

**MS.**

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May 25/99  
Rec'd Dec. 8/99  
Platted  
G. M. G.

(4-683.)

Mineral Survey No. 1331

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

-----MORNING STAR lode-----

-----Warren----- Mining District,

-----Cochise----- County, -----Arizona-----

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

Surveyed under instructions dated December 9th, 18 98,

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

Claim located -----January 2nd-----, 18 88.

Survey commenced -----January 7th-----, 18 88.

Survey completed -----November 3rd-----, 18 98.

o 6-160

Address of Claimants Agent  
Bisbee, Arizona.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, 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 uneyen 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 <sup>my</sup> our skill and ability, and in accordance with instructions given <sup>me</sup> us, in the survey of  
 the Mining Claim of The Copper Queen Consolidated  
Mining Co., Ben Williams, Agent, known as the  
"Morning Star" lode  
 situate in Narren 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 10<sup>th</sup> day of December, 1898.

George J. Roskrue

*My commission expires Feb. 11, 1899*

I, James D. 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 "Morning Star" lode,  
 more fully described in the preceding affidavit.

James D. Blair, Axeman.

Subscribed and sworn to by the said James D. Blair  
 before me this 10<sup>th</sup> day of  
December, 1898.

George J. Roskrue

*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 "Morning Star" 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 10<sup>th</sup> day of  
December, 1898.

George J. Roskrue

*My commission expires Feb. 11, 1899.*



Feet.

SURVEY NO.1331.  
MORNING STAR LODE.

Beginning at Cor. No.1.

Identical with Cor. No.2, Sur, No.354 Mammoth lode, and with Cor. No.2, Sur. No.361, New York lode, The Copper Queen Consolidated Mining Company, claimant.

A pine post in mound of stone, scribed Mammoth M.C.No.2, 2-361 N.Y. and on which I scribe 1-1331, whence

- N.E. Cor. of the location, bears N.50° 39' E. 43 ft.
- U.S.M.M. No.4 bears N.43° 10' W. 1905 ft.
- No other bearings available.

Thence N.66° 54' E.

Over rolling land and on line 2-3 Sur, No.361, New York lode.

48.5 To Cor. No.2.

Identical with Cor. No.4, Sur. No.1056, Little New York lode, The Copper Queen Consolidated Mining Company, claimant

A pine post in mound of stone, scribed 4-1056 L.N.Y. and on which I scribe 2-1331, whence

- N.E. Cor. of the location bears N.41° 49' W. 12,5 ft.
- No other bearings available.

Thence S.41° 49' E.

Descending gradually and on line 4-3 Sur. No.1056, Little New York lode.

125. Gulch, 15 ft. wide, 10 ft. deep, course Easterly.

295. Road, bearing N.E. and S.W.

473.5 To Cor. No.3. Identical with a cor. of the location, and

Identical with Cor. No.3 Sur, No.1056 Little New York lode, and Cor. No.1, Sur. No.1347, Virginia lode, The Copper Queen Consolidated Mining Company, claimant.

A pine post in mound of stone, scribed 3-1056 L.N.Y., 1-1347, and on which I scribe 3-1331, whence

- Shaft No.2 on this lode, bears S.64° W. 205 ft.
- Shaft No.3 on this lode, bears S.60° W. 240 ft.

