

MS.

00315

LOT NO. 40

Survey No. 315

Field notes

of the survey of the

Columbia

Mining claim

Pioneer

Situate in _____ mining district,

County of Pinal and in Sec. 18, Tp 3 S

Range 12 - E, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Pinal Consolidated

Mining Company.

Survey executed by Gustavus Cox D. S.

Under instructions dated November 17th 1881

Survey commenced November 24th 1881

Survey completed November 24th 1881

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, *T. W. Anderson* and *Martin Fitzmaurice*
do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether 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.

T. W. Anderson,
Martin Fitzmaurice

SWORN to and subscribed before me, this *21st* day
of *November* 188*1*

W. J. Stone
Notary Public
Pinal Co. A.T.

I,
do solemnly swear that I will well and truly perform the duties of
..... according to instructions given me,
and to the best of my skill and ability.

SWORN to and subscribed before me this day
of, 188.....

Field Notes of the survey of the "Columbia"
Mining Claim, situated in Pioneer Mining
District, Pinal County, Territory of Arizona

by Gustavus Cox
U. St. Dep. Mineral Surveyor
under instruction from John Wasson
U. St. Surveyor General, bearing date
of November 17th 1881

Survey of Lode line
November 24th 1881

Variation as p. observation on pole is 13° 30' East
Commencing at the initial monument (the
place of location and middle of Lode, near the
water shed of the west branch of Blue Bird Cañon.
I planted a post of spruce Pine timber 4 ft. long
by 2 x 4 in. sq. 12 in. in the ground in stone
mound. marked on the northerly side S. B. O. L. N. I
and on the southerly side C. M. N. I, from which
a forked Mesquite tree bears to center of fork,
to a Bench mark with Copper tag, S. 50° 10' W.
26.8 ft. dis. the southerly prong which is 5 in.
dia. I marked O. M. N. I. B. T.

The U. St. Mineral Monument N. II bears
South 50° 30' West 475.86 feet dis. Thence
South 16° 30' East Varia. 13° 30' East

- | | |
|---------|--|
| Feet | ascend, at |
| 75.00 | incline shaft 75 ft. deep bears N. 73° 15' E. 25 ft. dis |
| 158.00 | to a shaft 10 ft. deep on ledge |
| 363.00 | cross ravine bearing N and S. |
| 488.00 | air shaft 43 ft. deep bears S. 73° 15' W. 104 ft. dis. |
| 596.00 | a stake with copper tag, 27 ft. S. 16° 20' E. from
the Mouth of the Columbia Tunnel which bears
N. 16° 20' W. bears S. 73° 15' W. 103 ft. dis |
| 792.00 | Ledge the outcroppings of the Lode which shows
the middle of the Lode is the center of the
claim |
| 1214.00 | Cross ravine, the west branch of the Blue Bird
Cañon 10 ft. wide, ascent |
| 1500.00 | I planted a post of spruce Pine timber 4 ft. long by 2 x 4 in.
sq. 1 foot in the ground, in stone mound, marked C. M. N. II
for south. End. center monument of the Columbia Mining |

Field Notes of the Survey of the "Columbia Mining Claim"

Feet

Claim.

A large Boulder in edge of small ravine, with hole drilled in, and a wooden Pin thrown in bears South $31^{\circ}15'$ West 76.56 ft. dis.

The U. St. Mineral Monument N^o. II bears from this Monument, N. $35^{\circ}15'$ W. 1375.8 ft. dis.

From the above established southerly End center Monument of the Columbia Mining Claim I commence the Survey of the Exterior Boundary of the Claim. I run North $73^{\circ}15'$ East Var. $13^{\circ}30'$ East descent.

188.00 cross West branch of Blue Bird Cañon. 10 ft wide bears westerly and Easterly ascent

300.00 I planted a post of spruce pine timber 4 ft. long by 2 x 4 in. square 1 ft. in the ground in stone mound. marked C.M.N^o. III

A sharp pointed ledge of Rock about 25 ft. high bears N. $85^{\circ}45'$ W. 81.84 ft. dis marked ^{CM} N. III B.P.

