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Mailed 8/18/99

(4-683.)

Mineral Survey No. 1343

Lot No.

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Copper Queen Consolidated Mining Company, Ben Williams, Agent.

KNOWN AS THE

COLUMBIA lode

Warren

Mining District,

Cochise

County,

Arizona

Section, Township 23 South, Range 24 E. (unsurveyed)

Surveyed under instructions dated December 9th., 1898,

by George J. Prokunge U. S. Deputy Mineral Surveyor.

Claim located July 15th., 1898.

Survey commenced December 20th., 1898,

Survey completed December 20th., 1898.

o 6-160

Address of Claimants Agent.

Bisbee, Cochise County.

Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I
 We, Charles James and _____
 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 ^{my} skill and ability, and in accordance with instructions given ^{me} us, in the survey of the Mining Claim of The Copper Queen Consolidated Mining Co., Ben Williams, Agent, known as the "Columbia" lode situate in Warren mining district, Cochise County, Arizona, in Section _____, Township No. 23 S., Range No. 24 E. (unsurveyed)
Charles James, Chainman.
 _____, Chainman.

Subscribed and sworn to by the above-named persons before me this 10th day of December, 1898.

George J. Roskruge
 Notary Public
 My commission expires Feb. 11, 1899.

I, James S. Blair, 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 Copper Queen Consolidated Mining Co., Ben Williams, Agent, known as the "Columbia" lode, more fully described in the preceding affidavit.

James S. Blair, Axeman.

Subscribed and sworn to by the said James S. Blair before me this 10th day of December, 1898.

George J. Roskruge
 Notary Public
 My commission expires Feb. 11, 1899.

I, C. L. Beckwith, 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 The Copper Queen Consolidated Mining Co., Ben Williams, Agent, known as the "Columbia" lode, more fully described in the preceding affidavit.

C. L. Beckwith, Flagman.

Subscribed and sworn to by the said C. L. Beckwith before me this 10th day of December, 1898.

George J. Roskruge
 Notary Public
 My commission expires Feb. 11, 1899.



(1)

Feet.

SURVEY NO.1343.
Columbia lode.

Beginning at Cor. No.1.

Identical with a corner of the location and with Cor. No.5, Sur. No.356, Baxter lode, and Cor. No.6 Sur. No. 973, Hayes lode. The Copper Queen Consolidated Mining Co. Claimant.

A pine post in mound of stone, scribed Baxter M.C. No.5, H.M.C.No.6, and on which I scribe 1-1343, whence

U.S.M.M. No.4, bears S.74°39' E. 2158.6 ft.

Shaft on Sur. No.973 Hayes lode, bears S.81°15' E. 888. ft.

No other bearings available.

Thence S.25° W.

Over rocky ground and on line 6-5, Sur. No.973, Hayes lode.

81. Gulch, 10 ft. wide, 8 ft. deep, course S.E.

90. Intersect line 2-3, Sur. No.864, East Side lode, The Copper Queen Consolidated Mining Company, claimant, at N.1°39' W. 6.3 ft. from Cor. No.2.

98.4 Intersect line 2-1, Sur. No.864, East Side lode, at S.70°12' W. 4 ft. from Cor. No.2.

227. To Cor. No.2.

Identical with a corner of the location.

A rock in place, chiseled cross (x) at corner point, and on which set a pine post, 3 ft. long, 4 ins. square, with mound of stone, scribed 2-1343, whence

Cor. No.1, Sur. No.1015, Surprise lode, The Copper Queen Consolidated Mining Company, claimant, bears S.25° W. 8 ft.

Discovery shaft on this claim bears N.11°40' E. 60 ft.

No other bearings available.

Thence West.

3. To Cor. No.3.

Identical with a corner of the location.

On line 1-2, Sur. No.1015, Surprise lode.

