

**M  
S  
.**

**0**

**1**

**6**

**3**

**2**

(4-683.)

Mineral Survey No. 1632

Lot No.

GILA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

James D. Blair & Sol. R. Pierce

KNOWN AS THE

"TUSCARORA LODE"

Situated in the WARREN Mining District,

Cochise County, Arizona Territory, on unsurvey-

ed land Section approximately, Township No. 23 South, Range No. 24 East of the Gila and Salt River Base and Meridian

Surveyed under instructions dated January 17th, 1902

by Geo. C. Clark

U. S. Deputy Mineral Surveyor.

Claim located October 25th, 1903, 1

Survey commenced March 21 st 1902, 1

Survey completed March 24th 1902, 1

Claimants Address: - Bisbee, Cochise County, Arizona.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, W. L. Bowron and C. Watson, 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 James D Blair and S. R. Pierce, known as the Tuscarora Lode situate in Warren mining district, Cochise County, Arizona, on unsurveyed lands, Approx. in Section \_\_\_\_\_, Township No. 25 S, Range No. 24 E, Gila & S. R. B & M.

C. Watson, Chainman.  
W. L. Bowron, Chainman.

Subscribed and sworn to by the above-named persons before me this 18th day of March, 1902, 18

J. M. McConnell  
 Notary Public in and for the County of Cochise, Territory of Arizona, by Commission expires \_\_\_\_\_, 1904

I, \_\_\_\_\_, 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 \_\_\_\_\_

known as the \_\_\_\_\_, more fully described in the preceding affidavit.

\_\_\_\_\_, Axeman.

Subscribed and sworn to by the said \_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 18

I, \_\_\_\_\_, 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 \_\_\_\_\_

known as the \_\_\_\_\_, more fully described in the preceding affidavit.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the said \_\_\_\_\_ before me this \_\_\_\_\_ day of \_\_\_\_\_, 18

TUSCARORA

Survey No. 1632

Beginning at cor.No.1,the S.W.cor,identical with locat.  
A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground  
in a mound of stones & scribed 1-1632 T.L.

Whence a rock in place 1x1.9x2.3 ft.chiseled x-1-1632  
B.R.bears N 22°57'E 21.6 ft.and U.S.M.M.No:3 bears  
S 15°47'W 2455.50 ft.

Thence S 85°30'E

300.00 To S end center,a pine post 4 ft.long,4 ins.sq.set 1 ft.  
in the ground in a mound of stones & scribed 1632 T.L.

600.00 Same bearing to cor.No.2,the S.E.cor.identical with  
location,& with cor.No.5 No.One Lode No.1517

A pine post 4 ft.long,4 ins.sq.,set 1 ft.in the ground  
in a mound of stones & scribed 2-1632-T.L.

Whence a flat rock in place,level with the surface,5.6  
x 6.1 ft.chiseled x-2-1632B.R.bears N 14°45'E 198.6 ft.  
and cor.No.1 Crown King Lode,No.1394 bears S 12°09'W  
35.00 ft.

Thence N 12°09'E

905.00 To cor.No.3,identical with corners No.4 & 5 respective-  
ly of the Crown King No.1394 & the Unknown No.1025.

A pine post 5 ft.high,4 ins.sq.,set in a mound of  
stones and scribed 3-1632 T.L.

Whence a rock in place 0.9 x 1.7 x 5.2 ft.chiseled x-  
5-1632 B.R.bears S 27°49'E 96.50 ft.

Thence N 14°47'E

337.00 To wash 16 ft.wide,course S.E.

497.90 Same bearing to cor.No.4,identical with corners No.6 of  
the Granville & Unknown Lodes,Surveys No.respectively,  
1023 & 1025.

A pine post 4 ft.high,<sup>4 ins.sq.</sup> in a mound of stones & scribed  
4-1632-T.L.

Whence a flat rock in place 12 ins.sq,level with the  
surface & chiseled x-4-1632 B.R.bears S 76°42'E 78.2 ft.

