65° 29' E

- 3.4 intersect line 4-5 Sur No 276 Modoc lode, at S 23° 41' W 142.8 ft from Cor No 5, and N 23° 41' E 1350.6 ft. and 1291.5 ft, respectively, from Cor No 4, and intersection of line 4-5 Modoc lode with line 3-4 Sur. No. 751 Moonlight lode.
- 269.4 intersect section line between Secs 13 and 14, T 20 S, R 22 E, at N 0° 0' 30" E 2088.8 ft from the 1/4 Cor between Secs 13 and 14, and S 0° 0' 30" W 561.5 ft from the Cor of Secs 11, 12, 13 and 14,
- 300.0 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NECT-I-3228, being identical with Cor No 1, Gen No 213 New Year lode,
- 523.9 intersect line 2-3 Sur No 276 Modoc lode at S 22° 54' W 105.3 ft from Cor No 2, and N 22° 54' E 1390.6 ft from Cor No 3,
- 600.0 to Cor No 2, the N E Cor, identical with location and with Cor No 1 Cornell lode of this survey, heretofore described to which I add 2-3228 I for this claim,

thence S 23° 32' W

- 186.3 cross tracks running from Tombstone to Pump Shaft,
- 753.7 intersect section line between Secs 13 and 14, T 20 S, R 22 E, at S 0° 0' 30" W 1389.7 ft from the Cor for Secs 11, 12, 13, and 14, and N 0° 0' 30" E 1260.6 ft from the 1/4 Cor between Secs 13 and 14,

- 1353.7 along lines 6-5 Sur No 758 Michigan Central lode, and 3-2 Michigan lode of this survey, to Cor No 3, the S E Cor, identical with location and with Cors No 2, 3 and 5 of Michigan lode of this survey, Sur No 815 Southern Belle lode, and Sur No 758 Michigan Central lode, respectively,
- a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3228 I,
- whence a shale ledge 16 x 10 ins exposure and chiseled BR x 3-3228 brs N 65° 19' W 46.2 ft., and a second shale ledge 17 x 8 ins exposure and like chiseling brs S 48° 23' W 38.8 ft., and Cor No 4 Sur No 815 Southern Belle lode brs N 41° 48' W 317.4 ft., and the intersection of line 3-4 said Southern Belle lode with line 2-3 Modoc lode Sur No 276, brs same course 67.1 ft distant.
- thence N 65° 29' W
- 61.1 intersect line 2-3 Sur No 276 Modoc lode at N 22° 54' E 36.4 ft from Cor No 3, and S 22° 54' W 1459.5 ft from Cor No 2, (the intersection of lines 2-3 Sur No 276 Modoc lode and 3-4 Sur No 815 Southern Belle lode brs N 22° 54' E 27.2 ft.)
- 270.4 to north end center Southern Belle lode of this survey,
- 300.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-I-3228,
- 552.5 intersect line 4-5 Sur No 815 Southern Belle lode at S 88° 28' W 290.9 ft from Cor No 4, and N 88° 28' E 34.2 ft from Cor No 5,
- 557.7 intersect line 3-4 Sur No 276 Modoc lode at N 61° 18' W 498.9 ft from Cor No 3, and S 61° 18' E 42.5 ft from Cor No 4, and 22.15 ft. from intersection line 3-4 Modoc lode with line 2-3 Sur No 751 Moonlight lode.
- 579.4 to Cors No 2, 2 and 4 of Sur No 751 Moonlight lode, Gen No 144 South Extension of the Grand Central lode, and Southern Belle lode of this survey, respectively, (from this point Cor No 3 Sur No 751 Moonlight lode brs N 12° 22' E 65.2 ft, and the intersection of lines 3-4 Sur No 276 Modoc lode and 2-3 Sur No 751 Moonlight lode brs N 12° 22' E 1.65 ft.)
- 600.0 to Cor No 4, the S W Cor, identical with location and with Cors No 3 and 3 of Gen No 143 Grand Central lode and Sur No 758 Michigan Central lode, respectively,
- a pine post 4 ft long 6 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3228 I,
- whence a sandstone rock 12 x 10 x 7 ins high and chiseled BR x 4-3228 brs N 57° 45' W 22.1 ft., and a second sandstone rock 26 x 14 x 11 ins high with like chiseling brs S 33° 13' W 24.0 ft.
- thence N 23° 32' E
- 3.1 to Cor No 4 Sur No 276 Modoc lode,
- 62.2 intersect line 3-4 Sur No 751 Moonlight lode, at N 76° 44' W 8.1 ft from Cor No 3, and 0.16 ft from the intersection of said line 3-4 Moonlight lode with line 4-5 Modoc lode Sur No 276., and S 76° 44' E 291.9 ft from Cor No 4,
- 1137.4 intersect tracks of railroad running from Tombstone to Pump Shaft,
- 1353.7 to Cor No 1, the place of the beginning.

## MICHIGAN.

Beginning at Cor No 1, the S E Cor, identical with location and situated on line 4-1 Buffalo lode of this survey at N 65° 29' W 56.6 ft from Cor No 1,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 M,

the 1/4 Cor between Secs 13 and 14, T 20 S, R 22 E, G & S R B & M brs S 33° 35' W 554.1 ft. No bearings available.

thence N 65° 29' W

- 252.4 to north end center Buffalo lode of this survey,
- 290.0 intersect line 3-4 Sur No 795 Morning Star lode at S 21° 55' W 250.2 ft from Cor No 4, and N 21° 55' E 1163.4 ft from Cor No 3,
- 300.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-M-3228,
- 336.8 intersect the section line between Secs 13 and 14, T 20 S, R 22 E, at S 0° 0' 30" W 2049.0 ft from the Cor of Secs 11, 12, 13 and 14, and N 0° 0' 30" E 601.3 ft from the 1/4 Cor between Secs 13 and 14,
- 561.4 to Cors No 1 and 4 of Southern Belle lode and Buffalo lodes of this survey, respectively,
- 600.0 to Cor No 2, the S W Cor, identical with location and with Cor No 3 Illinois lode of this survey, heretofore described to which I add 2-3228 M for this claim,
- thence N 23° 32' E
- 600.0 intersect the section line between Secs 13 and 14 T 20 S, R 22 E, at S 0° 0' 30" W 1389.7 ft from the Cor of Secs 11, 12, 13 and 14, and N 0° 0' 30" E 1260.6 ft from the 1/4 Cor between Secs 13 and 14,
- 1167.4 cross tracks of railroad running from Tombstone to Pump Shaft,
- 1353.7 to Cor No 3, the N W Cor, identical with location and with Cor No 1 Cornell lode of this survey, heretofore described to which I add 3-3228 M for this claim.
- thence S 65° 29' E
- 250.0 cross tracks of railroad running from Tombstone to Pump Shaft,
- 300.0 to original location for north end center, identical with south end center Cornell lode of this survey, heretofore described to which I add NECT-M-3228 for this claim,
- 423.6 intersect line 2-3 Sur No 858 Belcher lode at S 12° 21' E 601.2 ft from Cor No 2, and N 12° 21' W 817.3 ft from Cor No 3,
- 600.0 to Cor No 4, the N E Cor, identical with location and with Cor No 4 Cornell lode of this survey, heretofore described to which I add 4-3228 M for this claim.
- thence S 23° 32' W
- 240.8 intersect line 2-3 Sur No 858 Belcher lode at S 12° 21' E 902.1 ft from Cor No 2, and N 12° 21' W 516.4 ft from Cor No 3,

