

JAN 9 1920

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4-683

MINERAL SURVEY No. 3552.

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

ABE LINCOLN COPPER COMPANY.

KNOWN AS THE

BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN,
WOODROW WILSON and HUGHES Lodes,
Castle Creek Mining District,

Yavapai County, Arizona

Sections Approx. 34, 9 & 10, Township 8 N., Range 3 W., G. & S. R. M.
Unsurveyed.

Surveyed under instructions dated December 3, 1918.

by Samuel J. Paul,
U. S. Mineral Surveyor.

Claim located ~~(Andrew Jackson lode, January 1, 1916.
Tom Jefferson and
Abe Lincoln lodes, February 19, 1918.~~ See location notices.

Survey commenced December 19, 1918.

Survey completed January 2, 1919.

Address of claimant Chas. E. Nathhorst, Supt.,
Wickenburg, Arizona.

DATES OF AMENDED LOCATIONS.

~~Woodrow Wilson and Hughes lodes, July 17, 1917.~~

~~Broadway and Cum Bac lodes, November 12, 1918.~~

MINERAL SURVEY NO. 3552

Claims	M & B Desc.	Improvements	Loc. Notices
	Pg.	Pg.	Red Pg.
Abe Lincoln	5	11	4
Andrew Jackson	4	10	6
Broadway	1	9	1
Cum Bac	2	10	2
Hughes	7	11	8
Tom Jefferson	3	10	3
Woodrow Wilson	6	11	7

MINERAL SURVEY NO. 3552.

BROADWAY LODGE.

Beginning at Cor. No. 1.

Identical with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed B.1.3552, whence U.S.L.M. No. 1686 bears N.37° 06' 50"W. 573.63 ft. No bearing objects available.

FEET.

Thence N.33° 42' 50"E.

919.82 To Cor. No. 2.

Identical with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed B.2.3552. No bearing objects available.

Thence S.38° 33'E.

313.58 To E. E. C. of location, a monument of stone.

627.13 To Cor. No. 3.

Identical with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed B.3.3552. No bearing objects available.

Thence S.35° 20' 30"W.

911.94 To Cor. No. 4.

Identical with Cor. No. 1, Tom Jefferson lode of this survey, and with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed B.4.T.J.1.3552. No bearing objects available.

Thence S.51° 27'W.

578.72 To Cor. No. 5.

On line 4-1, Tom Jefferson lode of this survey.

Identical with Cor. No. 2, Cum Eac lode of this survey, and with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed E.5.C.B.2.3552.

No bearing objects available.

Thence N.38° 33'W.

800.00 To W. E. C. of location, a monument of stone.

331.95 Intersect line 1-2, Sur. No. 1686, Honey Suckle lode, at N.7° 49'W. 429.17 ft. from Cor. No. 2.

535.00 Gulch, drains Southerly.

552.19 Witness corner to Cor. No. 6.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.C.B.3.C.B.1.3552.

570.00 Gulch, drains Easterly.

600.00 To ^{True point for} Cor. No. 3.

SURVEY NO. 3552.

FEET.	In bottom of gulch, draining Southerly, where a permanent corner could not be set owing to the flood waters at rainy seasons.
	Identical with ^{True point for} Cor. No. 1, Cum Bac lode, of this survey and with a corner of the location, whence; Wit. Cor. heretofore described, brs. S. 38° 33' E. 46.81 ft.
	Two bearing rocks; - a $\frac{1}{2}$, and E.R.B. & C.E. 1. 3552 chiselled on faces of cliffs, bear N. 11° 40' E. 17.08 ft., and N. 80° 57' 20" W. 17.36 ft., respectively, from True corner point.

	Thence N. 51° 27' E. from True corner point.
159.37	Intersect line 1-2, Sur. No. 1686, Honey Suckle lode, at N. 7° 49' W. 741.02 ft. from Cor. No. 2.
578.72	To Cor. No. 1, the place of beginning.

	CUM BAC LODE.
	Beginning at ^{True point for} Cor. No. 1.
	Identical with ^{True point for} Cor. No. 6, Broadway lode, of this survey, heretofore described, and with a corner of the location, whence U. S. L. M. No. 1686 bears N. 7° 24' 50" E. 624.99 ft.
	Cor. No. 3, Sur. No. 1686, Honey Suckle lode, bears S. 26° 59' W. 802.94 ft.

	Thence S. 38° 33' E.
30.00	Gulch, drains Easterly.
46.81	Witness corner to Cor. No. 1, identical with Wit. Cor. to Cor. No. 6 Broadway lode, this survey, heretofore described.
65.00	Gulch, drains Southerly.
268.05	Intersect line 1-2, Sur. No. 1686, Honey Suckle lode, at N. 7° 49' W. 429.17 ft. from Cor. No. 2.
300.00	To E. E. C. of location, a monument of stone.
600.00	To Cor. No. 2.
	Identical with Cor. No. 5, Broadway lode, of this survey, heretofore described, and with a corner of the location.

