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Sept 20 1900

(4-683.)

Mineral Survey No. 1468

Lot No.

*of a group of Mining Claims in
The Prescott Arizona* Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

*The George A. Treadwell Mining Company
By E. A. Treadwell agent*

KNOWN AS THE

*"Cliff", "Blue Bell", "Cherry", "John
and Johnathan" and "Iron Jack", Verdi Mining District,
Yavapai County, Arizona*

Section, Township 15 N, Range 20 W 3 E

Surveyed under instructions dated March 17th, 1900

by R. C. Powers

U. S. Deputy Mineral Surveyor.

Claim located *Nov 5/97
Apr 7/96*, 18 ..

Survey commenced *June 6th
July 6/96*, 1900

Survey completed *June 15th
Aug 7/98*, 1900

o 6-160

*Address of E. A. Treadwell agent -
for claimant
Jerome, Arizona*

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Malcolm M. Treadwell and J. Russell Gains
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of The George A. Treadwell Mining Company
known as the "Cliff", "Blue Bell", "Cherry", "John and Jonathan" and "Union Jack"
situate in The Warden mining district,
Yavapai County, Arizona
in Section _____, Township No. _____, Range No. _____

Malcolm M. Treadwell, Chainman.
J. Russell Gains, Chainman.

Subscribed and sworn to by the above-named persons before
me this 6th day of June, 1900

26 4 R. C. Powers
Notary Public

I, Herbert G. Treadwell, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of The George A. Treadwell Mining
Company
known as the "Cliff", "Blue Bell", "Cherry", "John and Jonathan" and "Union Jack,"
more fully described in the preceding affidavit.

Herbert G. Treadwell, Axeman.

Subscribed and sworn to by the said Herbert G.
Treadwell before me this 6th day of
June, 1900

26 4 R. C. Powers
Notary Public

I, Charles H. Ford, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of George A. Treadwell
Mining Company
known as the "Cliff", "Blue Bell", "Cherry", "John and Jonathan" and "Union Jack,"
more fully described in the preceding affidavit.

Charles H. Ford, Flagman.

Subscribed and sworn to by the said Charles H.
Ford before me this 6th day of
June, 1900

26 4 R. C. Powers
Notary Public.

Survey No.1468

Feet CLIFF LODGE

Beginning at Cor.No.1

Identical with S-W.COR.of location and Cors.No.2 of John and Johnathan and Cherry lodes,both of this survey and Cor.No.1 of Green Monster lode,Survey No.1414 herein ~~before~~ ^{after} described,whence,

U.S.L.M.No.2 brs.S-23-35'-W. 2067.2ft.dist.

No other bearings available

thence N-11-51'-E

300 To Cor.No.2

Identical with W.Gen.end mon.of location and Cor.No.5 of Survey No.1414 ,Green Monster lode

A slate rock,24x10x8ins.set 12ins.in the ground and chiseled 2/1468-C.with a mound of stone alongside.

No bearings available.

thence N-7-45'-E

275 Cor.No.4 of Survey No.1414,Green Monster lode.
300 To Cor. No.3

Identical with N-W Cor.of location and Cors.No.1 of Union Jack and Blue Bell lodes,both of this survey. herein ~~before~~ ^{after} described.

No bearings available.

thence S-80-10'-E

721.4 A location mon.of stone at Gen.of S.side line of Blue Bell lode of this survey.

739.7 A location mon.of stone at Gen.of N.side line.

1407.7 Intersect line 1-2 of Survey No.1386,Copper Bell lode at N-0-51'-E, 226ft.from Cor.No.1

1425.3
~~1442.9~~ Cor.No.4 of Blue Bell lode of this survey.

1478.5 To Cor.No.4

Identical with N-E.Cor.of location.

A granite rock 24x10x8ins.set 12ins.in the ground and chiseled 4/1468-C.with a mound of stone alongside.