Feet.	Thence S.33° 37' E.
	Over rolling land and on line 1-6 Sur. No.1347, Virginia lode.
502.5	Gulch, 6 ft. wide, Course East.
594.5	Gulch, 4 ft. wide, Course East.
685.5	Cor. No.6, Sur. No.1347, Virginia lode.
	A post in mound of stones marked 6-1347.
846.5	To Cor. No.4.
	A pine post 3 ft. long, 4 ins. square, set 12 ins. in the ground, with mound of stone, scribed 4-1331, whence
	S.E. Cor. of the location and Cor. No.5, Sur. No.1026
	Hardscrabble lode, The South Bisbee Copper Mining
	Townside and Developing Company, claimant, bears
	S.33° 37' E. 66.1 ft.
	No other bearings available.
	----- Thence S.50° 39' W.
	Ascending over rolling land.
278.2	To Cor. No.5. Identical with South <sup>end</sup> center monument.
	A pine post 3ft. long. 4 ins. square, set 12 ins. in the ground, with mound of stone, scribed, 5-1331, whence
	Cor. No.4, Sur. No.1026, Hardscrabble lode, bears
	N.64° 10' E. 45.6 ft.
	No other bearings available.
	----- Thence S.64° 10' W.
	Over nearly level land and on line 5-3. Sur. No.1026 Hardscrabble lode.
254.9	To Cor. No.6
	Identical with Cor. of location and Cor. No.3 Sur. No. 1026 Hardscrabble lode.
	A pine post in mound of stone, scribed H.S.M.No.3 and on which I scribe 6-1331.
	No bearings available.

(3)

	<p>Feet. Thence N.17°47' W.</p> <p>Over broken land and on East side line of the Del Norte lode claim, unsurveyed, Tom Higgins, Claimant.</p>
257.	Gulch, 10 feet wide, course N.E.
327.	Gulch, 4 feet wide, course N.E.
467.3	To Cor.No.7. Identical with a cor, of the location.
	<p>A pine post, 3 ft, long, 4 ins, square, set 12 ins, in the ground, with mound of stone, scribed 7-1331, whence</p> <p>Shaft No, 6 on this lode, bears N.23° W. 368 feet.</p> <p>Cut No.7. on this lode, bears N.19° E. 110 feet.</p>
	<p>Thence S.68°42' W.</p> <p>Ascending over gently rolling land and along the North end line of said Del Norte lode claim.</p>
65.	To Cor.No,8. Identical with a cor. of the location.
	<p>A pine post, 3 feet long, 4 ins, square, set 12 ins, in the ground, with mound of stone, scribed 8-1331.</p> <p>No bearings available.</p>
	<p>Thence N.47°21' W.</p> <p>Over rolling land and along East end line of the Galena lode claim, unsurveyed, The Lowell and Arizona Mining Company, Claimant.</p>
611.	To Cor.No,9. Identical with a Cor. of the location.
	<p>A pine post, 3 feet long, 4 ins, square, set 12 ins, in the ground, with mound of stone, scribed 9-1331.</p> <p>No bearings available.</p>
	<p>Thence N.48°04' W.</p> <p>over broken land and along the Easterly end line of the Black Jack lode claim, unsurveyed, The Copper Queen Con. Mining Company and W.M.Kendall, Claimants.</p>
12.	Road, bears N.E. and S.W.
110.	Gulch 15 feet wide, bears N.E.
212.	To Cor.No.10. Identical with corner of the location and on line 8-4 Sur, No, 354. Mammoth lode.

Feet.

A pine post, 3 feet long, 4 ins square, set 12 ins, in the ground, with mound of stone, scribed 10-1331.

whence

Cor. No. 6, Sur. No. 354 Mammoth lode, bears S. 50° 39' W.  
44.5 feet.

No other bearings available.

-----  
Thence N. 50° 39' E.

Over gently rolling land and along line 3-4 Sur. No. 354 Mammoth lode.

83. Gulch, 20 feet wide, course S.E.  
 254. South <sup>end</sup> Center mon, Sur, No. 354 Mammoth lode.  
 299.7 North <sup>end</sup> center of the location, a pine post marked N, Ct, M.S.  
 550.9 To Cor. No. 1. the place of beginning.

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Variation at all corners of the Morning Star lode  
12° East.

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Area.  
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Total and net area of the Morning Star lode, 15.62 acres.