Thence N 16°50'E

85.90 To cor.No.5,the N.E.cor.identical with location and  
with cor.No.4 Sunny Side Lode No.1322

A pine post 4 ft.high,<sup>4 ins.sq.</sup> in a mound of stones & scribed  
5-1632-T.L.

Whence a rock in place 1.5 x 3.2 x 3.5 ft.chiseled x-  
5-1632 B.R.bears N 13°56'E 126.10 ft.& U.S.M.M.No.4  
bears N 13°01'E

Feet.

(2)

T  
Thence N 35°30'W

245.00 To stone monument, identical with location for the N end center

350.80 Same bearing to pine post 4 ft. long, 4 ins. sq. in a mound of stones & scribed 1332 T.L. and in addition 7-1332 A.L.

576.80 Same bearing to intersect an E side line of the Alhambra lode No. 1332 at N 26°20'E 506.00 ft. from the S.E. corner

520.00 Same bearing to center wash 10 ft. wide, course S.E.

600.00 Same bearing to cor. No. 6, the N.W. cor. identical with location,  
A pine post 4 ft. high, 4 ins. sq. set 1 ft. in the ground in a mound of stones & scribed 6-1332 T.L. and in addition 6-1332 A.L.  
Whence a lime stone outcrop 3 ft. high, course N & S chiseled on apex x-6-1332 B.R. bears N 80°05'W 153.00 ft.  
Thence S 0°15'W

471.20 To cor. No. 7, identical with the S.E. cor. Alhambra lode No. 1332 & with cor. No. 4 Number Four lode No. 1513  
A pine post 4 ft. high, 4 ins. sq. in a mound of stones & scribed 7-1332-T.L. and in addition 5-1332 A.L. and 4-1513 N.F.L.  
Whence a rock in place 2.5 ft. sq. 6 ins. high, chiseled x-7-1332 B.R. bears S 13°03'E 24.50 ft.  
Thence S 21°52'W

504.00 To E end center No. 4 lode No. 1513

603.00 Same bearing to cor. No. 8, identical with corners No. 5 and 4 respectively of No. Four lode No. 1513 & No. One lode No. 1517  
A pine post 4 ft. long, 4 ins. sq. set 1 ft. in the ground in a mound of stones & scribed -8 1332 T.L.  
Whence a limestone outcrop 15 ft. long, 2 ft. high, chiseled on apex x-8-1332 B.R. bears S 76°18'E 23.50 ft.  
Thence S 15°25'W

427.30 ft. to cor No. 1, the place of beginning.

— LEDGE —

The presumable course of the mineral bearing ledge on this claim, as nearly as can be determined from the present development, is from the S end center monument N 13°18'E 1433.00 ft.

-----IMPROVEMENTS-----

I certify that the value of the labor & improvements on this claim, placed thereon by the claimants is not less than \$500.00 and that said improvements consist of,-

		VALUE
No.1	Discovery shaft 4x6x10 ft bears from cor.No.3 S 31°35' E 505 ft.	100.00
No.2	Shaft 4x6x10ft bears from same point S 33°33'E 540ft	100.00
No.3	" " " " " " " " " " " " 560ft	100.00
No.4	Open cut & Tunnel course N 21° W bears from cor No.5 N 21°28'W 105 ft.. Cut 4x16x10ft. Tunnel 4x6x10ft	208.00
No.5	Open cut 30ftlong 4 ft.wide 10 ft.face course S 6°W bears from cor.No.3 S 57°40'E 520 ft.	180.00
No.6	Open cut 4x12x10ft. course N 7°E bears from cor.No.3 S 60°40'E 310 ft.	80.00
	Total improvements Tuscarora lode	\$748.00

-----LOCATION-----

This claim is located about 1½ miles in a south westerly direction from Bisbee Arizona and about on a line between that place and Don Louis Station on the A. & S. E. R.R. in the Warren Mining District, Cochise County Ariz. Territory. It is on unsurveyed lands, approximately in Township No.25 S Range No.24 E, Gila & Salt River Base and Meridian.