No bearings available.

thence S-7-45'-W

219.5 Intersect line 4-1 of Survey No.1386,Copper Bell lode at S-84-48'-E, 44ft.from Cor.No.1

300 A location mon.of stone at Gen.of E.end line.

600 To Cor.No.5

Identical with S-E.Cor.of location and Cor.No.3 of Cherry lode of this survey, herein ~~before~~ ^{after} described

No bearings available.

thence N-80-10'-W

Survey No. 1468. BLUE BELL LODGE

Feet. Beginning at Cor. No. 1.
 Identical with the S.W. Cor. of loc. and Cors. No. 1 of Union Jack and No. 3 of Cliff lodes herein after described both of this Sur. whence:
 U.S.L.M.No.2 brs. S 20°30'W 2648.7 ft.dist.
 No other bearings available.
 thence N 2°30'W

50 Cross ravine 2 ft. wide flows S 79°00'E
 300 A loc. mon of stones at Cen. of W. end line.
 600 To Cor. No. 2
 Identical with the N.W. Cor. of loc. and Cor. No. 2 of Union Jack lode of this Sur. herein after described.
 No bearings available.
 thence S 80°10'E

721.5 A loc. mon. of stones at Cen. of N. side line.
 1425.3 To Cor. No. 3
 A granite rock 24X8X7 ins set 12 ins in the ground chiseled 3/1468 B.B.with a mound of stones alongside.
 whence: A Cor. of loc. bears S 80°10'E 17.6 ft.dist.
 No other bearings available.
 thence S 2°30'E

300 Intersect line 1-2 Sur.No.1386 Copper Bell lode at S 0.51'W 676.3 ft. from Cor. No. 2 of Copper Bell lode.
 whence A loc.mon. bears S 80°10'E 17.6 ft. dist.
 414 Cross ravine 3ft. wide flows N82°15'E
 600 To Cor. No. 4
 On line 3-4 Cliff lode of this Sur. at N 80°10'W 53.2ft. from Cor.No. 4 of Cliff lode.
 A granite rock 24X7X7 ins set 12 ins in the ground chiseled 4 1468 B.B.with a mound of stones alongside
 whence:
 S.E. Cor. of loc. brs.S 80°10'E 53.2 ft. dist.
 No other bearings available.
 thence N 80°10'W

17.6 Intersect line 1-2 Sur. No. 1386 Copper Bell lode.at N 0.51'E 226 ft. from Cor. No. 1 of Copper Bell lode.
 686. A loc. mon. of stones at Cr. N.side line of Cliff lode of this Sur.
 703.9 a loc.mon. of stones at Cr.of side line of this lode.
 1425.3 To Cor. No.1 the place of beginning.
 Variation at all Cors. of this lode is 13.52'E.
 Total area of Blue Bell lode is 19.181 Acres.
 Less area in conflict with Sur. No.
 1386 Copper Bell lode

059
19.181

Net area of Blue Bell lode is 19,640 acres

Bearing	Dist.	Latitude N+ S-	Departure E+ W-	Double Long.	Double N+ S-	Area
S-80°10'E	478.5	252.52	456.76	1456.76		367816.79
S-2°30'E	600	599.40	26.16	2939.68		761996.24
N-80°10'W	1478.5	252.50	1456.76	1509.08	381022.50	
N-2°30'W	600	599.40	26.16	26.16	15644.84	
					396664.84	2149812.99
						396666.84
						21753146/5
						866573.078
						=198817226

Conflict with Survey No 1386 Copper Belt lode

Bearing	Dist.	Latitude N+ S-	Departure E+ W-	Double Longitude	Double N+ S-	Area
N-0°51-E	593.3	593.24	9.81	9.81	5813.36	27028.43
S-2°30'E	600	599.35	25.57	45.13		
N-40°10-W	35.2	6.11	35.32	35.32	215.33	
					6028.69	27028.43
						6028.69
						220999.74
						10499.87
						V = 0.241 Acres.

Net area of Blue Bell lode is 19,174 acres.

Sta	Bearing	Distance	Latitude N+ S-	Departure E+ W-	Double Long.	Double N+ S-	Area
2	S80°10'E	1442.9	246.43	1421.70	1421.70		350349.53
3	S.2°30'E	600.0	599.43	26.17	2869.57		1720106.35
4	N.80°10W	1442.9	246.43	1421.70	1474.04	363247.68	
1	N.2°30'W	600.0	599.43	26.17	26.17	15687.08	
					378934.76		2070455.88
							378934.76
							1691521.12
					43560	845760.56	
							Total area 19,415 acres.
							corrected conflict .241 "
							Net area of Blue Bell = 19,174 acres.

Feet

CHERRY LODGE

Beginning at Cor. No. 1

Identical with S-W Cor. of location and Cor. No. 1 of John & Johnathan ^{after} ~~before~~ lode of this survey herein ~~before~~ described *whence*

U.S.L.M. No. 2 brs. S-27-59'-W, 1481.5 ft. dist.