A rock in place, chiseled cross (x) at corner point

- Feet. and on which set a pine post, 3 ft. long, 4 ins. square, with mound of stone, scribed 3-1343, whence
 Cor. No.1, Sur. No.1015, Surprise lode, bears S.5°10' W.
 8.2 ft.
 No other bearings available.
Thence N.5°10' E.
 Over broken ground and on line 1-2, Sur. No.1015, Surprise lode
98. To Cor. No.4.
 Identical with a corner of the location and on line 2-1, Sur. No.864, East Side lode.
 A pine post, 3 ft. long, 4 ins. square, set 12 ins. in the ground, with mound of stone, scribed 4-1343, whence
 Cor. No.2, Sur. No.864, East Side lode, bears N.70°12' E.
 56.ft.
 No other bearings available.
Thence N.28°52' E.
 Over broken ground.
60. Gulch, 10 ft. wide, 5 ft. deep, course S.E.
105. To Cor. No.5.
 Identical with a corner of the location.
 On line 2-3, Sur. No.864, East Side lode.
From which Cor. No. 2 of the East Side lode bears S.1°39' E. 72.9 ft.
 A pine post, 3 ft. long, 4 ins. square, set 12 ins. in the ground, with mound of stone, scribed 5-1343.
 No bearings available.
Thence N.1°39' W.
 Over broken ground and on line 2-3, Sur. No.864, East Side lode
35. Gulch, 10 ft. wide, 6 ft. deep, course East.
177. To Cor. No.6.
 Identical with a corner of the location.
 A rock in place, chiseled cross (x) at corner point, and on which set a pine post, 3 ft. long, 4 ins. square, with mound of stone, scribed 6-1343, whence
 Cor. No.3, Sur. No.864, East Side lode, bears N.1°39' W.
 108.6 ft.
 No other bearings available.
Thence East.
3. To Cor. No.7.
 Identical with a corner of the location,
 On line 6-5, Sur. No.356, Baxter lode.
 A pine post, 3 ft. long, 4 ins. square, set 12 ins.

Feet. in the ground, with mound of stone, scribed 7-1343, whence
 Cor. No.5, Sur. No.638 Belle Isle lode, The Copper Queen
 Consolidated Mining Company, claimant, bears N.14° 30' W.
 103.3 ft.

No other bearings available.

 Thence S.14° 30' E.

Over broken ground and on line 6-5, Sur. No.356 Baxter
 lode.

151. Gulch, 10 ft. wide, 5 ft. deep, course East.

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

 Variation at all corners of the Columbia lode, 11° 40' E.

The survey of the Columbia lode is identical with the
 location.

 AREA.

Total area of the Columbia lode-----	.216	Acres.
Less area in conflict with Sur. No.864,		
East Side lode -----	.044	"
Net area Columbia lode -----	.172	Acres.

 LOCATION.

This claim is located in Warren Mining District, Cochise
 County, Arizona, and will, when the Public Land surveys are
 extended over this section of country, be embraced in
 Tp.23 S., R.24 E. and is bounded on the N.E. by Sur. No.
 356, Baxter lode; on the S.E. by Sur. No.973 Hayes lode;
 on the S.W. by Sur. No.1015, Surprise lode; on the N.W.
 by Sur. No.864 East Side lode, all claimed by the Copper
 Queen Consolidated Mining Company, by Ben Williams, Agent.

 The ledge of the Columbia lode extends throughout the
 center of claim 376 ft. running from the Discovery shaft,
 South Westerly 60 ft. and North Easterly 316 ft.

Length of ledge embraced within lined of No Sur. No.
 864 East Side lode 40 ft. not claimed.

Net length of ledge claimed on the Columbia lode 336 ft.
 running from Discovery shaft in a Southerly direction

(4)

60 ft. and in a Northerly direction 56 ft. to intersection of line 2-1 Sur. No.864 East Side lode, and from intersection of ledge with line 2-3 Sur. No.864 East Side lode running in a Northerly direction 220 ft.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of:

No.1. The discovery shaft of the Columbia lode which bears from Cor. No.2. N.11°40' E. 60 ft. 5 x 5 ft. 22 ft. deep in rock.

Value, \$200.

No.2. 60 ft. of a tunnel 6 x 4 ft. The tunnel enters the Columbia lode at a point N.1°39' W. 122 ft. from Cor. No.5 running thence S.73°30' E. 10 ft., thence S.4°30' E. 50 ft. to breast. The shaft from which this tunnel is driven is on the Hayes lode, Sur. No.973, and bears from Cor. No.1 of the Columbia lode N.81°15' E. 338 ft. dist.

Mouth of tunnel is 137 ft. from top of shaft.

Value of Drift, \$900.

This tunnel has been driven for the development of this claim and surveys No.973, 356, 864. Hayes, Baxter, and East Side lodes, The Copper Queen Consolidated Mining Co., claimant. Value of the last 60 ft. of tunnel has been charged to the Columbia lode.

INSTRUMENT.

This survey was made with a Gurley Light Mountain Transit. The courses were deflected from the true meridian by direct solar observations. The distances were measured with a 100-ft. steel tape.

NOTE: The disagreement between these field notes and the location notice, with regard to the courses of boundary lines, are due to errors in the latter.

Tucson Arizona.
January 10th, 1899.

George J. Roskuge
U.S.D. Minl. Sur.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by George J. Roskruge,
 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 Copper Queen Consolidated Mining Co., Ben Williams, Agent.
 known as the "COLUMBIA" lode
 and showing the respective capacities in which they acted.