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Location.  
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This claim is located in the Warren Mining District, Cochise County, Arizona, and will, when the Public Land surveys are extended over this section of country, be embraced in T<sub>p</sub>, 23 S., R. 24 E. Gila and Salt River Meridian, and is bounded on the North by Sur, No, 354. Mammoth lode and Sur. No. 861 New York lode, on the East by Sur, No, 1058 Little New York. lode, and Sur, No, 1347 Virginia lode, all claimed by the Copper Queen Consolidated Mining Company, and by the Baton Rouge, <sup>an</sup> ~~unsurveyed,~~ ~~Tom Higgins, Claimant,~~ On the South by Sur, No, 1026 Hardscrabble lode, The South Bisbee Copper Mining and Development Company, claimant, on the West by the Del Norte lode claim, unsurveyed, Tom Higgins Claimant, the Galena lode claim, unsurveyed, The Lowell and Arizona Mining Company Claimant, and the Black Jack lode claim,

unsurveyed, The Copper Queen Consolidated Mining Company and W.M. Kendall, Claimants.

The course of ledge of the Morning Star runs through out the center of claim 1331 feet, running from Discovery shaft, S.34°50' E. 640 feet, to Cor. No. 5. and N.34°50' W. 199 feet, thence N.41°20' W. 492 feet, to North <sup>and</sup> center location monument.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

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

*Course*  
No. 1. The Discovery Shaft of the Morning Star lode, ~~which is on the center line~~ <sup>brs N. 34°50' W.</sup> 640 feet, from Cor. No. 5. 8 x 4 feet, 8 feet deep in rock. Value \$75.00.

No. 2. A shaft, which bears from Cor. No. 3. S. 64° W. 205 ft. 6 x 4 ft, 10 feet deep in rock. Value \$100.00.

No. 3. A Shaft, which bears from Cor. No. 3. S. 60° W. 240 ft. 6 x 4 ft, 10 ft, deep in rock. Value \$100.00.

No. 4. A Cut, the face of which bears from Cor, No. 3. S. 33° 30' W. 295 ft, 5 ft, wide, 7 ft, face, running S. 56° E. 23 ft, at end of which a shaft, 6 x 4 ft, 30 ft, deep, and from mouth of which a tunnel, 6 x 4 ft, running S. 56° E. 10 ft, all in rock.

Value of Cut, Shaft and Tunnel, \$500.00.

*Course*  
No. 5. An excavation, ~~on the center line~~ <sup>brs S. 41° 20' E.</sup> 486 ft, from N. <sup>E</sup> cen, loc mon, 2 ft, wide, 4 ft, long, 3 ft, deep, in earth and rock. Value \$3.00.

No. 6. A shaft, which bears from Cor, No. 7. N. 23° W. 368 ft. 6 x 5 ft, 20 ft, deep, in rock. Value \$200.00.

No. 7. A Cut, the face of which bears from Cor, No. 7. N. 19° E. 110 ft, 5 ft, wide, 9 ft, face, minning N. 50° W. 21 ft, in rock. Value \$150.00.



*Course*  
 No.8.A Cut, the face of which is ~~on the center line~~ *dir. N. 34° 50' W.*  
 246 ft, from Cor.No.5.6 ft, wide, 8 ft, face running S.34°  
 50' E.40 ft, in earth and rock.

Value \$200.00.

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INSTRUMENT.

This survey was made with a Gurley Light Mountain  
 Transit. The courses were deflected from the true mer-  
 idian, as determined by direct solar observation.  
 The distances were measured with a 100 ft, steel tape.

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Note:- Found a discrepancy of 4.6 ft. in the measure-  
 ment of Sur.No.354 Mammoth lode between cors, No, 2 & 3.  
 also found a discrepancy in measurement of Sur, No.1056  
 Little New York lode of 2.5 ft, between Cors.4 and 3.  
 and also found a discrepancy of 0.57' in course of  
 Sur.No.1026 Hardscrabble lode between cors, 3 and 5.

I carefully proved my work and found my measurements  
 and courses correct.

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Tucson, Arizona.

November 10th, 1899.

*George J. Roskruge*

U.S. Deputy Mineral Surveyor.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by George J. Roskruger  
 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 Morning Star Lode  
 and showing the respective capacities in which they acted.