No other bearings available

thence N-13-08'-E

300 A location mon. of stone at cen. of W. end line.

459 Cross ravine, 3ft. wide which flows S-80-E

600 To Cor. No. 2

Identical with N-W Cor. of location and Cors. No. 1 of Cliff and No. 2 of ^{John & Johnathan} ~~Green~~ lodes of this survey and Cor. No. 1 of Green Monster lode Survey No. *1414* herein ^{after} ~~before~~ described.

No bearings available

thence S-80-10'-E

750 A location mon. of stone at Cen. of N. side line,

1500 To Cor. No. 3

Identical with N-E Cor. of location and Cor. No. 5 of Cliff lode of this survey,

A Malpai rock in place 24x12ins. 14ins. above ground and chiseled ~~(4)~~ 3/1468-C and 5/1468-C. with a mound of stone alongside.

No bearings available.

thence S-13-08'-W

50 Cross ravine, 4ft. wide which flows S-85-15'-E

300 A location mon. of stone at Cen. of E. end line,

600 To Cor. No. 4

Identical with S-E Cor. of location.

A slate rock, 24x7x6ins. set 12ins. in the ground and chiseled 4/1468-C. with a mound of stone alongside.

No bearings available.

thence N-80-10'-W.

750 A location mon. of stone at Cen. of S. side line,

1500 To Cor. No. 1 the place of beginning.

Variation at all Cors. of Cherry lode is 13-52'-E

Total area of Cherry lode is *20.627* Acres

Bearing	Distance	Latitude N+	Longitude E-	Departure E+	Double Longitudes	Double Latitudes N+
N-13°-28'-E	600	584.28	136.32	136.32	136.32	79626.46
S-80°-10'-E	1500	256.20	584.28	1477.95	1752.59	448478.10
S-13°-08'-W	600	584.28	136.32	136.32	3092.22	1806463.24
N-80°-10'-W	1500	256.20	1477.95	1477.95	1477.95	378637.98
						458264.34
						2254941.34
						458264.34
						<u>21796677.00</u>
						898338.50

V = 20.62770065

Blue Hill Shoals

Bearing	Distance	Latitude N	Longitude E	Departure W	Double Longitudes	Double Latitudes N
S 80° 10' E	1425.0	243.41	1404.34	1404.34	1404.34	341535.2676
S 2° 30' E	600	599.43	26.17	2534.59	2534.59	1699318.1127
N 80° 10' W	1425.3	243.41	1404.34	1404.34	1456.70	354595.3470
N 2.30° W	600	599.43	26.17	26.17	26.17	15687.0831
						370212.4301
						2041153.8803
						390262.4301
						1670890.9502
						435601
						833443.4757
						19181 and
						14102

Double Longitudes = 14102

Survey No. 1468

Feet

JOHN & JOHNATHAN LODE

Beginning at Cor. No. 1

Identical with S-E. Cor. of location and Cor. No. 1 of Cherry lode of this survey.

A granite rock 24x8x8 ins. set 12 ins. in the ground and chiseled 1/1468 J&J and 1/1468 C. with a mound of stone alongside, whence

U.S.L.M. No. 2 brs. S-27-59'-W 1481.5 ft. dist.

No other bearings available.

thence N-13-08'-E

300 A location mon. of stone at cen. of E. end line,
480 Cross ravine, 3 ft. wide, and flows S-80-E
600 To Cor. No. 2

Identical with N.E. Cor. of location and Cors. No. 2 of Cherry and No. 1 of Cliff lodes of this survey and Cor. No. 1 of Green Monster lode Survey No. 1414.

A quartzite rock in place 2x3 ft. 1 ft. above ground and chiseled (x) 2/1468-J. & J; 2/1468-C. and 1/1468-C. with a mound of stone alongside.

No bearings available.

thence N-86-32'-W

534.7 A location mon. of stone at cen. of N. side line
600 Cross ravine, 1 ft. wide and flows S-10'-E
1075.7 To Cor. No. 3

Identical with N.W. Cor. of location and Cor. No. 2 of Green Monster lode Survey No. 1414

A granite rock in place 5x7 ft. 4 ft. above ground and chiseled (x) 3/1468-J. & J. with a mound of stone alongside.

No bearings available.

thence S-13-08'-W.

