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Jan. 31 1905
Examined
S. C.

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FEB 13 1905

(4-683.)

Mineral Survey No. 1983

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Imperial Copper Co

KNOWN AS THE

Red Ridge

Silver Bell

Mining District,

Pima

County,

Ariz.

Section Approx, Township 12S, Range 8E unsurveyed

Surveyed under instructions dated Sept 12, 1904

by

John A. Rockswold
U. S. Deputy Mineral Surveyor.

Claim located April 6, 1904

Survey commenced Dec 1, 1904

Survey completed Dec 15, 1904

o 6-160

Address of claimant's attorney

Ben. Goodrich

Tombstone

Ariz.

See line O.K.
Areas O.K.
Ledge lines O.K.
2/13/05

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, Robert B Stewart and Fred S Pitkin,

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 Imperial Copper Co.

TERMINITY OF ARIZONA,
County of Pima } ss.

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Before me, G W Diez, a Notary Public
in and for the County of Pima Territory of Arizona, on this day personally appeared Robt B Stewart and Fred S Pitkin
known to me to be the persons whose name is subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office, this 30 day
of Sept A. D. 1904

(My Commission expires Sept 7 1904)
G W Diez
Notary Public.

No. 130.—ACKNOWLEDGMENT—The H. H. McNeil Company's Red-Line Blanks, Phoenix, Arizona.

perform the duties of chain carrier, in the survey of the Mining Claim of

known as the _____
more fully described in the preceding affidavit.

_____, Assessor.

Subscribed and sworn to by the said _____

_____ before me this _____ day of _____, 190_____

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 _____, 190_____

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Robert B Stewart and Fred S Pitkin,

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 Imperial

Copper Co
known as the Red Ridge

situate in Silver Bell mining district

Pima County, Arizona

in Section , Township No. 12 S., Range No. 8 E

Robert B Stewart, Chairman.

Fred S. Pitkin, Chairman.

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

30th day of November, 1904

John Doan Justice of Peace
Silver Bell Precinct Pima County
Arizona

I, _____, do solemnly swear that I will well and truly perform the duties of axman, 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.

_____, Axman.

Subscribed and sworn to by the said _____

_____ before me this _____ day of _____, 190_____

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 _____, 190_____

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Survey No. 1983 Red Ridge Lode

Beginning at Cor. No. 1, identical with location, the N^WW¹ Cor. of claim, situate within the boundaries of the Billy lode, Survey No. 1987: a pine post 4 ins. sq., 3 ft. high in mound of stone, scribed N^WW¹C.-R.R. to which I add 1-1983;

Whence, va. 14°E.

1- U.S.L.M. No. 1204 bears N69°23'W 3116.1 ft.

2- A cross X and B T 1-1983, scribed on a blaze on a palo verde tree 5 ins. diam., bears N 70°25'W 24.4 ft.

3- A cross X and B R 1-1983 chiseled on a limestone rock 30x24x18 ins. bears S 50°17'W 30 ft.

Feet Thence S 31°40'E

103.6 Intersect side 3-4 of the Billy lode, Sur. No. 1987, at S 66°50'W 149.3 ft. from Cor. No. 4, a pine post 4 ins. sq. in ~~no~~ mound of stone, scribed 4-1987; also cor. No. 3 of the Imperial lode, Sur. No. ~~1813~~, a pine post 4 ins. sq. in a mound of stone, scribed 3-1813.

192.3 Chisel a cross X and W.C.E.-R.R. 1983 on an iron rock in place 48x30x36 ins. for witness to W.Center end.

303.15 Point for W.C.End falls in cut close to railroad track.

343.0 Center of R.R. track, switchback, brs. S.E. & N.W.

599.6 Intersect line 3-4 Southern Beaut. lode, Sur. No. 1813 at S 66°51'W 265.9 ft. from Cor. No. 3; also point for Cor. No. 3 Imperial lode, Sur. No. 1813 within R.R. cut.

606.3 To Cor. No. 2 a track spike driven in the bottom of rock cut witnessed by a cross X chiseled on limestone face of rock-cut S 66°38'W 1.6 ft. I add W.C. 2-1983.

Whence(from true Cor.)

1- A cross X and B R 2-1983 chiseled on iron face of cut brs. S 43°30'E 15.6 ft..

2- A cross X and B R 2-1983 chiseled on iron rock in place 36x30x24 ins. brs. N 12°10'E 54.0 ft.

3- A cross X and B R 2-1983 chiseled on hard limestone face of cut brs N 52°30'W 16.1 ft.