Thence

North $16^{\circ}30'$ W. Var. $13^{\circ}30'$ East

ascent

170.2 High Bluff of Rock

733.9 small mound of stones (line monument) on top of cliff.

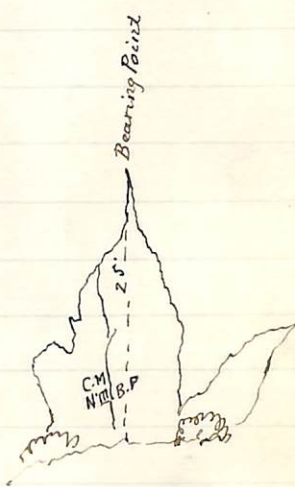
879.8 Mound of stones $3\frac{1}{2}$ ft. high on top of rock diff. (line monument) descent

1500.00 To post of spruce Pine timber 4 ft. long by 2 x 4 in. square in stone mound against the south easterly wall of a nearly perpendicular Bluff of rock about 40 ft. high, the south easterly corner of the Silver Bell Quartz Lode and the north easterly corner of the "Columbia" Mining Claim, marked on the northerly side S.B.O.L.N^o. V and on the southerly side C.M.N^o. IV.

Thence

South $73^{\circ}15'$ West Var. $13^{\circ}30'$ East

300.00 Post 4 ft. long of spruce Pine timber by 2 x 4 in. square in stone mound, the place of location of the Silver Bell Quartz Lode and the Columbia Mining



Field Notes of the Survey of the "Columbia Mining Claim"

Feet	Claims
600.00	To post 4 ft. long 2x4 in. sq. of spruce Pine timber in stone mound, the south westerly corner of the "Silver Bell Quarry Lode", and the north westerly corner of the "Columbia" Mining claims, marked on the northerly side S.B.O.L.N. IV, and on the southerly side C.M.N. V.
	Thence <u>South 16° 30' East</u> <u>Var. 13° 30' East</u> ascent
165.00	cross ridge of mountain spur descent.
336.6	cross trail to Thom's cave on Martinez Cañon
470.6	to mound of stones 2 1/2 ft. high (Levi Monument) on top of Bluff of rocks descent abrupt.
1500.00	To post 4 ft. long by 2x4 in. sq. of spruce Pine timber, in mound of stones against Easterly Wall of high Bluff of rocks, marked C.M.N. VI.
	Thence <u>North 73° 15' East</u> <u>Var. 13° 30' East</u> descent
300.00	To post place of beginning of survey of the exterior Boundary of the "Columbia" Mining claim. <u>Containing an area of 20.66 acres.</u>

Report

The "Columbia" Mining Claim is located near the head of the west branch of the Blue Bird Cañon in a North 60° Easterly direction from Florence and about 8 Miles due North South from Pinal City, Pinal County, in the Pioneer Mining District, Arizona Territory, at an altitude of about 3700 feet above the level of the Pacific Ocean. The surface of this claim is very rough much broken with high Bluffs of rock of Quartzite & Porphyry which form the walls of the Lode. There is no timber on the claim, only scattered Palo Verde and

Field Notes of the Survey of the Columbia Mining Claim

Mesquite. The Lode strikes in a north westerly direction and dips about 54° westerly.

The hanging wall consists of Parphire and the foot Wall of Quartzite.

The work done on this Claim is as follows

1st Inclined shaft 75 feet deep

2^d Air shaft. 43 feet deep

3^d The Columbia Tunnel 336 feet long

4th shaft 10 feet deep 5 x 5 feet

And I hereby certify that the improvements upon this Claim which are made by the applicants exceed in value the sum of Five hundred Dollars

Gustavus Cox
U. S. Dep. Mineral Surveyor

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & MILL SITES.