300 A location mon. of stone at cen. of W. end line.
600 To Cor. No. 4

Identical with S.W. Cor. of location

A granite rock 24x12x12 ins. set 12 ins. in the ground and chiseled 4/1468-J. & J. with a mound of stone alongside.

No bearings available.

thence S-86-32'-E

534.7 A location mon. of stone at cen. of S. side line.
1075.7 To Cor. No. 1 the place of beginning.

Variation at all Cors. of John & Johnathan lode is 13-52'E.

Total area of John & Johnathan is ^{14.60}~~14.718~~ Acres.

Bearing	Dist.	Latitude N+ S-	Departure E+ W-	Double Longitude	Double Longitude	Double Area N+
S-86°-32'-E	1075.7	65.09	1073.76	073.76	1334402.04	69869.56 09790.50
N-13°-08'-E	650	584.28	136.32	2283.84	1334495.96	
N-86°-32'-W	1075.7	65.09	1073.76	136.140	87610.25	78649.05
S-13°-08'-W	650	584.28	136.32	136.132	87610.25	79626.46
					149416.96 149416.96 149578.61 149578.61	149416.96 149578.61
					211252295.10 64147.50	147187.00
					1422018.29 149578.61	
					21272493.68	
					636246.84	14.60 Acres

Survey No. 1468

Feet

UNION JACK LODGE

Beginning at Cor. No. 1
Identical with S.E. Cor. of location and Cor. No. 1 of Blue Bell and Cor. No. 3 of Cliff lode both of this survey.

A slate rock in place, 4/5 ft. 3ft. above ground and chiseled 1/1468; U.J.; 1/1468 B.B. and 3/1468 C. having a /at exact Cor. and with a mound of stone alongside *whence* U.S.L.M.No.2 brs.S-20-30-W. 2648.7 ft.dist.
No other bearings available,

thence N-2-30-W.

- 50 Cross ravine, 2ft. wide and flows S-79-E.
- 300 A location mon. of stone at cen. of E. end line
- 600 To Cor. No. 2

Identical with N.E. Cor. of location and Cor. No. 2 of Blue Bell lode of this survey.

A granite rock 24/ 12/ 10 ins. set 12 ins. in the ground and chiseled 2/1468 U.J. and 2/1468 B.B. with a mound of stone alongside.
No bearings available.

thence N-26-32-W.

- 550 A location mon. of stone at cen. of N. side line
- 1100 To Cor. No. 3

Identical with N-W. Cor. of location and
A porphyry stone 24/ 10/ 6 ins. set 12 ins. in the ground and chiseled 3/1468 U.J. with a mound of stone alongside.
No bearings available,

thence S-2-30-E.

- 300 A location mon. of stone at cen. of west end line
- 600 To Cor. No. 4

Identical with S-W. Cor. of location and Cor. No. 3 of Green Monster lode Survey No. 1414
A Quartzite rock in place 24/ 12/ 14 ins. above ground and chiseled 4/1468 U.J. with a mound of stone alongside.

No bearings available,
thence S-86-32-E.

- 550 A location mon. of stone at cen. of S. side line
- 1100 To Cor. No. 1 the place of beginning.

Variation at all Cor. of Union Jack lode is 13-52 E
Total area of Union Jack is 15.011 Acres

Bearing	Dist.	Latitude		Longitude		Double Areas		
		N+	S-	E+	W-	N+	S-	
S-2°-30'-E	600		599.40	26.16		26.16		15644.34
S-85°-09'-E	1098.7		92.89	1094.74		1147.06		106141.60
N-2°-30'-W	600	599.40			26.16	2215.64	1328019.64	
N-85°-09'-W	1098.7	92.89			1094.74	1094.74	101558.16	
						1429577.80	121785.94	
						121785.94		
						<u>211307791.86</u>		
						653895.93		15,011 Acres

AREA.

Net Area	Cliff lode	✓ 80.128 Acres	20.128 acres.
"	Blue Bell "	19.084 19.640	19.122 "
Total & Net Area	Cherry "	✓ 80.627	20.627 "
"	John & Johnathan lode	44.60 14.410	14.600 "
"	& " Union Jack	✓ 15.011	15.011
Net area lode claim		80.128 89.430	89.488

LOCATION.

This claim is located on unsurveyed land what will be when surveyed in about Sec. 11 Twp. 15 N. R. 2 E. Gila & Salt River Base & Meridian Verde Mining District. Yavapai County, Arizona.