	Thence S. 51° 27' W.
197.36	Intersect line 1-2, Sur. No. 1686, Honey Suckle lode, at N. 7° 49' W. 42.98 ft. from Cor. No. 2.
220.00	Gulch, drains Southeasterly.
281.4	Intersect line 2-3, Sur. No. 1686, Honey Suckle lode, at N. 82° 12' 20" E. 523 ft. from Cor. No. 3.
825.00	Wagon Road, in bottom of North Fork of Buckhorn Canyon, draining Easterly.
921.28	Cor. No. 4, Tom Jefferson lode, of this survey.
1500.00	To Cor. No. 3.
	Identical with a corner of the location.
	A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed C.E. 3. 3552.
	No tearing objects available.

	Thence N. 38° 33' W.
300.00	To W. E. C. of location, a monument of stone.
495.00	Wagon Road, in bottom of canyon, draining Southeasterly.

3

4

SURVEY NO. 3552.

FEET.	
600.00	To Cor. No. 4. Identical with a corner of the location. A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed C.B.4.2552, whence Two bearing rocks;- A +, and E.R.C.E.4.2552, chiselled on edge of cliff, bears S.79° 36' 30"E. 23.43 ft., and on a toulder, 14 x 22 x 10 ins. above ground, bears S.31° 04'W. 67.55 ft.

	Thence N.51° 27'E.
985.22	Intersect line 3-4, Sur. No. 1886, Honey Suckle lode, at N.8° 01' 40"W. 386.04 ft. from Cor. No. 3.
1500.00	To Cor. No. 1, the place of beginning.

	TOM JEFFERSON LODGE.
	Beginning at Cor. No. 1. Identical with Cor. No. 4, Broadway lode, of this survey, heretofore described, and with a corner of the location, whence U. S. L. M. No. 1886 bears N.37° 50' 50"W. 1173.54 ft.

	Thence S.38° 33'E.
300.00	To E. E. C. of location, a monument of stone.
600.00	To Cor. No. 2. Identical with Cor. Nos. 1 and 1 respectively, Andrew Jackson and Abe Lincoln lodes, of this survey, and with a corner of the location. A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed T.J.2.A.J.1.A.L.1.2552. No bearing objects available.

	Thence S.51° 27'W.
250.00	Wagon Road, in bottom of canyon, draining Southeasterly.
375.00	Wagon Road, in bottom of canyon, draining Northerly.
520.00	Bed of canyon, draining Easterly.
650.00	Wagon Road, bears Easterly and Westerly.
955.00	Wagon Road, bears Northwesterly and Southeasterly.
1400.00	Top of Ridge, bears Northwesterly and Southeasterly.
1500.00	To Cor. No. 3. Identical with Cor. No. 4, Andrew Jackson lode, of this survey, with the N.E. corner Anaconda lode, unsurveyed, W. M. Owens claimant, and with a corner of the location. A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed T.J.3.A.J.4.2552. No bearing objects available.

	Thence N.38° 33'W.
132.00	Top of Ridge, bears Easterly and Westerly.
300.00	W. E. C. of location, a monument of stone.
600.00	To Cor. No. 4. On line 2-3, Cum Bac lode, of this survey.

SURVEY NO. 3552.

FEET.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed T.J.4.3552.

No bearing objects available.

Thence N.51° 27'E.

- 96.28 Wagon Road, in bottom of canyón draining Easterly.
439.88 Intersect line 2-3, Sur. No. 1686, Honey Suckle lode, at S.82° 12' 20"W. 72.24 ft. from Cor. No. 2.
701.28 Gulch, drains Southerly.
723.92 Intersect line 1-2, Sur. No. 1686, Honey Suckle lode, at N.7° 49'W. 42.98 ft. from Cor. No. 2.
921.28 Cor. Nos. 5 and 2, respectively, Broadway and Cum Bac lodes of this survey, whence
Cor. No. 2, Sur. No. 1686, Honey Suckle lode, bears S.41° 58' 40"W. 222.41 ft.
1500.00 To Cor. No. 1, the place of beginning.

ANDREW JACKSON LODE.

Beginning at Cor. No. 1.

Identical with Cor. Nos. 2 and 1, respectively, Tom Jefferson and Abe Lincoln lodes, of this survey, heretofore described, and with a corner of the location, whence

U. S. L. M. No. 1686 bears N.38° 05' 10"W. 1773.51 ft.

Thence S.38° 33'E.

- 300.00 E. E. C. of location, a monument of stone.
445.00 Bottom of canyón, drains Easterly.
597.14 Intersect line 1-2, Woodrow Wilson lode, of this survey, at S.52° 00' 20"W. 295.05 ft. from Cor. No. 1.
600.00 To Cor. No. 2.

Identical with Cor. No. 4, Abe Lincoln lode, of this survey, and with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed A.J.2.A.L.4.3552.

No bearing objects available.

Thence S.51° 27'W.