A LIST of the names of individuals employed to assist in running, measuring, or marking the lines and corners described in the foregoing field-notes of the survey of The Columbia Mining Claim located in Pioneer Mining District, Pinal County, Arizona, showing the respective capacities in which they acted.

J. W. Anderson Chainman.
Martin Fitzmaurice Chainman.
Axeman.
Flagman.

WE hereby certify that we assisted Gustavus Cox U. S. Deputy Surveyor, in surveying The Columbia Mining Claim claimed by The Pinal Consolidated Mining Company located in Pioneer Mining District, Pinal County, and in Township No. _____ Range No. _____ of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

~~Witness to signatures~~
Gustavus Cox

J. W. Anderson Chainman.
Martin Fitzmaurice Chainman.
Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 28th day of November 1881

W. D. Stone
Notary Public.
Pinal Co. A.T.

I, Gustavus Cox U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 17th day of November 1881, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of The Columbia Mining Claims claimed by The Pinal Consolidated Mining Company located in Pioneer Mining District, Pinal County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field notes of such surveys.

Gustavus Cox Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 8th day of December 1881

W. D. Stone
Notary Public
in & for Pinal County
Territory of Arizona



Notice of Location

The undersigned have this day located the mineral ground upon which this notice is placed as a Mining Claim under the laws of the U.S. The said claim shall be known as the "Columbia"

It is situated in Pioneer Mining District Pinal County Arizona, and described as follows. Commencing at this monument of stones where this notice is placed, running thence 150 feet in a southerly direction to another monument of stones by us there erected, and along the ledge lode or vein, and we claim 300 feet on each side of said center line forming a surface parallelogram of 150 feet by 600 feet. This mining ground is about one mile northerly from the Martinez mine, and is distinctly marked on the ground by monuments of stone at each of the four corners of the claim, and at the ends of the center line. It is south of and adjoins the Silver Belle Quartz Lode on the same vein ledge and lode. Dated on the ground this 9th day of December 1880.

Witness } William H. Hampton
 William Hunton } Thomas Farrell
 H. B. Murray.

Filed & Recorded at request of H. B. Murray Dec 15. 1880
 at 10 o'clock P.M. Jos. Devine Recorder
 By Wm. L. Giffins Deputy.

Territory of Arizona }
 County of Pinal }

S. Jno. J. Devine County Recorder in and for
the said County of Ingal do hereby certify that the
above and foregoing is a full true and correct
copy of the Notice of Location of the "Columbia"
mine as the same appears of Record in
my office in Book 5 of Mines Page 5

In Witness Whereof I have hereunto set my hand
and affixed my Official Seal this
2^d day of July A. D. 1881

Jno Devine Recorder
By Wm Guffin Deputy.



Certified Copy of
Notice of Location
Columbia Mine

[Handwritten signature]

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, C. M. Wheeler and W. A. Hall
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Columbian
mining claim, situate in Pioneer
Mining District, Pinal County, Arizona
Territory, for which The Pinal Consolidated Mining Company
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 improvements made thereon by the appli-
cant and its grantors exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

C. M. Wheeler
W. A. Hall

TERRITORY OF ARIZONA,

County of Pinal

SS.

SWORN AND SUBSCRIBED before me, this 30th
day of November 1881.