ADJOINING CLAIMS.

SUR.# 1414. Green Monster Lode is situated between Union Jack & John & Johnathan lodes, and bounds the Cliff lode on the West.
Blue Bell is bounded on the East by Sur. # 1386 Copper Bell lode.

-EXPENDITURE OF FIVE HUNDRED DOLLARS-

I certify that the value of the labor and improvements upon these claims, placed thereon by the claimants and their grantors, is not less than five hundred dollars for each and every claim, and that said improvements consist of:

-UNION JACK LODGE-

- No.1 The discovery shaft of the Union Jack lode, which brs. from Cor.No.4 N-49-16'-E, 449ft. 4x6ft..10ft.deep
Value \$100.00
- No.2 A shaft which brs.from Cor.No.3 S-20-E, 43ft.,4x6ft. 50ft.deep. Value \$500.00

-JOHN & JOHNATHAN LODGE-

- No.1 The discovery shaft of the JOHN & JOHNATHAN LODGE which brs.from Cor.No.3 S-3-25'-E, 295ft. 4x6ft. 10ft. deep. Value \$100.00
\$500.of #6 Tunnel Blue Bell Lode is credited to this lode.

-CHERRY LODGE-

- No.1 The discovery shaft of the Cherry lode which brs.from Cor.No.2 S-48-30'-E, 570ft.,4x6ft. 10ft.deep
Value \$100.00
- No.2 A cut 4ft.wide with an 8ft.face and 15ft.long which brs.from Cor.No.3 S-89-06'-W, 663ft., Value \$100.00
\$500.#6 Tunnel Blue Bell Lode is credited to this lode.

-BLUE BELL LODGE-

- No.1 The discovery shaft of the Blue Bell lode which brs. from Cor.No.3 S-75-^{00'}~~56'~~-W, 700ft.,4x6ft. 10ft.deep
Value \$100.00
- No.2 A tunnel which brs.from Cor.No.4 N-66-^{23'}~~46'~~-W, 635ft. 4x6ft. 36ft.long running N-5-14'-W Value \$360.00
- No.3 A tunnel which brs.from Cor.No.4 N-^{76° 11'}~~77-45'~~-W, 440ft. 4x6ft. 30ft.long, running S-16-18'-W Value \$300.00
- No.4 A tunnel which brs.from Cor.No.4, N-78-^{45'}~~49'~~-W, 627ft. 4x6ft.,20ft.long, running S-1-W Value \$200.00
- No.5 A tunnel which brs.from Cor.No.1 S-82-12'-E, 760ft. 4x6ft. 42ft.long, running S-42-12'-W Value \$420.00
- No.6 A tunnel which brs.from Cor.No.1 S-84-46'-E, 528ft. 4x6ft.,125ft.long running S-2-40'-W Value \$1250.00

This tunnel, continued in its present course, will cut the vein of the Cherry lode whereby by one set of workings the entire claim can be most economically worked and developed hence 500 dollars of the value of this tunnel is credited to the Cherry lode

Drift.

At a point 60ft.in from the mouth of this tunnel a

drift is run S-51-16'-W, 133ft. long Value \$1330.00
This drift, continued in its present course would cut
the vein of the John & Johnathan lode whereby, by one
system of workings the entire claim can be most ad-
vantageously worked and developed, hence 500 dollars
of the value of this drift is credited to this
lode

-CLIFF LODGE-

- No.1 The discovery shaft, which brs. from Cor. No. 4 S-77-30'-W
792ft., 4x6ft. 10ft. deep Value \$100.00
- No.2 A tunnel which brs. from Cor. No. 4 S-84-W, 811ft., 4x6ft.
38ft. long, running S-0-23'-W. Value \$380.00
- No.3 A tunnel which brs. from Cor. No. 3 S-65-12'-E, 615ft.
4x6ft, 32ft. long, running S-2-04'-W. Value \$320.00
- No.4 A tunnel which brs. from Cor. No. 3 S-61-28'-E, 495ft.
4x6ft. 25ft. long, running S-4-10'-E. Value \$250.00
- No.5 A shaft which brs. from Cor. No. 3, S-63-36'-E, 456ft.
5x6ft. 40ft. deep. Value \$400.00

OTHER IMPROVEMENTS.