- 498.00 N. E. Cor. McAdoo lode, unsurveyed, belonging to claimant herein.
836.60 Intersect line 2-3, Woodrow Wilson lode, of this survey, at S.26° 08' 40"W. 25.15 ft. from Cor. No. 2.
910.00 Top of Ridge, bears Northwesterly and Southeasterly.
1248.00 N. W. Cor. McAdoo lode, unsurveyed.
1390.00 Gulch, drains Southeasterly.
1500.00 To Cor. No. 3.

Identical with the S. E. Cor. Anaconda lode, unsurveyed, and with the N. E. Cor. Phoenix lode, unsurveyed, W. M. Owens claimant.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed A.J.3.3552, whence

SURVEY NO. 3552.

FEET.

A corner of the location bears S. 38° 33' E. 89 ft.
 Cor. No. 2, Woodrow Wilson lode of this survey, bears N. 50°
 33' 10" E. 486.22 ft.
 No bearing objects available.

 Thence N. 38° 33' W.

230.00 Gulch, drains Southeasterly.
 300.00 W. E. C. of location, a monument of stone.
 300.00 To Cor. No. 4.

Identical with Cor. No. 3, Tom Jefferson lode, of this sur-
 vey, heretofore described, and with a corner of the location.

 Thence N. 51° 27' E.

100.00 Top of Ridge, bears Northwesterly and Southeasterly.
 545.00 Wagon Road, bears Northwesterly and Southeasterly.
 850.00 Wagon Road, bears Northwesterly and Southeasterly.
 980.00 North Fork of Buckhorn Canyon, drains Easterly.
 1125.00 Wagon Road, in bottom of canyon, draining Northerly.
 1250.00 Wagon Road, in bottom of canyon, draining Southeasterly.
 1500.00 To Cor. No. 1, the place of beginning.

 ABE LINCOLN LODE.

Beginning at Cor. No. 1.
 Identical with Cor. Nos. 1 and 2, respectively, Andrew Jack-
 son and Tom Jefferson lodes of this survey, heretofore described
 and with a corner of the location, whence
 U. S. L. M. No. 1386 bears N. 38° 05' 10" W. 1773.51 ft.

 Thence N. 51° 27' E.

185.00 Gulch, drains Southerly.
 1458.65 To Cor. No. 2,
 A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the
 ground, with mound of stone, scribed A.L. 2.3552.
 No bearing objects available.
 Identical with a corner of the location.

 Thence S. 38° 33' E.

300.00 E. E. C. of location, a monument of stone.
 300.00 To Cor. No. 3.
 Identical with a corner of the location.
 A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the
 ground, with mound of stone, scribed A.L. 3.3552.
 No bearing objects available.

 Thence S. 51° 27' W.

1163.61 Cor. No. 1, Woodrow Wilson lode, of this survey.
 1253.6 North Fork of Buckhorn Canyon, drains southeasterly.
 1458.65 To Cor. No. 4.

Identical with Cor. No. 2, Andrew Jackson lode, of this sur-
 vey, heretofore described, and with a corner of the location.

 Thence N. 38° 33' W.

2.86 Intersect line 1-2 Woodrow Wilson lode of this survey, at S. 52° 00' 20" W. 295.05 ft. from Cor. No. 1.
 155.00 Bottom of canyon, drains Southeasterly.

SURVEY NO. 3552.

FEET.

300.00 W. E. C. of location, a monument of stone.

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

WOODROW WILSON LODGE.

Beginning at Cor. No. 1.

Identical with a corner of the location.

On line 3-4, Ate Lincoln lode, of this survey.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.1.3552, whence U. S. L. M. No. 1686 bears N.45° 17' 40"W. 2389.99 ft.

No bearing objects available.

Thence S.52° 00' 20"W.

90.00 ^{North Fork of Buckhorn Canyon} ~~Catch~~ drains Southeasterly.

295.05 Intersect lines 1-2 and 4-1, respectively, Andrew Jackson and Ate Lincoln lodes, of this survey, at N.38° 33'W. 2.66 ft. from Cor. Nos. 2 and 4.

1108.95 To Cor. No. 2.

Identical with a corner of the location.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.2.3552, whence

The N. E. Cor. McAdoo lode, unsurveyed, bears N.53° 23' 40" E. 316.06 ft. whence the S. E. Cor. McAdoo lode, unsurveyed, bears S.38° 33'E. 300 ft.

No bearing objects available.

Thence S.26° 08' 40"W.

25.15 Intersect line 2-3, Andrew Jackson lode, of this survey, at S.51° 27'W. 338.6 ft. from Cor. No. 2, and North Side line of McAdoo lode, unsurveyed, at S.51° 27'W. 338.6 ft. from N. E. corner.

100.00 Top of Ridge, bears Northwesterly and Southeasterly.

221.24 To Cor. No. 3.

Identical with a corner of the location.

On line 4-1, Hughes lode, of this survey.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.3.3552.

No bearing objects available.

Thence S.38° 33'E.