1086.2 intersect line 4-6 Sur No 795 Morning Star lode at S 68° 52' E 297.3 ft from Cor No 4 and N 68° 52' W 300.8 ft from Cor No 6,

1353.7 to Cor No 1, the place of the beginning.

SOUTHERN BELLE.

Beginning at Cor No 1, the N E Cor, identical with location and with Cor No 4 Buffalo lode of this survey, and situated on line 1-2 Michigan lode of this survey at S 65° 29' E 38.6 ft from Cor No 2,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 SB,

whence a shale rock 20 x 24 x 11 ins high and chiseled BR x 1-3228 brs N 82° 22' W 28.1 ft., and a second shale rock 27 x 24 x 8 ins high with like chiseling brs S 77° 49' W 21.8 ft.

The 1/4 Cor between Secs 13 and 14 T 20 S, R 22 E, G & S R B & M brs S 16° 23' E 724.0 ft.

thence S 38° 52' W

1487.0 to Cor No 2, the S E Cor, identical with location and with Cor No 3 Buffalo lode of this survey, and situated on the north side line of the Mellgren lode, unsurveyed,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3228 SB, No bearings available.

thence N 65° 29' W

309.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-SB-3228,

475.7 intersect line 2-3 Sur No 540 Grand Dipper lode at S 35° 31' W 35.6 ft from Cor No 2, and N 35° 31' E 1176.4 ft from Cor No 3,

618.0 to Cor No 3, the S W Cor, identical with location and with Cor No 3 Gen No 144 South Extension of the Grand Central lode, and situated on line 1-2 Sur No 540 Grand Dipper lode at N 78° 41' W 153.1 ft from Cor No 2, and S 78° 41' E 147.3 ft from Cor No 1,

a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 3-3228 SB. No bearings available.

thence N 38° 52' E

8.0 along line 3-2 Gen No 144 South Extension of the Grand Central lode to Cor No 6 Sur No 815 Southern Belle lode, ( Cor No 2 Sur No 815 Southern Belle lode brs from this point S 89° 39' E 588.6 ft., and Cor No 1 of said survey brs S 89° 39' E 294.0 ft.)

1471.5 to Cor No 5 Sur No 815 Southern Belle lode,

1487.0 to Cor No 4, the N W Cor, identical with location, and with Cors No 2 and 2 of Sur No 751 Moonlight lode and Gen No 144 South Extension of the Grand Central lode, respectively, on line 4-3 Illinois lode of this survey S 65° 29' E 20.6 ft from Cor No 4,

a pine post 4 ft long 6 ins sq set 18 ins in the ground in a mound of stones and scribed 4-3228 SB. No bearings available.

thence S 65° 29' E

- 21.7 intersect line 3-4 Sur No 276 Modoc lode at S 61° 18' E 42.5 ft from Cor No 4, and N 61° 18' W 498.9 ft from Cor No 3, and intersection of said line 3-4 Modoc lode with line 4-5, Sur No. 815 Southern Belle lode, <sup>9 4.5 ft respectively,</sup>
- 26.9 intersect line 4-5 Sur No 815 Southern Belle lode at S 88° 28' W 290.9 ft from Cor No 4, and N 88° 28' E 34.2 ft from Cor No 5, and .75 ft. from intersection of said line 4-5 Southern Belle lode with line 3-4 Modoc lode, Sur. No. 276.
- 279.4 to south end center Illinois lode of this survey,
- 309.0 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NECT-SB-3228,
- 518.3 intersect line 2-3 Sur No 276 Modoc lode at N 22° 54' E 36.4 ft from Cor No 3, and S 22° 54' W 1459.5 ft from Cor No 2,
- 579.4 to Cors No 3, 5, 3 and 2 of Illinois lode of this survey, Sur No 758 Michigan Central lode, Sur No 815 Southern Belle lode, and Michigan lode of this survey, Cor No 2 said Southern Belle lode brs S 43° 27' W 1260.1 ft.
- 618.0 to Cor No 1, the place of the beginning.

BUFFALO.

Beginning at Cor No 1, the N E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 1-3228 B, no bearings available,

the 1/4 Cor between Secs 13 and 14, T 20 S, R 22 E, G & S R B & M brs S 39° 15' W 565.8 ft.

thence S 38° 52' W

- 570.5 intersect the section line between Secs 13 and 14, T 20 S, R 22 E, at S 0° 06' W 6.0 ft from the 1/4 Cor between Secs 13 and 14, and N 0° 06' E 2639.4 ft from the Cor of Secs 13, 14, 23 and 24,
- 1187.3 intersect line 3-4 Sur No 795 Morning Star lode at N 21° 55' E 12.1 ft from Cor No 3, and S 21° 55' W 1401.5 ft from Cor No 4,
- 1272.7 intersect line 2-3 Sur No 810 Bunker Hill lode at S 87° 46' W 79.6 ft from Cor No 3, and N 87° 46' E 761.8 ft from the line post on line 2-3,
- 1356.5 intersect line 3-4 Sur No 759 Wide West lode at N 84° 25' E 79.8 ft from Cor No 3, and S 84° 25' W 1274.9 ft from Cor No 4,
- 1470.3 intersect line 3-2-7 Sur No 759 Wide West lode at S 5° 40' E 81.2 ft from Cor No 3, and N 5° 40' W 518.8 ft from Cor No 7,
- 1487.0 to Cor No 2, the S E Cor, identical with location, a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed 2-3228 B, no bearings available.