The S. E. Cor. of a Cabin 12x15^{ft}, bears from Cor. No 4
Cherry lode this Sur. N56.07'W 482 feet.

LEDGES.

These lodes are all in a mineralized belt with stringers
and spurs of ore over the surface generally. The
supposed courses of the veins as shown by the devel-
opment are as follows.

Cliff lode S. 80. 10' E through the center of the claim.
Blue Bell S. 80. 10 E through the center of the claim.
Cherry S. 80. 10 E through the center of the claim.
John & Johnathan N 86. 32' W through Cr. of claim.
Union Jack. N. 86. 32' W through the Cr. of claim.

Instrument.

This survey was made with a Gurley Light Mountain solar
Transit. The courses were deflected from the true meri-
dians determined by direct solar observations. Checked
by observation on Polaris. The distances were measured with
a 50. ft. steel tape.

R. C. Powers

U. S. Deputy Mineral Surveyor.

*Prescott,
Arizona*

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by R. C. Powers
 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 The George A. Treadwell Mining Co
 known as the "Cliff" "Blue Bell" "Cherry" John and Johnathan
and Union Jack
 and showing the respective capacities in which they acted.

- Malcolm M. Treadwell Chairman.
- J. Russell Gaines, Chairman.
- Herbert G. Treadwell, Axman.
- Charles H. Ford, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Malcolm M. Treadwell, J. Russell Gaines, Herbert G. Treadwell,
 and Charles H. Ford do solemnly swear that we assisted R. C.
Powers, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The George A.
Treadwell Mining Company Stamout
by E. D. Treadwell agt, known as the "Cliff" "Blue
Bell," "Cherry" John and Johnathan and Union Jack, represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona

- Malcolm M. Treadwell Chairman.
- J. Russell Gaines, Chairman.
- Herbert G. Treadwell, Axman.
- Charles H. Ford, Flagman.

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

this 15th day of June, 1900

26 4 6

R. C. Powers

Notary Public

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, R. C. Powers, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 27, 1900, 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 The George A. Treadwell Mining Company, known as the Cliff, "Blue Bell", "Cherry", "John and Johnston" and "Union Jack", situate in the Verde Mining District, Yavapai County, Arizona, in Section unsurveyed Township No. _____, Range No. _____ and designated as Survey No. 1468, 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 their 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.

R. C. Powers
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said R. C. Powers
U. S. Deputy Mineral Surveyor, before me a Notary Public, in
and for Yavapai County, A. T. this fourth
day of August, 1900.

Ziba O. Brown
Notary Public.



Affidavit of Five Hundred Dollars Improvements.

We, Malcolm M. Treadwell, and J. Russell Gaines
of lawful age, being first duly sworn according to law, depose and say: that we are
acquainted with the "Cliff" "Blue Bell" et al group of mining claims, situate
in The Verde Mining district, Yavapai County,
Arizona Territory, for which The Gary & Treadwell Mining
Company, by E. D. Treadwell agent
has made application for survey prior to application for patent under the provisions
of the Act of Congress, approved May 10, 1872; and that the labor done and improve-
ments made thereon by the applicant and their grantors exceed Five Hundred
Dollars in value, ^{for each and every claim} and further that we are not personally interested in said mines,

Malcolm M. Treadwell
J. Russell Gaines

TERRITORY OF ARIZONA,
County of Yavapai } ss:

R. C. Powers

Sworn to and subscribed before me, this 15th
day of June, 1890

R. C. Powers

"UNION JACK".

LOCATION NOTICE OF UNION JACK MINING CLAIM.

Notice is hereby given that we, the undersigned, claim 1500 linear feet in length together with 600 linear feet in width on this vein, lead, lode bearing precious metals.

The exterior boundaries of this claim are as follows:

Beginning at the North west corner of the Cliff, at a point about.....feet in an easterly direction from this discovery monument and running in a westerly direction along the north side line of the Maverick to the northwest corner of the Maverick; thence 600 feet in a northerly direction to a point indicated by a stake; thence in an easterly direction to the northwest corner of the Blue Bell, thence 600 feet in a southerly direction along the west end line of the Blue Bell to place of beginning.

This claim is further described as being in the Verde Mining District on the east slope of the Black Hills, about four miles south of Jerome, Yavapai County, Arizona Territory.

Dated on the ground this the 7th day of August, 1898.

G.M. Willard

A.L. Ricker

Locators.