216.16 Intersect south side line McAdoo lode, unsurveyed, at S.51° 27'W. 515.88 ft. from S.-E. Cor.

300.00 W. E. C. of location, a monument of stone.

300.00 To Cor. No. 4.

On line 4-1, Hughes lode, of this survey.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.4.3552, whence

A corner of the location bears S.38° 33'E. 73.57 ft.

No bearing objects available.

SURVEY NO. 3552.

FEET. Thence N.26° 08' 40"E.

221.24 To Cor. No. 5.
A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.5.3552, whence
A corner of the location bears S.38° 33'E. 78.5 ft.
No bearing objects available.

Thence N.52° 00' 20"E.

425.00 Top of Ridge, bears Easterly and Westerly.

1108.95 To Cor. No. 6.
Identical with a corner of the location.
A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed W.W.6.3552.
No bearing objects available.

Thence N.38° 33'W.

180.00 North Fork of Buckhorn Canyon, drains Easterly.

300.00 E. E. C. of location, a monument of stone.

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

HUGHES LODGE.

Beginning at Cor. No. 1.
Identical with a corner of the location.
A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed H.1.3552, whence
U. S. L. M. No. 1688 bears N.15° 35' 50"W. 2636.64 ft.
The S. W. Cor. McAdoo lode, unsurveyed, bears S.5° 05'W.
339.28 ft.
The S. E. Cor. Phoenix lode, unsurveyed, bears S.3° 09' 10"W.
730.74 ft.
No bearing objects available.

Thence S.27° 02' 10"W.

257.11 Intersect W. end line McAdoo lode, unsurveyed, at N.38° 33'W.
139.29 ft. from S. W. Cor.

320.00 Gulch, drains Southeasterly.

533.87 Intersect Easterly end line, Phoenix lode, unsurveyed, at
N.38° 33'W. 324.91 ft. from S. E. Cor.

1100.00 Top of Ridge, bears Northwesterly and Southeasterly.

1176.78 Intersect Southerly side line, Phoenix lode, unsurveyed, at
S.57° 13' 20"W. 588.41 ft. from S. E. Cor.

1500.17 To Cor. No. 2.
A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed H.2.3552, whence
A corner of the location bears S.29° 11' 40"W. 57.61 ft.
No bearing objects available.

Thence S.38° 33'E.

329.00 S. E. C. of location, a monument of stone.

615.00 Gulch, drains Easterly.

SURVEY NO. 3552.

FEET.

658.40 To Cor. No. 3.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed H.3.3552, whence

A corner of the location bears S.26° 54'W. 48.5 ft.

No bearing objects available.

Thence N.27° 03'E.

30.00 Gulch, drains Southeasterly.

350.00 Top of Ridge, bears Northwesterly and Southeasterly.

1380.00 Gulch, drains Southeasterly.

1500.00 To Cor. No. 4.

A pine post, 3 ft. long, 4 ins. square, set 18 ins. in the ground, with mound of stone, scribed H.4.3552, whence

A corner of the location bears S.38° 33'E. 44.17 ft.

No bearing objects available.

Thence N.38° 33'W.

29.40 Cor. No. 4, Woodrow Wilson lode, of this survey.

329.40 N. E. C. of location, a monument of stone.

413.24 Intersect South side line, McAdoo lode, unsurveyed, at N.51° 27'E. 234.12 ft. from S. W. Cor.

329.40 Cor. No. 3, Woodrow Wilson lode, of this survey.

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

Variation at all corners, 15° E.

LODE LINES.

As nearly as can be determined from present developments, the veins of the several locations embraced in this claim extend as follows from their respective discovery points:

Broadway lode, 313.07 ft. N.34° 31' 30"E., and 592.73 ft. S.34° 31' 30"W., thence 578.72 ft. S.51° 27'W.

Cum Bac lode, 294.74 ft. S.51° 27'W., and 1205.26 ft. N.51° 27'E.

Tom Jefferson lode, 704.2 ft. N.51° 27'E., and 795.8 ft. S.51° 27'W.

Andrew Jackson lode, 766.47 ft. N.51° 27'E., and 731.53 ft. S.51° 27'W.

Abe Lincoln lode, 208.29 ft. S.51° 27'W., and 1250.36 ft. N.51° 27'E.

Woodrow Wilson lode, 18 ft. S.26° 08' 40"W., and 203.24 ft. N.26° 08' 40"E., thence 1108.95 ft. N.52° 00' 20"E.

Hughes lode, 9 ft. N.27° 03'E., and 1491 ft. S.27° 03'W.

AREA.

Total area, Broadway lode,

Acres.
20.312

Area in conflict with

Sur. No. 1886, Honey Suckle lode, 0.490

SURVEY NO. 3552.