Charles James, Chairman.  
James D. Blair, Axeman  
C. L. Beckwith, Flagman  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Charles James, James D. Blair  
 and C. L. Beckwith, do solemnly swear that we assisted George J.  
Roskruger, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of The Copper Queen  
Consolidated mining Co Ben Williams, Agent  
 \_\_\_\_\_, known as the Morning Star  
 \_\_\_\_\_, 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, Chairman.  
 \_\_\_\_\_, Chairman.  
James D. Blair, Axeman  
C. L. Beckwith, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 3<sup>rd</sup> day of November, 1899.

George J. Roskruger  
 Notary Public.

My Commission expires Feb, 16th, 1903.



(4-686.)

## FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, George J. Roskrige, 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, 1898, 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 Morning Star 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. 1331, 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. Roskrige  
U. S. Deputy Mineral Surveyor.

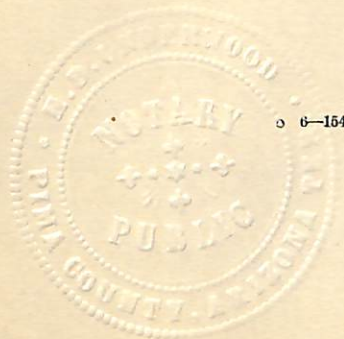
Subscribed and sworn to by the said George J. Roskrige.

U. S. Deputy Mineral Surveyor, before me H. D. Underwood, a Notary Public  
in and for Pima County, Arizona Territory, this eleventh  
day of November A. D. 1899.

H. D. Underwood

Notary Public

MY COMMISSION EXPIRES July 7, 1903.



# 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 MORNING STAR 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.)

## Location Notice,

Notice is hereby given, that the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10<sup>th</sup>, 1872, I have this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of Mineral bearing quartz, and 300 hundred feet in width on each side of the middle of said lead, lode or vein, situated in the Warren Mining District, County of Cochise, Territory of Arizona, and more particularly described as follows, to-wit:

Commencing at this monument of stones, being the center of the north end of claim, and upon which this notice is posted, thence west 300 feet to a monument of stones; thence south 1500 feet to a monument of stones; thence east 300 feet to a monument of stones; being the center of the south end of claim; thence east 300 feet to a monument of stones; thence north 1500 feet to a monument of stones; thence west 300 feet to the place of beginning.

This claim is located one mile from Bisbee. East in mule pass formerly known as Empire mine, and shall be known as the Morning Star mine. Located January 2<sup>nd</sup>, 1888.

Locator

C. H. Christiansen.

Filed and recorded at request of E. H. Christensen  
January 3<sup>rd</sup> 1888 at 9-a.m.

W. F. Bradley

County Recorder,

Recorded in Book 11 Record of Mines Page 429.

Territory of Arizona }  
County of Cochise } ss

I, Quintworth County  
Recorder in and for the County of Cochise,  
do hereby certify that the above and  
foregoing is a full true and correct  
copy of the location notice of the  
Morning Star Mining claim situated  
in the Warren Mining District Cou=  
nty and Territory aforesaid, as appears  
of record now in my office in Book 11  
Record of Mines, Page 429.

In witness whereof, I have hereunto set  
my hand and affixed my official  
seal, at my office, in Tombstone, this 30<sup>th</sup>  
day of December, A.D. 1895,