thence N 65° 29' W

- 309.0 to original location for south end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed SECT-B-3228,



- 358.8 intersect line 2-3 Sur No 810 Bunker Hill lode at S 87° 46' W 540.8 ft from Cor No 3, and N 87° 46' E 300.6 ft from the line post on line 2-3, also located for north-east corner of Mellgren lode, unsurveyed,
- 618.0 to Cor No 3, the S W Cor, identical with location, and with Cor No 2 Southern Belle lode of this survey, heretofore described to which I add 3-3228 B for this claim,  
thence N 38° 52' E
- 1487.0 along line 2-1 Southern Belle lode of this survey, to Cor No 4, the N W Cor, identical with location and with Cor No 1 Southern Belle lode of this survey, heretofore described to which I add 4-3228B for this claim,  
thence S 65° 29' E
- 224.6 intersect the section line between Secs 13 and 14, T 20 S, R 22 E at S 0° 0' 30" W 2049.0 ft from the Cor of Secs 11, 12, 13 and 14, and N 0° 0' 30" E 601.3 ft from the 1/4 Cor between Secs 13 and 14,
- 261.4 to south end center Michigan lode of this survey,
- 271.4 intersect line 3-4 Sur No 795 Morning Star lode at S 21° 55' W 250.2 ft from Cor No 4, and N 21° 55' E 1163.4 ft from Cor No 3,
- 309.0 to original location for north end center, being a pine post 4 ft long 4 ins sq set 18 ins in the ground in a mound of stones and scribed NE04-B-3228,
- 561.4 to Cor No 1, Michigan lode of this survey,
- 618.0 to Cor No 1, the place of the beginning.

## LODE LINES.

## HOUGHTON.

The presumed course of the vein on this claim is from the south end center N 32° 47' E 1500.0 ft.

## CORNELL.

The presumed course of the vein on this claim is from the south end center N 24° 13' E 1306.0 ft.

## ILLINOIS.

The presumed course of the vein on this claim is from the north end center S 23° 32' W 1353.7 ft.

## MICHIGAN.

The presumed course of the vein on this claim is from the north end center S 23° 32' W 1353.7 ft.

## SOUTHERN BELLE.

The presumed course of the vein on this claim is from the north end center S 38° 52' W 1487.0 ft.

## BUFFALO.

The presumed course of the vein on this claim is from the north end center S 38° 52' W 1487.0 ft.

AREAS.

Total area Houghton lode-	- - - - -	-20.446 A.
Total area Cornell lode - - - - -	- - - - -	-17.988 A.
Area in conflict with Sur No		
858 Belcher lode - - - - -	- - - - -	6.310 A.
Total area Michigan lode- - - - -	- - - - -	-18.643 A.
Area in conflict with Sur No		
795 Morning Star lode- - - - -	- - - - -	1.744 A.
Area in conflict with Sur No		
858 Belcher lode - - - - -	- - - - -	0.488 A.
Total area Illinois lode- - - - -	- - - - -	-18.643 A.
Area in conflict with Sur No		
758 Michigan Central lode- - - - -	- - - - -	-18.643 A.
Area in conflict with Sur No		
276 Modoc lode, common with		
Sur No 758 Michigan Central		
lode. - - - - -	- - - - -	-16.459 A.
Area in conflict with Sur No		
751 Moonlight lode, common		
with Sur No 758 Michigan		
Central lode- - - - -	- - - - -	0.021 A.
Area in conflict with Sur No		
751 Moonlight lode, common		
with Sur No 758 Michigan		
Central lode and Sur No 276		
Modoc lode- - - - -	- - - - -	0.020 A.
Area in conflict with Sur No		
815 Southern Belle lode,		
common with Sur No 758		
Michigan Central lode - - - - -	- - - - -	0.810 A.
Area in conflict with Sur No		
815 Southern Belle lode,		
common with Sur No 758		
Michigan Central lode and		
Sur No 276 Modoc lode - - - - -	- - - - -	0.791 A.
Total area Southern Belle lode- - - - -	- - - - -	-20.438 A.
Area in conflict with Sur No		
815 Southern Belle lode- - - - -	- - - - -	-15.741 A.
Area in conflict with Sur No		
540 Grand Dipper lode - - - - -	- - - - -	0.057 A.
Area in conflict with Sur No		
276 Modoc lode- - - - -	- - - - -	0.207 A.
Area in conflict with Sur No		
815 Southern Belle and		
Sur No 276 Modoc lodes		
common- - - - -	- - - - -	0.207 A.
Total area of Buffalo lode- - - - -	- - - - -	-20.438 A.
Area in conflict with Sur No		
795 Morning Star lode - - - - -	- - - - -	4.576 A.
Area in conflict with Sur No		
810 Bunker Hill lode- - - - -	- - - - -	0.855 A.
Area in conflict with Sur No		
759 Wide West lode, also		
common with Sur No 810		
Bunker Hill lode- - - - -	- - - - -	0.074 A.

IMPROVEMENTS.

I certify that the value of the labor and improvements made upon each of the locations embraced in this survey, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of:-

HOUGHTON.

No.1. Discovery shaft 4 x 6 x 28 ft deep, brs from south end center on lode line 88 ft. Value \$250.00

No.2.	Trench 5 x 5 x 34 ft long, brg S 35° 01' E crosses end line at S 65° 29' E 31.2 ft from south end center. 27 ft of trench on this claim allotted thereto, remaining 7 ft on Cornell lode	Value	\$108.00
No.3.	Shaft 4 x 6 x 48 ft deep brs from point on line 1-2 at N 32° 47' E 661.5 ft from Cor No 1, S 55° 57' E 441.0 ft.	Value	\$450.00
No.4.	Shaft 4 x 6 x 22 ft deep brs from same point S 55° 56' E 460.0 ft.	Value	\$175.00
No.5.	Shaft 4 x 6 x 9 ft deep brs from same point S 51° 47' E 452.0 ft.	Value	\$ 60.00
No.6.	Shaft 4 x 6 x 10 ft deep brs from same point S 52° 24' E 470.0 ft.	Value	<u>\$ 60.00</u>
	Total improvements on claim		\$1103.00