Thence N 66°38'E
Va. 14°45'E

- 10.00 Center of track, switch, brs. S.S.E.& N.N.W.
- 22.2 Center main track switchback, brs S.S.E.& N.N.W.
- 52.6 Center of main track below switchback brs. S.E.&N.W.
- 127.0 Gulch 40 ft. wide, course N.N.W.
- 265.4 Intersect lines 3-2 Southern Beauty lode Sur.No.1813 and 4-1 Enterprise lode at S 27°50'E 5.57 ft. from corners 3&4 respectively.
- 1500.0 To Cor.No.3, identical with location, a pine post 4 ins. sq. 3 1/2ft. high, in a mound of stone, scribed S E C-R R to which I add 3-1933.

Whence, Va. 16°25'E

- 1- A cross X and B R 3-1933 chiseled on face of limestone 18x12 ins. brs. S 40°50'E 9.1 ft.
- 2- A cross X and B R 3-1933 chiseled on face of limestone 10x6 ins. brs. S 5°45'W 7.7 ft.

Thence N 31°40'W

- 3.2 Intersect line 4-3 Enterprise lode at N 56°45'E 1234.7 ft. from Cor.No.4.
- 303.15 E.C.End, a pine post 4 ins.sq., 3 1/2 ft. high in mound of stone, scribed E.C.E.-R.R., to which I add 1933.
- 606.3 To Cor.No.4, identical with location, a pine post 4 ins.sq. 3 ft. high in mound of stone, scribed N E C-R R, to which I add 4-1933.

Whence Va. 14°20'E

- 1- A cross X and B R 4-1933, chiseled on a granite rock 6x4x4 ft. brs. S 16°50'W 36.9 ft.
- 2- A cross X and B R 4-1933 chiseled on a granite rock 24x12x6 ins. brs. N 3°03'E 17.9 ft.

Thence S 66°38'W

- 1145.0 Bluff point brs N N.W& S.S.E.
- 1302.9 Intresect line 4-5 Billy lode, Sur.No.1987 at N 5°55'W 108.ft. from Cor.No.4.

Note: From said Cor.No.4, Billy lode

- 1- A mound of stone brs. S 69°50'E 27.0 ft.
- 2. A post in a mound of stone marked in pencil "Southerly end

of Klondyke" bears S 86° 00'E, 321.9 ft.

3)-A post (unmarked) in mound of stone brs. S85°43'E, 438.5ft.
And from this point a post (unmarked) in a mound of stone
bears S73°58'E, 209.5 ft.

1343.0 Center of gulch 20ft. wide;

1500.0 To cor. No. 1, the place of beginning.

Area-----20.660 Acres.

Less area in conflict with So. Beauty.....0.037 acres

Less area in conflict with Enterprise..... 0.124 acres

Less area in conflict with Billy.....0.409 acres

Net area Red Ridge lode..20.090 acres

Location.

This claim is located in the Silver Bell Mining District
Pima Co., Ariz., in approximately Tp 12 S, R 8 E, unsurveyed.

The presumed course of the lode is N 66° 38' E, 118 ft.
1506 ft. from End center to End center
~~and S 63° 30' W, 1382 ft. to the E. center end and the
W. Center End monuments of the claim, from the point of
discovery.~~ The ledge is broad, extending both sides of the
lode line at the point of discovery.

Surrounding claims are: on the north, Klondyke lode,
unsurveyed, Carrigan and Biggs claimants, Billy lode, Sur.
No. 1987; on the south, Enterprise lode, Sur. No. 1814, and
Southern Beauty lode, Sur. No. 1813; on the west, Imperial lode,
Sur. No. 1813 and Billy lode, Sur. No. 1987, all
claimed by the Imperial Copper Co.

Expenditure of \$500.00

I certify that the value of labor and improvements upon
this claim, placed thereon by the claimants and ~~their~~ ^{its} grant-

ors, is not less than \$500.00, and that they consist of:
1)- Discovery shaft, which bears from E. Center End S 71°
45'W, 118 ft. Shaft is 6X4 ft. 10 ft. deep.

Value.....\$100.00

And work as follows, from point on line 1-2 N 31°40'W,
51 ft. from cor. No. 2.

2)) N 73°15'E, 114 ft. a shaft 6X5 ft/ 35 ft. deep,
95 ft. Value.....\$350.00

3))- N 35°15'E a shaft partly filled from R.R. cut, 6 X 5 ft.
more than 10 ft. deep,

Value more than \$100.00

Other improvements:

A cut and tunnel, the mouth of which bears from Cor.
No. 4, Billy lode (described in topography of line 4-1)

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N 30°00'E 88 ft. Cut 13x6 ft. 10 ft. face, course N 60°E
Thence tunnel same course, 6.5 ft. Carrigan and Biggs
claimants.

Instrument.