Total area, Cum Bao lode,	Acres. 20.661 ✓
Area in conflict with	
Sur. No. 1886, Honey Suckle lode,	7.187 ✓

Total area, Tom Jefferson lode,	20.661 ✓
Area in conflict with	
Sur. No. 1886, Honey Suckle lode,	0.036 ✓

Total area, Andrew Jackson lode,	20.661 ✓

Total area, Abe Lincoln lode,	20.463 ✓

Total area, Woodrow Wilson lode,	18.029 ✓
Area in conflict with	
Andrew Jackson lode, of this survey,	0.130 ✓
Abe Lincoln lode, of this survey,	0.010 ✓
McAdoo lode, unsurveyed,	3.362 ✓

Total area, Hughes lode,	20.653 ✓
Area in conflict with	
McAdoo lode, unsurveyed,	1.034 ✓
Phoenix lode, unsurveyed,	2.183 ✓

LOCATION.

This survey is located approximately in ^{Secs. 3, 4, 9 & 10,} T. 8 N., R. 3 W., G & S. R. M., unsurveyed.

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, and that said improvements consist of:

BROADWAY LODE.

- No. 1. The discovery point is on a vein outcrop on the center line 313.07 ft. from the center of line 2-3. No value.
- No. 2. An open cut, the mouth of which bears from the discovery point S. 21° 01' W. 35.9 ft., 5 ft. wide, 12 ft. face, running N. 23° 15' E. 26 ft. Value, \$130.00
- No. 3. A shaft, which bears from the discovery point N. 45° 37' E. 129.97 ft., 4 x 6 ft., 20 ft. deep. At bottom of shaft are two drifts, 4 x 6 ft., running respectively N. 34° 31' 30" E. 20 ft., and S. 34° 31' 30" W. 20 ft. Value of shaft and drifts, \$600.00
- No. 4. A shaft, which bears from the discovery point N. 46° 44' E. 199.49 ft., 4 x 6 ft., 20 ft. deep. Value, \$200.00
- No. 5. A shaft, the Northwesterly side of which is on the center line, 278.72 ft. from the center of line 5-6, 13.5 x 7 ft., 4 ft. deep. Value, \$25.00

An undivided 1/8 interest in the value of improvement No. 2 on the Andrew Jackson lode is credited to this claim, Value \$300.00

SURVEY NO. 3552.

CUM SAC LODE.

No. 1. The discovery cut, the face of which being the discovery point, is on the center line 294.74 ft. from the center of line 3-4, 4 ft. wide, 6 ft. face, running N.38° 33'W. 10 ft.

Value, \$10.00

No. 2. A shaft, which bears from Cor. No. 3, N.15° 10'E. 386.97 ft., 3 x 6 ft., 10 ft. deep.

Value, \$50.00

No. 3. An open cut, the mouth of which bears from Cor. No. 3 N.17° 12'E. 374.56 ft., 4 ft. wide, 12 ft. face, running N.41° 56'E. 18 ft. At face is a tunnel, 4 x 6 ft., running N.41° 56'E. 20.84 ft. to a shaft, 4 x 6 ft., 40 ft. deep. The tunnel and shaft connect at a point 20 ft. below the collar of latter at surface.

Value of open cut, tunnel, and shaft, \$650.00

An undivided $\frac{1}{8}$ interest in the value of improvement No. 2, Andrew Jackson lode, is credited to this claim, Value, \$3000.00

TOM JEFFERSON LODE.

No. 1. The discovery tunnel, the mouth of which, being the discovery point, is on the center line 704.2 ft. from the center of line 1-2, 4 x 6 ft., running N.34° 30'E. 51.6 ft. to face. At a point 4 ft. from face is a drift, 4 x 6 ft., running S.85° 30'E 9 ft.

Value of tunnel and drift, \$600.00

No. 2. An open cut, the mouth of which bears from the discovery point N.81° 26'W. 272.87 ft., 4 ft. wide, 10 ft. face, running S.73° 21'W. 27.2 ft. At face is a tunnel, 4 x 6 ft., running S.73° 21'W. 97 ft.

Value of open cut and tunnel, \$1100.00

An undivided $\frac{1}{8}$ interest in the value of improvement No. 2, Andrew Jackson lode, is credited to this claim, Value, \$3000.00

ANDREW JACKSON LODE.

No. 1. The discovery point, on the center line, 731.54 ft. from the center of line 3-4.

No value.

No. 2. A shaft, which bears from the discovery point N.81° 59'E. 86.39 ft., 6 x 8 ft., 704 ft. deep. At 24 ft. from bottom are two drifts, 4 x 6 ft., running respectively N.38° 33'W. 138 ft., and S.38° 33'E. 148 ft.

Value of shaft and drifts, \$24000.00

Value credited to this claim, $\frac{1}{8}$ interest, \$3000.00

No. 3. An open cut, the mouth of which bears from the center of line 1-2, S.74° 56'W. 572.49 ft., 5 ft. wide, 12 ft. face, running S.23° 45' 40"E. 25.96 ft. From the face is a tunnel, 4 x 6 ft., running S.23° 45' 40"E. 234.16 ft. to a point, thence S.0° 57'W. 15.2 ft. to face. From said point are two drifts, 4 x 6 ft., running respectively N.54° 04'E. 32.2 ft., and S.56° 41' 30"W. 15.43 ft., thence S.55° 58'W. 76.95 ft. to connection with preceding shaft, described as No. 2, at a point 146 ft. below collar of the latter.