## CORNELL.

No.1.	Discovery shaft 4 x 6 x 18 ft deep brs from south end center on lode line 155 ft.	Value	\$ 185.00
No.2.	Open cut 4 x 6 x 34 ft long brg S 58° W brs from point on line 1-2 at N 24° 13' E 450.4 ft from Cor No 1, N 59° 06' E 150.8 ft.	Value	\$ 175.00
No.3.	Shaft 4 x 6 x 9 ft deep brs from same point, N 34° 58' E 92.6 ft.	Value	\$ 75.00
No.4.	Shaft 4 x 6 x 8 1/2 deep brs from point on line 1-2 at N 24° 13' E 1047.4 ft from Cor No 1, S 40° 23' E 123.0 ft.	Value	\$ 50.00
No.5.	7 ft of improvement No 2 on Houghton lode of this survey, allotted to this claim	Value	<u>\$ 28.00</u>
	Total improvements on claim		\$ 513.00

## ILLINOIS.

No.1.	Discovery shaft 4 x 6 x 47 ft deep brs from north end center on lode line 571.4 ft	Value	\$ 450.00
No.2.	Shaft 4 x 8 x 300 ft deep brs from point on line 4-1 at N 23° 32' E 872.7 ft from Cor No 4, N 76° 01' E 143.0 ft.	Value	\$5250.00
No.3.	Open cut trench, 5 x (2-7) x 17 ft long open cut with trench at face 4 x 5 1/2 x 12 ft long, both brg S 53° 51' W, the mouth of open cut brs from same point S 77° 01' E 132.5 ft.	Value	\$ 115.00
No.4.	Shaft 5 x 5 x 9 ft deep brs from same point S 55° 54' E 89.0 ft.	Value	\$ 50.00
No.5.	Open cut 4 x 8 x 23 ft long brg N 5° W brs from point on line 2-3 at S 23° 32' W 1021.9ft from Cor No 2, N 50° 19' W 341.2 ft.	Value	\$ 100.00
No.6.	Shaft 4 x 6 x 9 ft deep brs from point on line 4-1 at N 23° 32' E 363.7 ft from Cor No 4, S 15° 14' E 169.8 ft.	Value	<u>\$ 50.00</u>
	Total improvements on claim		\$6015.00

## MICHIGAN.

No.1.	Discovery shaft 4 x 6 x 20 ft deep brs on lode line 5 ft from north end center.	Value	\$ 160.00
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## MICHIGAN (Cont'd.)

No.2.	Incline shaft 5 x 6 x 33 ft deep, brg S 36° E, incline 45°, brs from Cor No 3 S 53° 09' E 127.2 ft.	Value	\$330.00
No.3.	Shaft 4 x 6 x 8 ft deep brs from point on line 2-3 at N 23° 32' E 1167.4 ft from Cor No 2, S 34° 16' E 276.9 ft.	Value	\$ 35.00
No.4.	Trench 4 x 13 x 5 ft deep brs from same point S 28° 14' E 266.9 ft.	Value	\$ 50.00
No.5.	Shaft 4 x 6 x 10 ft. deep brs. from point on line 2-3 at N 23° 32' E 721.5 ft from Cor No 2, S 86° 26' E 213.0 ft.	Value	\$ 50.00
Total improvements on claim			\$625.00

## SOUTHERN BELLE.

No.1.	Discovery shaft 4 x 6 x 10 ft deep brs from north end center on lode line 750.0 ft.	Value	\$ 75.00
No.2.	Shaft 4 x 6 x 10 ft deep brs from north end center S 86° 34' W 151.5 ft.	Value	\$ 75.00
No.3.	Shaft 4 x 6 x 62 ft deep brs from north end center S 62° 41' W 236.1 ft.	Value	\$620.00
No.4.	Shaft 4 x 6 x 65 ft deep brs from north end center S 7° 53' W 280.3 ft.	Value	\$650.00
No.5.	Shaft 4 x 18 x 5 ft deep, with shaft in bottom 4 x 6 x 3 ft deep brs from north end center S 21° 42' W 316.1 ft.	Value	\$135.00
No.6.	Shaft 4 x 6 x 13 ft deep, brs from point on line 3-4 at N 38° 52' E 1025.6 ft from Cor No 3, S 42° 27' E 172.3 ft.	Value	\$100.00
No.7.	Shaft 5 x 6 x 30 ft deep brs from point on lode line 1027.4 ft from north end center, N 3° W 41.0 ft.	Value	\$300.00
No.8.	Shaft 4 x 6 x 8 ft deep brs from same point N 83° 48' E 52.3 ft.	Value	\$ 60.00
No.9.	Shaft 4 x 6 x 13 ft deep brs from same point S 83° 48' W 35.0 ft.	Value	\$100.00
No.10.	Shaft 4 x 6 x 13 ft deep brs from same point S 21° 56' E 124.0 ft.	Value	\$100.00
No.11.	Shaft 4 x 6 x 50 ft deep brs from point on line 1-2 at S 38° 52' W 1031.2 ft from Cor No 1, N 81° 13' W 50.0 ft.	Value	\$500.00
Total improvements on claim			\$2715.00

## BUFFALO.

No.1 dis.	Shaft 4 x 6 x 10 ft deep brs from north end center on lode line 645.0 ft.	Value	\$ 75.00
No.2.	Shaft 4 x 6 x 17 ft deep brs from north end center on lode line 570.0 ft.	Value	\$ 145.00
No.3.	Open cut 4½ x 6 x 15 ft long brg S 45° E, the mouth of open cut brs from point on lode line 703.4 ft. from north end center N 74° 48' E 67.2 ft.	Value	\$ 65.00

## BUFFALO (Cont'd.)

No.4.	Open cut 5 x 7 x 19 ft long brg S 45° E, the mouth of which brs from same point S 86° 08' E 90.3 ft.	Value	\$ 90.00
No.5.	Shaft 4 x 6 x 11 ft deep brs from same point S 21° 08' E 110.0 ft.	Value	\$ 85.00
No.6.	Open cut 16 x (8-8) x 35 ft long brg N 73° W, the mouth of which brs from a point on line 3-4 at N 38° 52' E 455.8 ft from Cor No 3, N 74° 31' E 121.0 ft.	Value	\$ 855.00
No.7.	Open cut 4 x 10 x 12 ft long brg N 82° W, the mouth of which brs from point on line 3-4 at N 38° 52' E 1079.8 ft from Cor No 3, S 53° 53' E 107.2 ft.	Value	\$ 75.00
No.8.	Shaft 4 x 6 x 19 ft deep brs from north end center S 68° 21' W 81.3 ft.	Value	\$ 150.00
	Total improvements on claim		\$1540.00
	Total improvements on group		\$12,511.00

## ADJOINING CLAIMS.

- East. Sur No 858 Belcher lode, Sur No 795 Morning Star lode, and Sur No 759 Wide West lode.
- South. Sur No 810 Bunker Hill lode, Sur No 540 Grand Dipper lode, and Mellgren lode, unsurveyed, owned by V. Mellgren.
- West. Gen No 254<sup>Lot No 70.</sup> Cincinnati lode, Gen No 213<sup>Lot No 58</sup> New Year lode, Gen No 143<sup>Lot No 44</sup> Grand Central lode, Gen No 144<sup>Lot No 45</sup> South Extension of the Grand Central lode, and Sur No 751 Moonlight lode, Sur No 815 Southern Belle, Sur No 276 Modoc lode, and Sur No 758 Michigan Central lode.