## -- AREA --

STAT.	BEAR	DIST.	LATI.	DEPT.	D.M.D.	
1 - 2	S 85°30'E	600.00	- 47.07	+598.15	+ 598.15	- 23154.92 ✓
2 - 3	N 12°09'E	905.00	+884.73	+100.47	+1566.77	+1336017.02 ✓
3 - 4	N 14°47'E	497.90	+481.42	+127.05	+1704.29	+ 820478.29 ✓
4 - 5	N 16°50'E	85.00	+ 32.22	+ 24.83	+1356.22	+ 152618.41 ✓
5 - 6	N 85°30'W	600.00	+ 47.07	-598.15	+1282.85	+ 60538.46 ✓
6 - 7	S 0°15'W	471.20	-471.20	- 2.08	+ 682.74	- 1408.44 ✓
7 - 8	S 21°52'W	608.00	-564.28	-220.45	+ 454.25	- 258503.82 ✓
8 - 1	S 15°25'W	427.50	-412.91	-112.89	+ 112.89	- 47026.52 ✓

1937511.68

Total &amp; Net Area Tuscarora Lode

19.85 Acres

*18.19*

————— ADJOINING CLAIMS —————

On the North—

Sunny Side & Alhambra Survey No. 1532

Thomas Higgins Owner.

On the East—

Granville, No. 1028, Unknown, No. 1025 Crown

King, No. 1524 South Bisbee Copper Min. Co, Owners

On the South—

No. 1 Lode No. 1517 Copper Queen Mining Co, Owners

On the West

No. 1 Lode No. 1517 " " " " "

No. 4 Lode No. 1518 " " " " "

Alhambra Lode No. 1522 Thomas Higgins Owner

————— INSTRUMENT —————

The survey was made with a Gurley Light Mountain Transit. The courses were deflected from the true Meridian as determined by direct solar observations, checked by an observation on Polaris.

The distances were measured with a 300 ft steel tape  
Magnetic Variation Throughout  $11^{\circ}45'E$

NOTE:—Any disagreement between this survey and those of the adjoining Lodes is due to errors in the latter.

*Geo. C. Clark*

U.S. Deputy Mineral Surveyor

Bisbee, Arizona.

March 24th. 1902



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark  
 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 James D Blair and S. R. Pierce  
 known as the Tuscarora Lode  
 and showing the respective capacities in which they acted.

- W. L. Bowron ..... , *Chairman.*
- C. J. Watson ..... , *Chairman.*
- ..... , *Arman.*
- ..... , *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, W. L. Bowron  
 and C. J. Watson ..... do solemnly swear that we assisted  
Geo. C. Clark ..... United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of  
James D Blair and S. R. Pierce  
 ..... known as the  
Tuscarora Lode ..... 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 .....

- C. J. Watson ..... , *Chairman.*
- W. L. Bowron ..... , *Chairman.*
- ..... , *Arman* .
- ..... , *Flagman.*

Subscribed and sworn to by the above-named persons before me  
 this 24th day of March 1902, 1

J M Leonard

Notary Public in and for the County  
 of Cochise; Territory of Arizona.  
 My Commission expires Jan. 9 1904

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo. C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona Territory, dated January 17th 1902, 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 James D. Blair and S. R. Pierce, known as the Tuscarora Lode, situate in Warren Mining District, Cochise County, Arizona, in Section Approximately, Township No. 25S, Range No. 24E (unsurv.) File & S. R. B. & M. and designated as Survey No. 1632, 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 claimants or 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.

Geo. C. Clark
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark, U. S. Deputy Mineral Surveyor, before me this 24th day of March 1902

J. M. Connelley
Notary Public in and for the County of Cochise, Territory of Arizona. My Commission expires Jan. 9 1904

## Affidavit of Five Hundred Dollars Improvements.

—♦♦♦—

We, W. L. Bowron, and C. J. Watson

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Tucsonona Lode mining claim, situate in Harren Mining district, Cochise County, Arizona Territory, for which

James D. Blain and S. R. Pierce have 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 improvements made thereon by the applicant and grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

C. J. Watson  
W. L. Bowron

TERRITORY OF ARIZONA, }  
County of Cochise } ss:

Sworn to and subscribed before me, this 20th

day of March, 1892

J. M. O'Connell

Notary Public in and for the County  
of Cochise, Territory of Arizona.  
My Commission expires Jan. 9 1904

Notice of Mining Location.