Value of open cut, tunnel and drifts, \$3700.00

No. 4. An open cut, the mouth of which bears from the center of line 1-2 S.54° 39'W. 197.47 ft., 5 ft. wide, 10 ft. face, running S.48° 58' 40"W. 30 ft. From the face is a tunnel, 4 x 6 ft., running S.14° 58'W. 38.95 ft., thence S.37° 40' 40"W. 50.17 ft., thence S.47° 14' 20"W. 50.22 ft., thence S.48° 19' 40"W. 51.05 ft., thence S.45° 30' 40"W. 40.07 ft. to a point,

SURVEY NO. 3552.

thence S.55° 25' 10"W. 45.35 ft. From said point is a drift, 4 x 6 ft., running S.14° 32' 20"E. 31.9 ft.

Value of open cut, tunnel and drift, \$3200.00.

No. 5. An open out, the mouth of which bears from the center of line 1-2, S.49° 19'W. 244.1 ft., 5 ft. wide, 10 ft. face, running S.50°W. 13.75 ft.

Value, \$65.00

No. 6. A tunnel, the mouth of which bears from the center of line 1-2, S.45° 21'W. 254.96 ft., 4 x 6 ft., running S.51° 34'W. 52.65 ft. At a point 30.85 ft. from the mouth is a drift, 4 x 6 ft., running S.38°E. 4 ft.

Value of tunnel and drift, \$550.00

No. 7. An open cut, the mouth of which bears from the discovery point S.70° 03'W. 164.15 ft., 4 ft. wide, 12 ft. face, running S.38° 46' 40"W. 18 ft. From the face is a tunnel, 4 x 6 ft., running S.38° 46' 40"W. 76 ft.

Value of open out and tunnel, \$850.00

ABE LINCOLN LODE.

No. 1. The discovery point, on the center line 208.29 ft. from the center of line 4-1.

No value.

No. 2. An open out, the mouth of which bears from the discovery point S.11°W. 20 ft., 3 ft. wide, 5 ft. face, running N.11° E. 10 ft.

Value, \$25.00

No. 3. An open out, the mouth of which bears from the discovery point S.80°W. 30 ft., 3 ft. wide, 5 ft. face, running N.80° E. 10 ft.

Value, \$25.00

No. 4. An open cut, the mouth of which bears from the center of line 4-1 N.1° 14'W. 227.11 ft., 4 ft. wide, 15 ft. face, running N.46° 38'E. 17 ft. From the face is a tunnel, 4 x 6 ft., running N.46° 38'E. (19.9 ft. to a point), 32.9 ft. From said point is a drift, 4 x 6 ft., running N.43° 30'W. 6 ft.

Value of open cut, tunnel and drift, \$450.00

An undivided 1/8 interest in the value of improvement No. 2 Andrew Jackson lode, is credited to this claim, Value, \$3000.00

WOODROW WILSON LODE.

No. 1. The discovery cut, the face of which, being the discovery point, is on the center line 19 ft. from the center of line 3-4, 4.5 ft. wide, 10 ft. face, running S.69° 48' 30"W. 14.5 ft. to mouth.

Value, \$75.00

An undivided 1/8 interest in the value of improvement No. 2 Andrew Jackson lode, is credited to this claim, Value, \$3000.00

HUGHES LODE.

No. 1. The discovery cut, the face of which being the discovery point, is on the center line 9 ft. from the center of line 4-1, 5.5 ft. wide, 10 ft. face, running S.26° 54'W. 18 ft. to mouth.

Value, \$90.00

An undivided 1/8 interest in the value of improvement No. 2 Andrew Jackson lode, is credited to this claim, Value, \$3000.00

The shaft and drifts described as improvement No. 2 on the Andrew Jackson lode are common improvements for the benefit of, and to be applied upon, all of the locations embraced in this claim, and also upon the McAdoe lode, unsurveyed, for the purpose of reaching the several veins on the said locations at depth, and to thereby most economically and advantageously open and develop the whole group. An undivided one-eighth inter-

SURVEY NO. 3552.

est, value \$8000.00, is therefore apportioned to each of said lode claims.

This shaft is located at an elevation of about 130 ft. above the North Fork of Buckhorn Canyon, and about 75 ft. below the top of the ridge to the south. From the top of the ridge, southerly, is a sharp descent of some 150 ft. to a gulch, thence a more moderate rise of about 200 ft. to top of ridge crossing the Hughes lode. Northerly from the shaft, across the Canyon, the rise is ~~generally~~ gradual to an elevation at the Broadway discovery point about on a level with the collar of the shaft.

The old wagon road in the canyon is constantly washed out and impassable, and can be kept in repair only at prohibitive expense. A new road is under construction, to connect with the town of Wickenburg, and now completed to within a short distance of the property, which will make the said shaft the most convenient and advantageous point for delivery of ores at the surface.

OTHER IMPROVEMENTS.

A frame Bunkhouse, the Southeast corner of which bears from the discovery point of the Tom Jefferson lode S.28° 33'W. 115.7 ft., 47.7 x 30 ft., Course of long sides, N.23°E.