## LOCATION.

This survey is located in the Tombstone Mining District, Cochise County, Arizona, in Sections 12, 13 and 14, Tp 20 S, R 22 E, G & S R B & M.

## INSTRUMENT.

This survey was made with a C. L. Berger & Sons No 1 C transit. The courses were deflected from the true meridian as determined by a Solar observation. The distances were measured with a 300 ft steel tape. Magnetic variation 12° 15' East at all corners.

## REPORT.

Cor of Secs 11, 12, 13 and 14, T 20 S, R 22 E, is a sandstone rock 12 x 8 x 8 ins above ground, chiseled I on east face, IIII on south face. A monument of rocks 2 ft west.

1/4 Cor between Secs 13 and 14 is a quartzite rock 6 x 7 x 20 ins high, not set in ground but in a small mound of rocks. Chiseled 1/4 on west face. A monument of rocks 5 ft west.

Cor of Secs 13, 14, 23 and 24 is a limestone rock 7 x 8 x 6 ins above ground chiseled I on east face, III on south face. A monument of rocks 4 ft west.

1/4 Cor between Secs 12 and 13 is a sandstone rock 12 x 8 x 7 ins above ground, chiseled 1/4 on north face. A monument of rocks 2 ft north.

## REPORT (Cont'd.)

- Gen. No. 143. Grand Central lode.  
 Cor No 2 is a 2 x 6" post scribed G C No. 2.  
 Cor No 3 is a 6 x 6" post scribed G C No. 3.-S E C.  
 I find line 2-3 to be S 23° 32' W 1493.5 ft instead  
 of S 23° 14' W 1499.19' ft.
- Gen. No. 144. South Extension of the Grand Central lode.  
 Cor No 2 is a 6 x 6" post scribed S E C No 2 - GCX  
 Cor No 3 was a monument of rocks,  
 I find line 2-3 to be S 38° 52' W 1487.0 ft instead  
 of S 37° 25' W 1499.52' ft.
- Gen. No. 213. New Year lode.  
 Cor No 1 is a 4 x 4" post scribed N Y I,  
 Cors No 2 and 6 are 4 x 4" posts not scribed.  
 Cor No 3 was a monument of rocks, part of old post  
 remaining.  
 Cor No 4 is a 4 x 4" post scribed N Y IV  
 I find line 1-2 to be S 65° 29' E 300.0 ft instead  
 of S 66° 15' E 300.0 ft.  
 I find line 2-3 to be N 24° 13' E 1306.0 ft instead  
 of N 23° 15' E 1312.0 ft.  
 I find line 3-4 to be N 65° 29' W 298.0 ft instead  
 of N 66° 15' W 300.0 ft.  
 I find line 6-1 to be S 65° 29' E 300.0 ft instead  
 of S 66° 15' E 300.0 ft.
- Gen. No. 254. Cincinnati lode.  
 Cors No 1 and 2 are monument of rocks.  
 I check line 1-2 in course but find distance to be  
 1517.4 instead of 1515.36' ft.
- Sur. No. 276. Modoc lode.  
 Cors No 2, 3, 4 and 5 are 4 x 4" posts scribed MMC  
 No 2, MMC No 3, MMC No 4, MMC No 5, respectively.  
 I find line 2-3 to be S 22° 54' W 1495.9 ft instead  
 of S 22° 59' W 1500.0 ft.  
 I find line 3-4 to be N 61° 18' W 541.4 ft instead  
 of N 61° 18' W 540.0 ft.  
 I find line 4-5 to be N 23° 41' E 1493.4 ft instead  
 of N 23° 40' E 1498.5' ft.
- Sur. No. 540. Grand Dipper lode.  
 Cors No 1, 2 and 3 are 6 x 6" posts scribed GDMCNo1,  
 GDMCNo2, and GDMCNo3, respectively.  
 I find line 1-2 to be S 78° 41' E 300.4 ft instead  
 of S 78° 14' E 300.0 ft.  
 I find line 2-3 to be S 35° 31' W 1212.0 ft instead  
 of S 35° 53' W 1212.0 ft.
- Sur No. 751. Moonlight lode.  
 Cors 2, 3 and 4 are pine posts scribed MMCNO.II,  
 MMCNO. III, and MMCNO. IV, respectively,  
 I find line 2-3 to be N 12° 22' E 65.2 ft instead  
 of N 12° 45' E 66.0 ft.  
 I find line 3-4 to be N 76° 44' W 300.0 ft instead  
 of N 77° 15' W 300.0 ft.
- Sur No. 758 Michigan Central lode.  
 All corners are 4 x 4" posts not scribed.  
 I find line 1-2 to be N 65° 29' W 300.0 ft instead  
 of N 65° 04' W 300.0 ft.  
 I find line 2-3 to be S 23° 32' W 1353.7 ft instead  
 of S 23° 35' W 1360.0 ft.  
 I find line 3-4 to be S 65° 29' E 300.0 ft instead  
 of S 65° 04' E 300.0 ft.  
 I find line 4-5 to be S 65° 29' E 300.0 ft instead  
 of S 65° 04' E 300.0 ft.

Sur. No. 758. Michigan Central lode. (Cont'd.)  
 I find line 5-6 to be N 23° 32' E 1353.7 ft instead  
 of N 23° 35' E 1360.0 ft.  
 I find line 6-1 to be N 65° 29' W 300.0 ft instead  
 of N 65° 04' W 300.0 ft.

Sur. No. 759. Wide West lode.  
 Cor No 2 is a monument of rocks.  
 Cors No 3 and 4 are 4 x 4" posts scribed W W M C No  
 3 and W W M C No 4, respectively,  
 I check line 2-3 in course and distance.  
 I find line 3-4 to be N 84° 25' E 1354.7 instead  
 of N 84° 20' E 1358.0 ft.