Recorded at request of G.M. Willard, Nov. 5th A.D. 1898, at 11:18 o'clock a.m. in Book 51 of Mines, page 67, records of Yavapai County, Arizona.

(Seal) W.I. Johnson,
County Recorder.

J.H. Forbes, Deputy.

TERRITORY OF ARIZONA,)
COUNTY OF YAVAPAI.) SS:

I, W.I. JOHNSON, County Recorder in and for said County, in said Territory, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "Union Jack" Mining Claim, as the same appears of record in my office in Book 51 of Mines, page 67, records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, this 14th day of March 1900.

W.I. Johnson
County Recorder.



CLIFF--Amended.

NOTICE OF LOCATION.
Quartz Claim.

Know all men by these presents:

That the undersigned in compliance with the Mining Acts of Congress approved May 10th 1872, and all subsequent Acts, and with the Laws of the Territory of Arizona, particularly Act No. 42 of the Legislative Assembly of the Territory of Arizona, approved March 20th, 1895, with regard to the location of mining claims and the amending thereof, ha..this 8th day of January 1897, amended, located and claimed and by these presents do amend, locate and claim by the right of discovery an..amended location, 1500 linear feet on this the Cliff lead, ledge, lode, vein or deposit along the course thereof, being 750 feet in a westerly direction and 750 feet in an Easterly direction, lengthwise of said claim from the center of the discovery shaft, where this notice is posted, in so far as can be determined from present developments together with 300 feet in width of surface ground, on either side of the center of said lead, ledge, lode, vein or deposit at the surface, together with all dips, spurs and variations, and all leads, lodes, ledges or veins within the boundaries of said claim in the Verde Mining District, in the County of Yavapai, the boundaries of said claim being more particularly described as follows, to-wit:

Beginning at a monument of stone built on the center of the north line of said claim, 300 feet from the discovery shaft, running thence in a westerly direction 750 feet to a monument of stone, marking the N.W. corner of said claim; thence in a southerly direction 300 feet to a monument of stone, the same being the center of the West end boundaries of said claim; thence in a southerly direction 300 feet to a monument of stone, being the S.W. corner of said claim; thence 750 feet in an easterly direction to a monument of stone, being the center of the south line of said claim, thence in the same direction 750 feet to a monument of stone, being the S.E. corner of said claim; thence in a northerly direction 300 feet to a monument of stone, the same being the center of the east boundary of said claim; thence in the same direction 300 feet to a monument of stone, marking the N.E. corner of said claim; thence in a westerly direction 750 feet to the point of beginning.

All of which said monuments are three feet high above the surface.

This claim is situate about three miles in a southerly direction from the town of Jerome, and about two miles in a S.W. direction from the ranch formerly known as the Fines' Ranch, and about five miles in a westerly direction from Scotts' Ranch on the Verde River.

This being the same lode, vein or ledge as was originally located on the first day of January 1883, by G.V. Kell, James Fine, and Byron Denary, and recorded on the 26th day of February, 1883, in Book 16, page 572, and the same ledge described in the amended location made on the 22nd day of January 1884 by David Scott, E. Mahurin, Godfrey Vanderin, W.W. Nichols and M.A. Carrier, and recorded on the 25th day of January 1884 in Book 19, page 146.

The original location notice and the amended location notice of said Cliff Mine were respectively posted at a point of discovery as mentioned in said notices.

This further and amended certificate of location is made without waiver of any previously acquired rights of said original location and the amendment thereof; but for the purpose of correcting any errors in the original location and in the amendment, and in the description or record thereof, and for the further purpose of securing to the undersigned all the benefits by virtue of the said Act of the Legislative Assembly of the Territory of Arizona, so approved the said 20th day of March, 1895.

M.A. Carrier
W.W. Nichols
G.M. Willard
David Scott
Lee Man Deren

Recorded at request of Herndon and Norris, Jan. 12, A.D. 1897,

at 4:20 o'clock p.m. in Book 45 of Mines, pages 307 to 309, Records of Yavapai County, Arizona.

(Seal) W.I. Johnson,
County Recorder.

By P.J. Farley,
Deputy.

TERRITORY OF ARIZONA,)
) SS:
COUNTY OF YAVAPAI.)

I, W.I. JOHNSON, County Recorder in and for said County, in said Territory, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Amended Notice of Location of the "Cliff" Mining Claim, as the same appears from the records of my office in Book 45 of Mines, pages 307 to 309, records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, this 14th day of March, 1900.