A frame Office and house building, the Northwest corner of which bears from the discovery point of the Tom Jefferson lode S.86° 05'W. 160.54 ft., 28 x 28 ft. Course of long sides N.72°W.

A frame and corrugated iron Assay Office, the Northeast corner of which bears from the discovery point of the Tom Jefferson lode N.89° 04'W. 163.36 ft., 12 x 38.5 ft. Course of long sides N.72°W.

A frame Boardinghouse, the Southeast corner of which bears from the discovery point of the Tom Jefferson lode N.86° 40' 30"W. 235.62 ft., 13 x 35 ft. Course of long sides N.15° 30'W.

A frame cottage, the Southeast corner of which bears from the discovery point of the Tom Jefferson lode N.78° 40'W. 260.34 ft. 14 x 11.5 ft. Course of long sides N.15° 30'W.

A corrugated iron Garage, the Southeast corner of which bears from Cor. No. 3, Tom Jefferson lode, N.46° 12'E. 526.25 ft., 22 x 18 ft. Course of long sides N.24° 50'E.

A frame cabin, the Southwest corner of which bears from Cor. No. 3, Tom Jefferson lode, N.44° 11'E. 582.17 ft., 12 x 10 ft. Course of long sides N.1° 15'E.

A frame cabin, the Southwest corner of which bears from Cor. No. 3, Tom Jefferson lode, N.20° 06'E. 548.5 ft., 12 x 10 ft. Course of long sides N.85°E.

A frame Enginehouse, the Northwest corner of which bears from the discovery point of the Andrew Jackson lode, N.85° 20'E. 64.72 ft., 36.3 x 24 ft. Course of long sides S.81°W.

A corrugated iron Blacksmith shop, the Southwest corner of which bears from the discovery point of the Andrew Jackson lode N.84° 10'E. 130.09 ft., 21 x 13 ft. Course of long sides

SURVEY NO. 3552.

S.81°W.

A corrugated iron Store-room, the Southwest corner of which tears from the discovery point of the Andrew Jackson lode, N.85° 14'E. 183.82 ft., 20 x 13 ft. Course of long sides S.81°W.

INSTRUMENT.

This survey was made with an A. Lietz mining and solar transit, No. 1252. The courses were deflected from the true meridian as determined by Polaris observation. The distances were measured with 100 ft. and 500 ft. steel tapes.

MERIDIAN DETERMINATION.

On December 31, 1918, at about 11-30 A. M. Mountain Standard Time, I observed and followed the sun to its apparent maximum altitude, which was 32° 51' 30", - ref. 1' 29" = 32° 50' 01" true altitude; + the sun's declination, South 23° 07' 19", = co-latitude 55° 57' 20". The latitude is therefore 32° 02' 40" N.

On January 2, 1919, at a few minutes before 1 o'clock A. M. Mountain Standard Time, I commenced to observe Polaris, as it approached Western Elongation, on a reference line previously established by me, and followed the star until it ceased to advance, when its position was 22° 49' 10" to the left of my reference line.

For the above latitude the star's azimuth is 1° 21' 07"; whence the course of my reference line is N.21° 28' 03"E., from which the lines of this survey were deflected.

REPORT.

The lode line of each location of this claim was run directly upon the ground, and the several corners established by means of offsets from the lode lines. All tie lines were run either directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

U. S. L. M. No. 1636 is a granite stone, 13 x 13 x 13 ins, above ground, properly marked. N.86° 52'E. 22.5 ft. therefrom is a granite boulder, chiselled B.R.U.S.L.M.1636. This is the only B. R. I could find.

Sur. No. 1636, Honey Suckle lode:

Cor. No. 1 is a decomposed granite stone 10 x 10 x 12 ins. above ground, in remains of mound of stone, weatherworn and the markings indecipherable.

Cor. No. 2 is a porphyry stone 6 x 12 x 12 ins, above ground, chiselled with the number of the corner and survey.

Cor. No. 3 is a porphyry stone 4 x 8 x 12 ins. above ground, badly weatherworn and markings indecipherable.

Cor. No. 4 is a decomposed granite stone 6 x 8 x 12 ins. above ground, weatherworn and markings only partly decipherable.

SURVEY NO. 3552.

I find line 2-3 to be S.82° 12' 20"W. 595.24 ft. instead of S.82° 14'W. 600 ft., and the courses of lines 1-2 and 3-4 to be S.7° 49'E. and N.8° 01' 40"W. instead of S.7° 46'E. and N.7° 46' W. respectively as given in approved returns on said survey.

Note.- The disagreement between these fieldnotes and Sur. No. 1686, Honeyuckle lode, with regard to ties to U. S. L. M. No. 1686, is due to error in the latter.

Note.- The disagreements between these fieldnotes and the amended location certificates of the Broadway, Cum Sac, Woodrow Wilson and Hughes lodes regarding the courses of their respective lines, also the location notice of the Ube Lincoln lode regarding the position of its discovery point, are due to error in the location certificates and notice of location.