Sur. No. 795 Morning Star lode.  
 Cor No 3 is a monument of rocks.  
 Cors No 4 and 6 are 4 x 4" posts scribed MSMC No.4.,  
 and MSMC No.6, respectively,  
 Cor No 5 is missing.  
 I find line 3-4 to be N 21° 55' E 1413.6 ft instead  
 of N 21° 56' E 1420.0 ft.  
 I find line 4-6 to be S 68° 52' E 598.1 ft instead  
 of S 68° 04' E 600.0 ft.

Sur. No. 810. Bunker Hill lode.  
 Cor No 2 is missing.  
 Line post is a 4 x 4" post scribed B H M C N S LINE.  
 Cor No 3 is a 4 x 4" post scribed B H M C N 3.  
 I check line 3 to line post in course and find  
 distance to be 841.4 ft.

Sur. No. 815. Southern Belle lode.  
 Cors 1, 2, 5 and 6 are monuments of rocks.  
 Cors 3 and 4 are 4 x 4" posts not scribed.  
 I find line 1-2 to be S 89° 39' E 294.6 ft instead  
 of S 89° 21' E 300.0 ft.  
 I find line 2-3 to be N 43° 47' E 1260.1 ft instead  
 of N 43° 17' E 1252.7 ft.  
 I find line 3-4 to be N 41° 48' W 317.4 ft instead  
 of N 38° 37' W 295.0 ft.  
 I find line 4-5 to be S 88° 28' W 325.1 ft instead  
 of N 89° 21' W 351.0 ft.  
 I find line 5-6 to be S 38° 52' W 1463.5 ft instead  
 of S 38° 50' W 1463.5 ft.  
 I find line 6-1 to be S 89° 39' E 294.0 ft instead  
 of S 89° 21' E 294.0 ft.

Sur. No. 858 Belcher lode.  
 Cors No 1, 2, 3 and 6 are monuments of rocks.  
 Cors No 4 and 5 are 4 x 4" posts scribed B M C N 4,  
 and B M C N 5, respectively,  
 I find line 1-2 to be S 77° 38' W 300.0 ft instead  
 of S 77° 30' W 300.0 ft.  
 I find line 2-3 to be S 12° 21' E 1418.5 ft instead  
 of S 12° 30' E 1421.5 ft.  
 I find line 5-6 to be N 12° 15' W 1422.2 ft instead  
 of N 12° 30' W 1421.5 ft.  
 I find line 6-1 to be S 77° 38' W 300.0 ft instead  
 of S 77° 30' W 300.0 ft.

*Ralph L. Mohr*  
 U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

November 10, 1915.

.....

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz,

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.....

Bunker Hill Mines Company

known as the Buffalo, Southern Belle, Michigan, Illinios, Cornell, Houghton.

and showing the respective capacities in which they acted.

P. H. Halleck....., Chainman.

....., Chainman.

....., Axman.

....., Flagman.

## FINAL OATHS OF ASSISTANTS.

~~We~~ I, P. H. Halleck,.....

~~and~~....., do solemnly swear that ~~we~~ <sup>I</sup> assisted.....

Ralph L. Motz....., United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of.....

Bunker Hill Mines Company

known as the Buffalo, Southern Belle, Michigan, Illinios, Cornell, Houghton

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~~ <sup>my</sup> 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.

P. H. Halleck....., Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 24th.....

day of August, 1915,....., 190.....

J. W. Poew

Notary Public in and for the County of Cochise, State of Arizona.

My commission expires February 21st, 1916.



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Ralph L. Motz, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated July 12th, 1915, 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 Bunker Hill Mines Company, known as the Buffalo, Southern Belle, Michigan, Illinois, Cornell, Houghton, situate in Tombstone Mining District, Cochise County, Arizona, in Sections 12, 13, 14, Township No. 20 S., Range No. 22 E. G & S R B & N. and designated as Survey No. 3228, 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.

Ralph L. Motz
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz, U. S. Deputy Mineral Surveyor, before me J. W. Ross, Notary Public this 10th day of November, 1915.

JW Ross
Notary Public in and for the County of Cochise, State of Arizona. My commission expires February 21st, 1916.

AMENDED NOTICE OF MINING LOCATION  
LODE CLAIM

JUL 12 1915

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "BUFFALO" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1500 feet, and we claim 645 feet of the lode in a Northeasterly direction and 855 feet of the lode in a Southwesterly direction from the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Northeast to the Southwest.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 2000 feet in a Southeasterly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the North by the "Michigan," an unsurveyed mining claim, on the East by the "Morning Star," Survey No. 795, on the South by "Bunker Hill," Survey No. 810, on the West by the "Southern Belle," an unsurveyed mining claim, and lies in sections 13 and 14, Township 20 South, Range 22 East, Gila and Salt River Base and

Meridian.

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

Beginning at a monument of stones and a post in a Northeasterly direction 645 feet from the discovery shaft, (at which this notice is posted), being in the center of the North end line of said claim; thence Southeasterly 309 feet to a monument of stones and a post, being the North-east corner of said claim; thence Southwesterly 1500 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 309 feet to a monument of stones and a post, being in the center of the South end line of said claim; thence Northwesterly 309 feet to a monument of stones and a post, being the South-west corner of said claim; thence Northeasterly 1500 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Southeasterly 309 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "BUFFALO" mining claim, located by Henry Kinsley, Treasurer of The Tombstone Consolidated Mines Company, Limited, on the 5th day of October, 1904, and recorded in Book 32, Record of Mines, at page 254, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of June 1915.

BUNKER HILL MINES COMPANY,  
By E. G. Galt  
Superintendent

INDEXED  
2931  
TOMBSTONE, Cochise Co., ARIZ.

Filed and recorded at request of

Bunker Hill M Co

JUN 19 1915 A. D. 1915

at 4 P M.

Book 50 Record of Mines

Pages 305

Quin S. Murphy  
County Recorder

STATE OF ARIZONA

County of

I, Owen E. [unclear] Recorder in  
and for the County of [unclear] do hereby certify that the within instru-  
ment was filed for record at 4 o'clock,  
P. M., on this \_\_\_\_\_ day of

JUN 19 1915 and duly recorded

in Book No. 50 of  
Records of Cochise

County, Arizona, at pages 205

Witness my hand and official seal the day  
and year first above written.