Quintworth

County Recorder,

*Morning Star*

33 32 31 30 29 28 27 26 25 24 23 22 21 20 19 18



17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

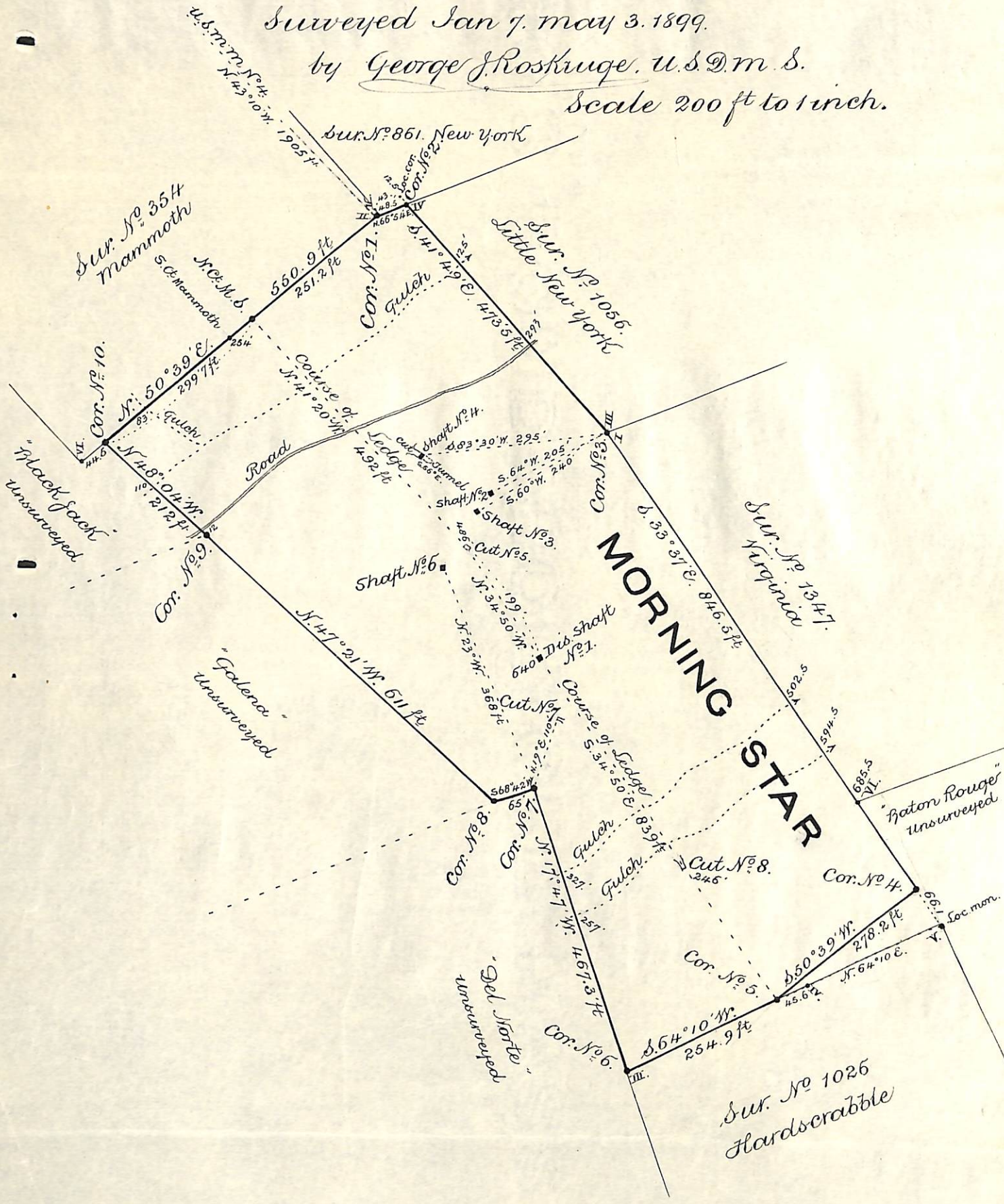
Survey No. 1331.

Gila Land District.

Surveyed Jan 7. May 3. 1899.

by George J. Roskrige, U.S.D.M.S.

Scale 200 ft to 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.

January 13", 1900.

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  
Morning Star lode  
situate in Warren mining district,  
Cochise County, Arizona,  
in Section —, Township No. 23 S., Range No. 24 E. (unsurveyed.)  
....., designated as Survey No. 1331  
executed by George J. Roskrige, U. S. Deputy Mineral  
Surveyor, Jan'y 7- Nov. 25, 1899., 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.