To all whom it may concern: Notice is hereby given that the undersigned, having complied with all the requirements of Chapter 11 XXXII, of Title 6, of the Revised Statutes of the United States, and the local mining laws, rules and regulations, have this day located fifteen hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations with surface ground three hundred (300) feet on each side of the center of vein, with all minerals deposits contained therein; and all timber growing within the limits of said claim, and all water and water privileges thereon or appertaining thereto, under and according to the provisions of the United States mining laws, under which it is located.

This claim commences at this monument and notice placed upon the ledge and runs four hundred feet in a northerly direction and eleven hundred feet in a southerly direction along the ledge. The exterior boundaries are as follows, to-wit: Commencing at a monument of stone at the center of the north end of claim, and running three hundred feet in a westerly direction to a monument of stone at the north west corner of claim; thence in a southerly direction parallel with the ledge fifteen hundred feet to a monument of stone at the south west corner of claim; thence at right angles across the ledge in easterly direction six hundred feet to a monument of stone at the south east corner of claim; thence parallel with the ledge in a northerly direction fifteen hundred feet to a monument of stone at the north east corner of claim; thence at right angles across the ledge in a westerly direction three hundred feet to a monument upon the ledge and place of beginning.

This ledge may be more generally described as situated on the back bone of that ridge which extends north from the McCormack Basin north to the top of the mountain. It extends down both

(i. R. Stamp 10cts cancelled)

slopes for width.

The west side line of the Unknown No. 2 a patented claim, and one of the Campbell group of mining claims from the eastern side line of this claim, in Warren Mining District, Cochise County, Territory of Arizona, and shall be known as the Tuscarora mining claim.

Dated on the ground, this 25th day of October 1898

Witness                                 )                 S. D. Pierce     Locator  
Thos Higgins                         )                 J. D. Blair     Locator.

Filed and recorded at request of S. K. Williams, Oct 28th 1898, at 1 P.M. Book 14 pages 702 Record of Mines.

Territory of Arizona, )  
  :SS.  
County of Cochise.     )

I, Frank Hare County Recorder in and for said County do hereby certify that the above and foregoing, location notice of the "Tuscarora" mining claim, recorded Book 14 page 702, Record of Mines, Situted in the Warren Mining District, Cochise County, Arizona Territory; is a full, true and correct copy as the same appears of record in my said office.

Witness my hand and official seal, this 8th day of January A.D. 1902,

*Frank Hare*

County Recorder.

(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*

*April 14<sup>th</sup> - , 1902*

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 *James W. Blair and*  
*Sol. R. Price*

....., known as the  
*"Tuscarora Lode"*

situate in *Yavapai* mining district,

*Cochise* County, *Arizona*,

in Section *Apprx.*, Township No. *23 S.*, Range No. *24 East, (unsurveyed)*

....., designated as Survey No. *1632*

executed by *George C. Clark*, U. S. Deputy Mineral

Surveyor, *March 21-24 - , 1902*, under my instructions dated

*Jan. 17<sup>th</sup> - , 1902*, 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.

*Hugh H. Price*

U. S. Surveyor General for *Arizona*

# TUSCARORA

## 1632



*Traverse of 87*  
**Sunny Side**  
N° 1382

*Traverse of 1028*  
**Graunville**  
SURV. N° 1028

*Traverse of 82*  
**Alhambra**  
N° 1382

*Traverse of 1025*  
**Unknown**  
SURV. N° 1025

*Traverse of 102*  
**N° Four**  
SURV N° 1518

*Traverse of 69*  
**Crown King**  
SURV. N° 1394

*Traverse of 151*  
**No One**  
SURV N° 1517

Geo. C. Clark U.S.G. M.S.  
March 24 - 1902