Quin S. Murphy

County Recorder

By A. L. Hutchison  
Deputy

3

JUL 12 1915 21

AMENDED NOTICE OF MINING LOCATION  
LODE CLAIM

---

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "MICHIGAN" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June, 1915.

The length of this claim is 1400 feet, and we claim 5 feet of the lode in a Northeasterly direction and 1395 feet of the lode in a Southwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Northeast to the Southwest.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 2000 feet in an Easterly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the North by the "Cornell," an unsurveyed mining claim, on the East by the "Belcher," Survey No. 858, on the South by the "Morning Star," Survey No. 795, and the "Buffalo," an unsurveyed mining claim, and on the West by the "Illinois," an unsurveyed mining claim,

## AMENDED NOTICE OF MINING LOCATION

JUL 12 1915

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "SOUTHERN BELLE" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1500 feet long, and we claim 750 feet of the lode in a Northeasterly direction and 750 feet of the lode in a Southwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Northeast to the Southwest.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 1500 feet in a Southeasterly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the North by the "Illinois," an unsurveyed mining claim, on the South by the "Melgrin," an unsurveyed mining claim, and the "Grand Dipper," Survey No. 540, and on the West by the "South Extension of the Grand Central," Lot No. 43, and lies in Section 14, Township 20 South, Range 22 East, Gila and Salt River Base.

and Meridian.

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

Beginning at a monument of stones and a post in a Northeasterly direction 750 feet from the discovery shaft, (at which this notice is posted,) being in the center of the North end line of said claim; thence Southeasterly 309 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1500 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 309 feet to a monument of stones and a post, being in the center of the South end line of said claim; thence Northwesterly 309 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1500 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Southeasterly 309 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "SOUTHERN BELLE" mining claim, located by D. P. Rickey and Jerome Ackerson, on the 20th day of July, 1878, and recorded in Book 1, Transcribed Record of Mines, at page 275, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of

June

1915.

BUNKER HILL MINES COMPANY,

By

C. G. G. G.  
Superintendent

INDEXED

RECEIVED  
84348

RECORDERS OFFICE  
TOMBSTONE, Cochise Co., A. Z.

Filed and recorded at request of

*Quaker Hill M. Co.*

**JUN 19 1915** A. D. 1915

at 4 P. M.

Book 50 Record of Mines

Pages 222

*Qua E. Murphy*  
County Recorder

*Wm. C. Baker*  
Deputy

STATE OF ARIZONA

County of COCHISE

I, Owen E. McGinnis, County Recorder  
do hereby certify that the within instru-  
ment was filed in record at **JUN 19 1915**  
4 P. M.; on this 19 day of

and duly recorded

in Book No. 50 of

Record of Mines, records of Cochise

County, Arizona, a pages 222

Witness my hand and official seal the day  
and year first above written.

*Qua E. Murphy*  
County Recorder

By *Wm. C. Baker*  
Deputy



and lies in Sections 13 and 14, Township 20 South, Range 22 East, Gila and Salt River Base and Meridian.

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

Beginning at a monument of stones and a post in a Northeasterly direction 5 feet from the discovery shaft, (at which this notice is posted), being in the center of the North end line of said claim; thence Southeasterly 300 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1400 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being in the center of the South end line of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1400 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Southeasterly 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "MICHIGAN" mining claim, located by H. Kinsley, Treasurer of The Tombstone Consolidated Mines Company, Limited, on the first day of December, 1902, and recorded in Book 22, Record of Mines, at page 472, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of June 1915.

BUNKER HILL MINES COMPANY,

By

E. Grobe  
Superintendent

INDEXED 2953 COMPARED

Becker's Oil Co.  
TOMBSTONE, Cochise Co., Ariz.

Filed and recorded at request of

*Becker Oil Co.*

JUN 19 1915 A. D. 191

at *4 P. M.*

Book 50 Record of Mines

Pages 227

*Sam E. Murphy*

*Mary C. Barber*  
County Recorder

STATE OF ARIZONA

County of Cochise

I, Owen E. Murphy, County Recorder, do hereby certify that the within instrument was filed for record at *4* o'clock, *P.*M., on this

JUN 19 1915 day of

in Book No. *50* and duly recorded

Record of Mines records of Cochise

County, Arizona, a pages *227*

Witness my hand and seal the day and year first above written.

*Sam E. Murphy*

*Mary C. Barber*  
County Recorder

Deputy

## AMENDED NOTICE OF MINING LOCATION

JUL 12 1915

## LODE CLAIM

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "ILLINOIS" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1400 feet, and we claim 580 feet of the lode in a Northeasterly direction and 820 feet of the lode in a Southwesterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Northeast to the Southwest.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 1500 feet in an Easterly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the North by the "New Year," Lot No. 58, on the East by the "Michigan," an unsurveyed lode mining claim, on the South by the "Southern Belles," Survey No. 815, on the West by the "Moonlight," Survey No. 751, and the "Grand Central," Lot No. 42, and lies

in Sections 13 and 14, Township 20 South, Range 22 East, Gila and Salt River Base and Meridian.

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

Beginning at a monument of stones and a post in a Northerly direction 580 feet from the discovery shaft, (at which this notice is posted,) being in the center of the North end line of said claim; thence Southeasterly 300 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1400 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being in the center of the South end line of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1400 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Southeasterly 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "ILLINOIS" mining claim, located by E. B. Gage, on the 12th day of April, 1901, and recorded in Book 19, Record of Mines, at page 546, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of June 1915.

BUNKER HILL MINES COMPANY.

By



Superintendent

2945

INDEXED

Recorder & Office,  
TOMBSTONE, Cochise Co., Ariz.

Filed and recorded at request of

*Samuel Hill Mc*

JUN 19 1915 A. D. 191

at 4 P. M.

Book 50 Record of Mines

Pages 220

*Sam E. Murphy*  
County Recorder

STATE OF ARIZONA,  
County of Cochise

I, Owen E. Murphy, County Recorder do hereby certify that the within instrument was filed for record at \_\_\_\_\_ M., on this \_\_\_\_\_ day of \_\_\_\_\_

in Book 50 and duly recorded  
Record of Mines 220

of \_\_\_\_\_ records of Cochise  
County, Arizona, at pages 220  
Witness my hand and official seal the day  
and year first above written.