This survey was made with a Young and Sons Mountain Transit
(No. 6855) Provided with Smith Solar Attachment. The courses
were deflected from true meridian as determined by direct
solar observations; the distances were measured with 100
and 500 ft. ^{Steel} tapes. Note; any discrepancies between the courses
and distances of this survey and those contiguous or ad-
joining surveys are due to errors in the latter.

Tombstone, Ariz.

January 16, 1905.


U.S. Dept. Min. Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Robert Rockfellow
 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 Imperial Copper Co
 known as the Red Ridge
 and showing the respective capacities in which they acted.

Robert B. Stewart, Chairman.
Fred S. Pitkin, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Robert B. Stewart
 and Fred S. Pitkin, do solemnly swear that we assisted John A
Rockfellow, United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The Imperial
Copper Co.
 known as the Red Ridge
 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

Robert B. Stewart, Chairman.
Fred S. Pitkin, Chairman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 15
 day of December, 1908

W. White
 Notary Public

My commission expires
 Sept 7 1908
 918915m3-03

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Sept 22nd 1904, 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 Imperial Copper Co, known as the Red Ridge, situate in Silver Bell Mining District, Prima County, Ariz, in Section Appex, Township No. 12S, Range No. 8E unsurveyed and designated as Survey No. 1983, 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 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.

John A. Rockefeller
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Rockefeller
U. S. Deputy Mineral Surveyor, before me Frank Woodbody a Notary
Public Cochise County Arizona this 17th
day of January 1905
My Commission expires April 12th 1905
Frank Woodbody
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, C. O. Moss, and Robert B. Stewart

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Red Ridge mining claim,

situate in Sierra Vista Mining district, Pima County,

Arizona Territory, for which The Imperial Copper 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 applicant and the grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

C. O. Moss

Robert B. Stewart

TERRITORY OF ARIZONA,

County of Pima } ss:

Sworn to and subscribed before me, this 15

day of December, 1908



J. M. [Signature]
Notary Public

69861500-2-03

My commission expires
Sept 7 1908

Red Ridge Mining Claim.

Notice of Mining Location: Lode Claim, To all whom it may concern:

This mining claim, the name of which is the Red Ridge Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by Ben Goodrich, the undersigned, on the 6th day of April 1904. The length of this claim is Fifteen Hundred feet, and I claim Thirteen Hundred eighty five feet in a southwesterly direction and one hundred fifteen feet in a northeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three hundred feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is North $66^{\circ}50'$ East and South $66^{\circ}50'$ West. The claim is situated and located in the Silver Bell Mining District, in Pima County, in the Territory of Arizona, and adjoining the Imperial Lode Survey No. 1813 on its North East end; and adjoining the Enterprise and Southern Beauty Lode Survey No. 1814 on the South West. The surface boundaries of the claim are

marked upon the ground as follows:

Beginning at a post and monument of stone at a point South $66^{\circ}50'$ West 1385 feet from the discovery shaft (at which this notice is posted), being in the center of the South West end line of said claim; thence South $31^{\circ}40'$ East 300 feet to a post and monument of stone being the South corner of said claim, also being corner No. 2 of the Imperial Lode, thence North $66^{\circ}51'$ East 1500 feet, along the northerly side lines of the Southern Beauty & Enterprise Lodes to a post and monument of stone, being at the East corner of said claim; thence North $31^{\circ}40'$ West 300 feet to a post and monument of stone, at the center of the North East end line of said claim; thence North $31^{\circ}40'$ West 300 feet to a post and monument of stone, being at the North corner of said claim; thence South $66^{\circ}50'$ West 1500 feet to a post and monument of stone at the West corner of said claim; thence South $31^{\circ}40'$ East 300 feet to the place of beginning. All done under the provisions of Chapter Six, of Title xxxii, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16th 1901.
Dated and posted on the ground this 6th day of

april 1904.

attest:

Stephen O Andros.

Ben Goodrich

Filed and recorded at request of Ben Goodrich
April 11, 1904 at 9 a. m.

Charles A. Shubell

County Recorder

Territory of Arizona, }
County of Pima. } ss.

I, *Charles A. Shubell* County Recorder in and for the County of

Pima, do hereby certify that the above and foregoing is a full, true and correct copy of the *Red Ridge Mining Claim, situated in Silver Bell Mining District, Pima County, A.T. located April 6th 1904 and recorded April 11, 1904.*

as appears of Record now in my office in Book *J. J. Record of mines* Pages *402 et seq.*

In Witness Whereof, I have hereunto set my hand and affixed my official seal, at my office in Tucson, this *8th* day of *September* A. D. 19*04*

Charles A. Shubell
County Recorder of Pima County, Arizona.

certified copy of the
Red Ridge mining claim

Fee \$1.25

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.