W. I. Johnson
County Recorder.

Location Notice of the "Bluebell"

Notice is hereby given that we the undersigned, having complied with the Mining Laws of the United States and the Mining Laws of the Territory of Arizona, claim 1500 linear feet in length and 600 linear feet in width on this mineral bearing vein or lode.

The exterior boundaries are described as follows:

Beginning at a point about 300 feet south of this the initial monument on the north boundary line of the Cliff and running thence 750 feet along the Cliff boundary in an easterly direction to the northeast corner of the Cliff; thence 600 feet in a Northerly direction to point indicated by a stake; thence 1500 feet in a West-erly direction to the northwest corner, indicated by a stake; thence 600 feet in a southerly direction to northwest corner of the Cliff, indicated by a stake; thence 750 feet in an easterly direction along the north boundary line ~~to~~ the Cliff to point of beginning.

This mine shall be known as the Bluebell and is further described as lying north of the Cliff and adjoining and parallel with the same and is about three miles south of Jerome on the east slope of the Black Hills, in Verde District, Yavapai County, Territory of Arizona.

Dated on the ground this seventh day of April, 1896.

Locators. (David Scott.
(
(G.M. Willard.

Recorded at request of G.M. Willard, July 1st, A.D. 1896, at 1: o'clock p.m. in Book 44 of Mines, pages 456-457 **, records of Yavapai County, Arizona.

(Seal) F.A. Tittle,
County Recorder.

By H.R. Tittle, Deputy.

TERRITORY OF ARIZONA,)
) SS:
COUNTY OF YAVAPAI.)

I, W.I. JOHNSON, County Recorder in and for said County, in said Territory, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "Bluebell" Mining Claim, as the same appears of record in Book 44 of Mines, pages 456 and 457, records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, this 14th day of March 1900.



W.I. Johnson
County Recorder.

"JOHN AND JOHNATHAN".

LOCATION NOTICE OF JOHN AND JOHNATHAN MINING CLAIMS.

Notice is hereby given that we, the undersigned, claim 1500 linear feet in length together with 600 linear feet in width on this mineral bearing vein lead or lode.

The exterior boundaries of this claim are as follows:

Beginning at a point about 1000 feet easterly from this discovery monument designated and marked southwest corner of the Cliff, running thence in a westerly direction along the south boundary line of the Maverick for a distance of 1500 linear feet to a point indicated by a stake, thence 600 linear feet in a southerly direction to a point indicated by a stake, thence in an easterly direction for a distance of 1500 linear feet to south west corner of the Cherry, thence 600 linear feet in a northerly direction along the west end line of the Cherry to the south west corner of the Cliff, or point of beginning.

This claim is in Verde Mining District on the west slope of the Black Hills, about four miles south of Jerome in what is known as Cliff Cañon.

Dated on the ground this 4th day of August, 1898.

G.M. Willard

A.L. Ricker

Recorded at request of G.M. Willard, Nov. 5th A.D. 1898, at 11:18 o'clock a.m. in Book 51 of Mines, pages 67 and 68, Records of Yavapai County, Arizona.

(Seal) W.I. Johnson,
County Recorder.

By J.H. Forbes, Deputy.

TERRITORY OF ARIZONA,)
COUNTY OF YAVAPAI.) SS:

I, W.I. JOHNSON, County Recorder in and for said County, in said Territory, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "John and Johnathan" Mining Claim, as the same appears of record in Book 51 of Mines, pages 67 and 68, records of Yavapai County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my Official Seal, this 14th day of March, 1900.



W.I. Johnson
County Recorder.

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson Arizona

Oct. 9th 1900, 18

I, U. S. Surveyor General for *Arizona*,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of *The George A. Treadwell Mining Company, E. D. Treadwell, Agt.*

....., known as the

Cliff, Blue Bell, Cherry, John and Johnathan & Union Jack

situate in *Verde* mining district,

Yavapai County, *Arizona*,

in Section *~*, Township No. *~*, Range No. *~*

~, designated as Survey No. *1468*.

executed by *R. C. Powers*, U. S. Deputy Mineral

Surveyor, *June 6-15, 1900, 18*, under my instructions dated

March 17-1900, 18, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

George Christ

U. S. Surveyor General for *Arizona*

Large
Drawing