*Sam E. Murphy*  
County Recorder  
*W. J. Hutchinson*  
Deputy

AMENDED NOTICE OF MINING LOCATION

LODE CLAIM

JUL 12 1915

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "CORNELL" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1350 feet, and we claim 155 feet of the lode in a Southwesterly direction and 1195 feet of the lode in a Northeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Southwest to the Northeast.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 2200 feet in an Easterly direction from United States Mineral Monument No. 1 of said mining district, and lies in Sections 12 and 13, Township 20 South, Range 22 East, Gila and Salt River Base and Meridian.

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

Beginning at a monument of stones and a post in a Southwesterly direction 155 feet from the discovery shaft, (at which this notice is posted\*, being in the center of the South end line of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1350 feet to a monument of stones and a post, being the Northwest corner of said claim; thence Southeasterly 300 feet to a monument of stones and a post, being the center of the North end line of said claim; thence Southeasterly 300 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1350 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "CORNELL" mining claim, located by E. B. Gage, President of the Tombstone Consolidated Mines Company, Limited, on the 28th day of November, 1902, and recorded in Book 22, Record of Mines, at page 471, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner of said claim, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of June 1915.

BUNKER HILL MINES COMPANY,

By 

Superintendent

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Recorder's Office  
TOMBSTONE, Cochise Co., Ariz.

Filed and recorded at request of

Banker Hill & Co

at JUN 19 1915 A. D. 1915

4 P M.

Book 50 Record of Mines

Pages 211

Owen E. Murphy  
County Recorder

STATE OF ARIZONA  
County of COCHISE

I, Owen E. Murphy, County Recorder in  
and for the County and State aforesaid,  
do hereby certify that the within instru-  
ment was filed for record at 4 o'clock,  
P M., on this

JUN 19 1915 day of

Book No. 50 and duly recorded

Record of Mines 50 of

County, Arizona, at pages 211

Witness my hand and official seal the day  
and year first above written.

Owen E. Murphy  
County Recorder

By 32

Deputy



AMENDED NOTICE OF MINING LOCATION  
LODE CLAIM

JUL 12 1915

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the "HOUGHTON" Mining Claim, situate on lands belonging to the United States of America, and in which there is a vein or lode of mineral bearing rock in place, carrying gold, silver, copper and other valuable deposits, was entered upon and located for the purpose of exploration and purchase by the Bunker Hill Mines Company, a corporation, and citizen of the United States, the undersigned, on the 17 day of June 1915.

The length of this claim is 1500 feet, and we claim 88 feet of the lode in a Southwesterly direction and 1412 feet of the lode in a Northeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 300 feet in width of the surface grounds, on each side of the center of said claim. The general course of the claim and the lode therein is from the Southwest to the Northeast.

The claim is situated and located in the Tombstone Mining District, in Cochise County, in the State of Arizona, and the discovery shaft thereof is about 3000 feet in a Northeasterly direction from United States Mineral Monument No. 1 of said mining district, and is bounded on the South by the "Cornell," an unsurveyed mining claim, and the "New Year," Lot No. 58, and on the West by the "Cincinnati," Lot No. 70, and lies in Section 12, Township 20 South, Range 22 East.

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

Beginning at a monument of stones and a post in a Southerly direction 88 feet from the discovery shaft, (at which this notice is posted), being in the center of the South end line of said claim; thence Northwesterly 300 feet to a monument of stones and a post, being the Southwest corner of said claim; thence Northeasterly 1500 feet to a monument of stones and a post, being the Northwest corner of said claim; thence ~~South~~ Southeasterly 300 feet to a monument of stones and a post, being in the center of the North end line of said claim; thence Southeasterly 300 feet to a monument of stones and a post, being the Northeast corner of said claim; thence Southwesterly 1500 feet to a monument of stones and a post, being the Southeast corner of said claim; thence Northwesterly 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 under the provisions of Chapter One, of Title XXXIV, of the Revised Statutes of Arizona, 1913.

This is an amended location notice of the "HOUGHTON" mining claim, located by E. B. Gage, President, of the Tombstone Consolidated Mines Company, Limited, on the 28th day of November, 1902, and recorded in Book 22, Record of Mines, at page 470, in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made. And this amended location notice is made and posted by the present owner thereof, the Bunker Hill Mines Company, to correct errors in the description in the said original location notice, and without waiving any right, title or interest heretofore acquired by virtue of said original location.

Dated and posted on the ground this 17 day of June 1915.

BUNKER HILL MINES COMPANY,

By



Superintendent

INDEXED

2950

COMPARED

Recorder's Office,  
TOMBSTONE, Cochise Co., Ariz.

Filed and recorded at request of

*Bunch Hill A. Co.*

JUN 19 1915

A. D. 191

at

*4 P. M.*

Book 50 Record of Mines

Pages 224

*Owen E. Murphy*  
County Recorder

*Mary E. Barber*  
Deputy

STATE OF ARIZONA,

County of Coconino,

I, Owen E. Murphy, County Recorder in  
and for the County and State aforesaid,  
do hereby certify that the within instru-  
ment was filed for record at 4 o'clock,

P. M., on this \_\_\_\_\_ day of

JUN 19 1915 and duly recorded

in Book No. 50 of  
Record of Mines records of Cochise

County, Arizona, at pages 224

Witness my hand and official seal the day  
and year first above written.

*Owen E. Murphy*

County Recorder

*Mary E. Barber*  
Deputy

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

January 31, 1916

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

BUNKER HILL MINES COMPANY

known as the BUFFALO, SOUTHERN BELLE, MICHIGAN, ILLINOIS, CORNELL, HOUGHTON.

situate in TOMBSTONE

Mining District, COCHISE County, ARIZONA.

in Sections 12, 13, 14, Township No. 20 S., Range No. 22 E., and

designated as Survey No. 3228, 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 or for each of said mining claims by claimant or its grantors, and that said improvements consist of 31 shafts, 7 cuts and 3 trenches, total value \$12,511.

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,

January 31, 1916.

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

BUNKER HILL MINES COMPANY

known as the BUFFALO, SOUTHERN BELLE, MICHIGAN, ILLINOIS, CORNELL, HOUGHTON.

situate in TOMBSTONE Mining District, COCHISE County, ARIZONA.

in Sections 12, 13, 14, Township No. 20 S., Range No. 22 E., designated as Survey No. 3228

executed by Ralph L. Motz, U. S. Deputy Mineral

Surveyor, August 14-17, 1915, under my instructions dated

July 12, 1915, 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. Ingalls

U. S. Surveyor-General for Arizona.