Charles James, Chainman.
 _____, Chainman.
James D. Blair, Axman.
C. L. Beckwith, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Charles James, James D. Blair,
 and C. L. Beckwith, do solemnly swear that we assisted George J.
Roskruge, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Copper Queen Consolidated
Mining Co.
 _____, known as the "COLUMBIA" 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.

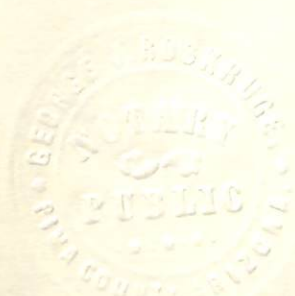
Charles James, Chainman.
 _____, Chainman.
James D. Blair, Axman.
C. L. Beckwith, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 9th day of January, 1899

George J. Roskruge

Notary Public.

My Commission expires February 11, 1899.



(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, ----- George J. Roskruge -----, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ----- Arizona -----, dated December 9th, -----, 18 98, 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 Copper Queen Consolidated Mining Co., Ben Williams, Agent -----, known as the ----- COLUMBIA lode -----, situate in ----- Warren ----- Mining District, Cochise ----- County, ----- Arizona -----, in Section -----, Township No. 23 S., Range No. 24 E. (unsurveyed) -----, and designated as Survey No. 1343 -----, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or --- its --- grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim.

George J. Roskruge
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said George J. Roskruge -----

U. S. Deputy Mineral Surveyor, before me S.K. Williams, A Notary Public in and for Cochise County, Arizona Territory this 9th day of January A. D. -----, 18 99.

S. K. Williams
Notary Public.

(My Commission expires December 15th 1901.)



Affidavit of Five Hundred Dollars Improvements.



We C. L. Beckwith and Charles James

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the COLUMBIA Lode mining claim, situated in Warren Mining district, Cochise County, Arizona Territory, for which The Copper Queen Consolidated Mining Co., Ben Williams, 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 improvements made thereon by the applicant and its grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

C. L. Beckwith
Charles James

TERRITORY OF ARIZONA, }
County of Cochise. } ss.

SWORN to and subscribed before me, this
9th. day of January 1899.

S. R. Williams
Notary Public.
(My Commission expires December 15th, 1901.)

Notice of Location.

Notice is hereby given to all whom it may concern that under and in compliance with the United States Mining Laws, I have this day located and claim the following "Mining Claim" situated within Warren District - County of Cochise, Territory of Arizona and described as follows, Beginning at a Monument of stones standing near center of claim and upon which this notice is posted, extending Northerly 173 feet, distant - to North end of claim, and southerly 210 feet, to south end of claim together with surface ground about 40 ft. in width. The exterior boundary is described as follows to-wit: Beginning at a stake in monument of stones standing at S. W. corner of the Baxter Mining Claim and from which the Initial monument - bears $S 63^{\circ} W$ 22 feet distant, thence with a Magnetic Variation of $11^{\circ} 40'$ East - $S 75^{\circ}$ along West line of the Hayes 227 feet distant - to a monument of stones, Thence West 3 feet distance to a monument of stones, Thence $N 5^{\circ} 18' E$ along East line of the Surprise Mining Claim 98 feet distance to a Monument of stones. Thence $N 29^{\circ} 21' E$ - 103 feet distance to a monument of stones, Thence $W 1^{\circ} 39'$ west along East line of the East Side Mining Claim 179 feet distance to a monument of stones, Thence East 3 feet distance to a monument of stones, Thence $S 14^{\circ} 30' E$ - 165 feet distance to the place of beginning. This claim is bounded upon the east by the Hayes and Baxter Mining Claims and upon the west by the Surprise and East Side Mining Claims, And shall be known as the Columbia Mine.
Located July 15th 1893.

Ben Williams.

Witness

C. L. Beckwith.

Filed and recorded at request of B Williams July
13th A.D. 1893 at 1, 45 P.M.