March 30, 1905

I, U. S. Surveyor-General for the 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 Imperial Copper Co.,

known as the

Red Ridge,

situate in Silver Bell, Mining District, Pima, County, Arizona.

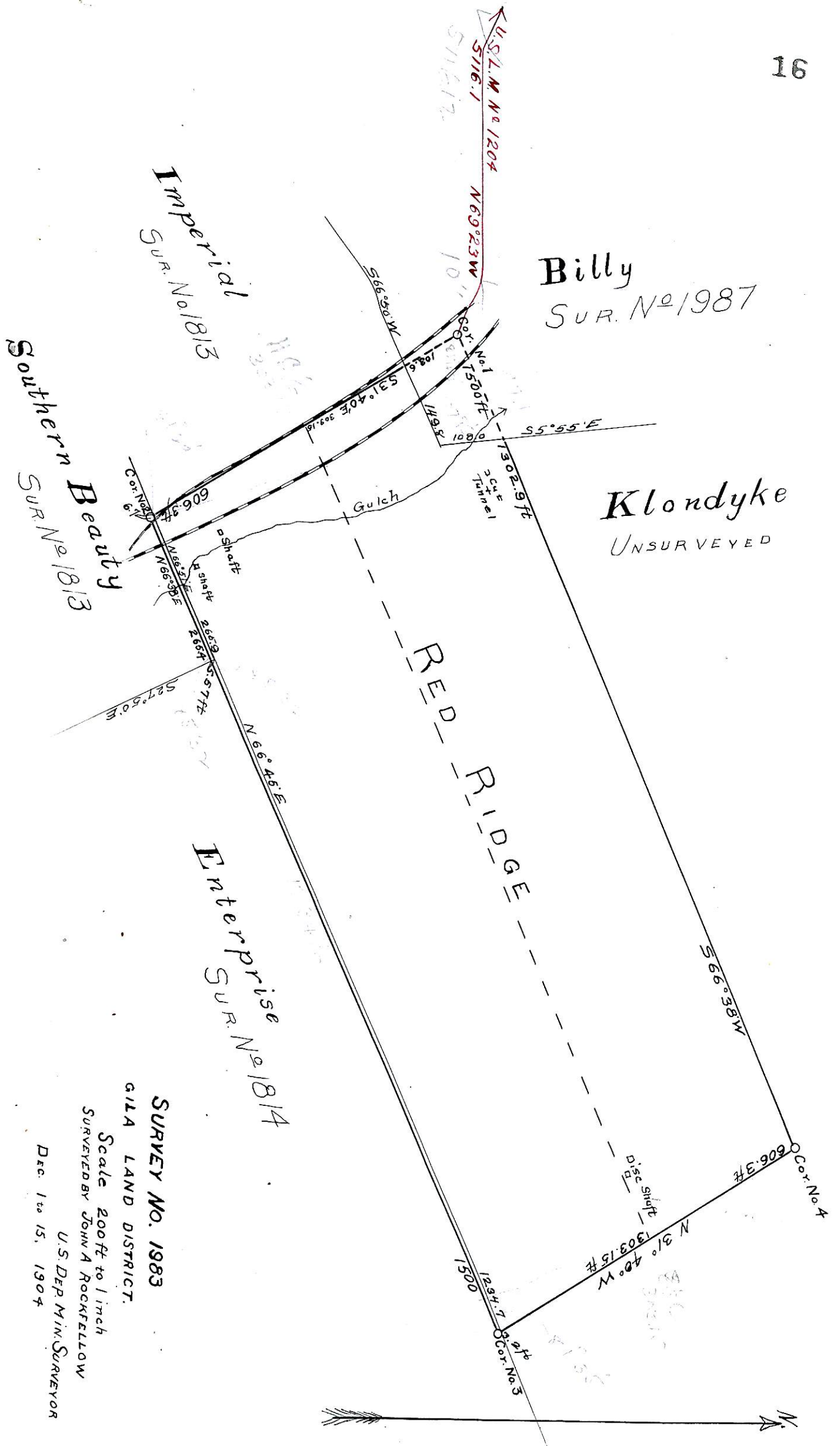
in Section Township No. 12 S., Range No. 8E. unsurveyed, designated as Survey No. 1983.

executed by John A. Rockfellow, U. S. Deputy Mineral Surveyor, Dec. 1 to 15, 1904, under my instructions dated Sept. 12, 1904, have been critically examined and the necessary cor-

rections 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.

[Handwritten signature]

U. S. Surveyor-General for Arizona.



SURVEY NO. 1983
 GILA LAND DISTRICT.
 Scale 200ft to 1 inch
 SURVEYED BY JOHN A ROCKFELLOW
 U.S. DEP. MIN. SURVEYOR
 Dec. 15, 1904