W. A. Stone
Notary Public in and
for Pinal County,
Arizona Territory



U. S. Surveyor General's Office.

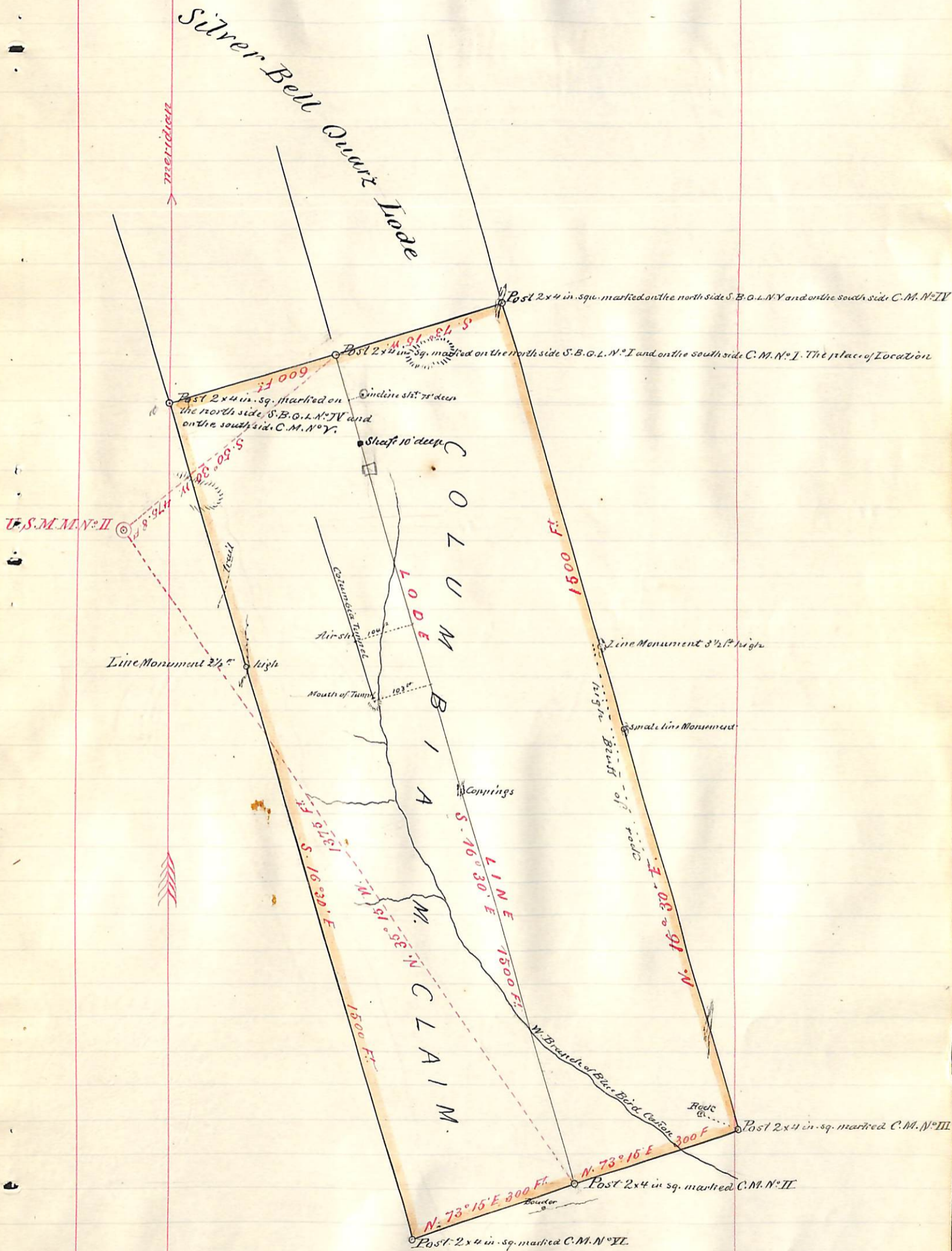
Tucson, Arizona, January 27 1882

The foregoing field notes of the survey of the "Columbia"
 Mining Claim situate in
 the Pioneer Mining District, Pinal
 County, Arizona, claimed by The Pinal Consoli-
 dated Mining Company,
 survey executed by Gustavus Cox Deputy
 Surveyor, under instructions from this office, having been critically examined
 and the necessary corrections and alterations made, the said field notes and
 the survey they describe are hereby approved

John Masson.

Surveyor General.

Silver Bell Quartz Lode



Variation 13° 30' East
 Scale 200 Ft. to one inch