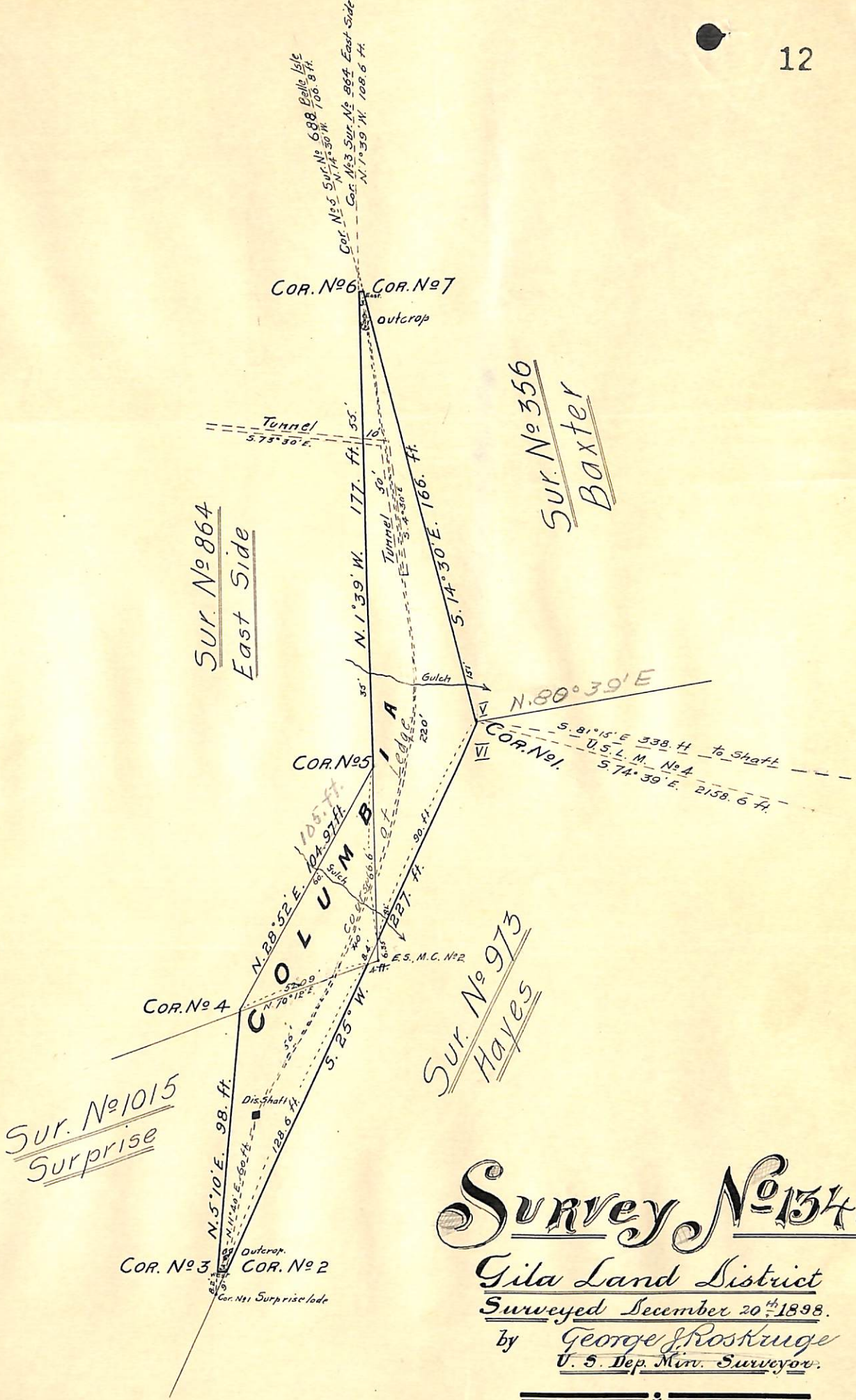
A. Wentworth
County Recorder.

Territory of Arizona,
County of Cochise. } 55.



I, M. J. Brown, County Recorder in and for the County
of Cochise, Territory of Arizona, do hereby certify
that the above and foregoing instrument is a full,
true and correct copy of the location notice of
the "Columbia" Mine, as appears of record in Book
9, Record of Mines, pages 327 and 328, of the Records
of Cochise County, Arizona, now in my office.
Witness my hand and Official Seal, this 27th
day of September, A.D. 1898.

M. J. Brown,
County Recorder,
Cochise Co. Arizona.



SUR. No 864
East Side

SUR. No 356
Baxter

SUR. No 1015
Surprise

SUR. No 973
Hayes

Survey No 1343

Gila Land District
Surveyed December 20th 1898.
by George Proskuge
U. S. Dep. Min. Surveyor.

Scale 50 ft = 1 inch

(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,

Tucson, Arizona,

August 18, 1899.

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 *The Copper Queen Consoli-*
dated Mining Co., Ben Williams, agent,
....., known as the
Columbia,
situate in *Waren* mining district,
Cochise County, *Arizona*,
in Section *1*, Township No. *23 N*, Range No. *24 E. (unsurveyed)*
....., designated as Survey No. *1343*.
executed by *George J. Roskrugs*, U. S. Deputy Mineral
Surveyor, *Dec 20*, 1898, under my instructions dated
Dec 9, 1898, 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*.