Note.- There being neither Notary Public nor Justice of the Peace accessible except at great delay, expense and inconvenience, I administered the oath to my assistants.

Note.- There are said to be unsurveyed lode locations adjoining the Broadway lode on the East, the Cum Sac lode on the West, and the Hughes lode on the West respectively; but I made very diligent search, and was unable to find any identifiable corners of such.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by SAMUEL J. PAUL

United States Mineral Surveyor, to assist in running, measuring, and marking the lines, corners, and boundaries described in the foregoing field notes of the survey of the mining claim of

ABE LINCOLN COPPER COMPANY

known as the BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON and HUGHES Lodes

and showing the respective capacities in which they acted.

JOHN R. DOBLER, Chainman.

....., Chainman.

....., Axman.

LUDWIG KOEBER, Flagman.

FINAL OATHS OF ASSISTANTS.

We, JOHN R. DOBLER

and LUDWIG KOEBER, do solemnly swear that we assisted SAMUEL J. PAUL, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of

ABE LINCOLN COPPER COMPANY

known as the BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON and HUGHES LODES

represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his direction; and that said survey has been in all respects, to the best of our knowledge and belief, faithfully and correctly executed, and the corner and boundary monuments established according to law and the instructions furnished by the United States Surveyor-General for Arizona.

John R. Doblere, Chainman.
....., Chainman.

Ludwig Koerber, Flagman

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

day of January, 1919.

Samuel Paul
U. S. Mineral Surveyor.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, SAMUEL J. PAUL, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for ARIZONA, dated
December 3, 1919, 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 ABE LINCOLN COPPER COMPANY
, known as the
Broadway, Cum Bac, Tom Jefferson, Andrew Jackson, Abe Lincoln,
Woodrow Wilson and Hughes lodes
situate in C.A.S.T.L.E. C.R.F.F.K. Mining District,
YAVAPAI County, ARIZONA, in Section
Approximate Secs. 3, 4, 9 & 10 Township No. 8 N., Range No. 3 W., G. & S.R.M. Unsurveyed,
and designated as Survey No. 3552, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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.

Samuel Paul
U. S. Mineral Surveyor.

Subscribed and sworn to by the said SAMUEL J. PAUL
U. S. Mineral Surveyor, before me P. J. Dickinson
a Notary Public this Sixth
day of January, 1920.

P. J. Dickinson
Notary Public, in and for
the County of Kern, State of California
My Commission Expires July 24, 1924



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

August 25, 1920.

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

Abe Lincoln Copper Company

known as the BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON, and HUGHES Lodes

situate in Castle Creek Mining District, Yavapai County, Arizona, Approx.

in Sections 3, 4, 9 & 10, Township No. 8 N., Range No. 3 W., Unsur., and

designated as Survey No. 3552, 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, or for each of said mining claims by claimant or its grantors, and that said improvements consist of 6 shafts, 13 cuts, 8 tunnels and 10 drifts, total value \$36,395, \$3,000 of which, or a 1/8 interest in the value of improvement No. 2 on the Andrew Jackson lode, is reserved for the McAdoo lode, unsurveyed.

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 P. Trott

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.

August 25, 1920.

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 Abe Lincoln Copper Company

known as the BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON, and HUGHES Lodes

situate in Castle Creek mining district, Yavapai County, Arizona. Approx.

in Sections 3, 4, 9 & 10, Township No. 8 N., Range No. 3 W., Unsur.

designated as Survey No. 3552

executed by Samuel J. Paul, U. S. Mineral Surveyor, December 19, 1918 - January 2, 1919, under my instructions dated

December 3, 1918, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe, are hereby approved. The certified copy of the location certificate filed by the applicant for survey is on file in this office and a true copy of said certified copy of said location certificate is included and made a part of the transcript of the field notes.

Handwritten signature of the Surveyor General

U. S. Surveyor General for ARIZONA.

UNITED STATES DEPARTMENT OF THE INTERIOR 9605 (956)
BUREAU OF LAND MANAGEMENT M.S. 3552
ARIZONA STATE OFFICE

NOTICE OF CANCELLATION OF MINERAL SURVEY

The BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON and HUGHES lodes, Mineral Survey No. 3552, located in sections 11 and 14, Township 8 North, Range 3 West, Gila and Salt River Meridian, Arizona, are hereby canceled.

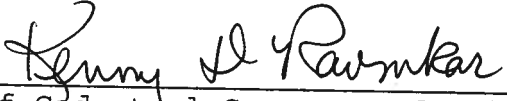
These claims have not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to clear the record.

The Mineral Survey Plat should be noted as follows:

"BROADWAY, CUM BAC, TOM JEFFERSON, ANDREW JACKSON, ABE LINCOLN, WOODROW WILSON and HUGHES lodes, M.S. 3552, were canceled April 16, 2002, by memo 9605 (956) M.S. 3552, which is now a part of the original field notes."

April 16, 2002
Date



Chief Cadastral Surveyor of Arizona