

MS.

01812

7/1/03

(4-683.)

Mineral Survey No. 1812

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Donald Macpherson

KNOWN AS THE

Red Jacket + Northern Light
Warren

Mining District,

Cochise County, Arizona

Section _____, Township 23S, Range 2W unsurveyed

Surveyed under instructions dated June 15th, 1903

by Geo O Clark,

U. S. Deputy Mineral Surveyor.

Claim located Red Jacket June 11th 1902
Northern Light No. 18-1402

Survey commenced June 23^d, 1903

Survey completed June 25th, 1903

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, H. D. Hannah and P. L. Smith

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

Donald Macpherson
known as the Red Jacket + Northern Light
situate in Warren mining district
Cochise County, Arizona
in Section , Township No. , Range No. unsurveyed

F. L. Smith, Chainman.

H. D. Hannah, Chainman.

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

23^d day of June, 1903

R. G. McDonald

Notary Public in and for the County
of Cochise, Territory of Arizona.
My Commission Expires Dec. 23, 1903.

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

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No

Beginning at cor. No. 1, the S.E. cor. identical with location, and with cor. No.4 Northern Light, a claim of this survey, a pine post 4 ft long, 4 ins. square, set 1 ft in the ground in a mound of stones, and scribed 1 - 1812 R.J., whence a rock in place 1 X2X 3 ft. chiseled X 1-1812 B.R., brs N. 27°36'E. 64.5 ft, and U.S.M.M. No.4 brs S. 11°36'E. 6466.5 ft.

Thence N. 13°45'E.

300.00 to original location for E. end center identical with W. end center Northern Light of this group.

600.00 same bearing to cor. No.2, the N.E. cor identical with location, and with cor No.3 Northern Light of this survey a pine post 4 ft long, 4 ins square set 1 ft in the ground in a mound of stones and scribed 2-1812 R.J. whence a rock in place level with the surface 2 ft square chiseled X2-3-1812 B.R. brs N. 4°30'W. 50 ft.

Thence N. 62°20'W.

48.4 to cor No.3. a pine post 4 ft long 4 ins square set 1ft in the ground in a mound of stones and scribed X3-1812 R.J., whence a rock in place 1X1X2 ft chiseled X3-1812 B.R. brs N. 43°20'W. 23.5 ft.

Thence N. 80°34'W.

1451.6 to cor No.4, the N.W. cor identical with location, a pine post 4 ft long 4 ins square, set 1 ft in the ground in a mound of stones and scribed 4-1812 R.J. whence a rock in place 1X2X3 ft chiseled X4-1812 B.R. brs S. 54°11'E. 86.7 ft.

Thence S. 13°45'W.

300.00 to original location for W. end center.

600.00 same bearing to cor No.5, the S.W. cor identical with location, and with cor No.3 Warren Boy Lode No.1681, a pine post 4 ft long 4ins square set in the ground in a mound of stones and scribed 5-1812 R.J. whence a porphyry cropping 1 ft high 10 ft long brs N. 88° 30'W. 67.9 ft. *chiseled x 5-1812 B.R*

RED JACKET LODE, continued.

Feet.

Survey No. 1812.

4

Thence S. $80^{\circ}34'E$.

1451.6 to cor No.6 identical with corners No.2 and 3 respectively of the Warren Boy and High Flyer Lodes No.1681, a pine post 4 ft long, 4 ins square, set in the ground in a mound of stones and scribed 6-1812 R.J. whence a rock in place 1 ft high 2 ft square, chiseled X6-1812 B.R. brs S. $2^{\circ}30'W$. 46.5 ft.

Thence S. $62^{\circ}20'E$.

48.4 to cor No.1 the place of beginning.

-----LEDGE-----

The presumed course of the vein on this claim is from the E. end center of location N. $62^{\circ}20'W$. 48.4 ft.

Thence N. $80^{\circ}34'W$. 1451.6 ft.

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-----NORTHERN LIGHT LODE-----

Survey No. 1812.

Beginning at cor No.1 the S.E. cor. identical with location a pine post 4 ft long 4 ins square, set 1 ft in the ground in a mound of stones and scribed 1-1812 N.L. whence a rock in place level with the surface, 3X4 ft. chiseled X1-1812 B.R. brs N. $62^{\circ}00'W$, 54.5 ft. and U.S. M.M. No.4 brs S. $0^{\circ}17'W$. 5367.8 ft.

Thence N. $13^{\circ}45'E$.

300.00 to original location for E. end center.

600.00 same bearing to cor No.2, the N.E. cor identical with location, a pine post 4 ft long 4 ins square set 1 ft in the ground in a mound of stones and scribed 2-1812 N.L. whence a rock in place 1X1X2 ft chiseled X2-1812 B.R. brs N. $45^{\circ}30'W$. 37.9 ft.

Thence N. $62^{\circ}20'W$.

1500.00 to cor No.3, the N.W. cor identical with location, and with cor No.2 Red Jacket Lode of this survey, a pine post &c scribed 3-1812 N.L.

Thence S. $13^{\circ}45'W$.

300.00 to original location for W. end center.

Feet. Survey No. 1812

600.00 same bearing to cor. No.4 the S.W. cor identical with location, and with cor. No.1 Red Jacket Lode of this survey, a pine post &c scribed 4-1812 N.L.

Thence S. 62°20'E.

1451.6 to cor No. 2, High Flyer Lode No.1681.

1500.00 same bearing to cor No. 1 the place of beginning.

-----LEDGE-----

The presumed course of the vein on this claim is from the W. end center of location S. 62°20'E. 1500 ft.

-----ADJOINING CLAIMS-----

- NORTH; unsurveyed ground, claims and owners unknown.
- WEST; Unsurveyed ground, claims and owners unknown.
- SOUTH; Warren Boy and High Flyer Lodes No.1681, owned by applicants herein.
- EAST; Claims and owners unknown!

-----LOCATION-----

These claims are located about one mile North of Bisbee in the Warren Mining District, Cochise County, Arizona on unsurveyed lands approximately in T.S.23 S. R.24E. G. & S.R. B. & M.

-----AREAS-----

| | |
|---|---------------------------|
| Total and net area Red Jacket Lode..... | 20.585 Acres |
| Total and net area Northern Light Lode | <u>70.055</u> 19.197 " |
| Total and net area Group..... | <u>39.782</u> 140.640 |

-----INSTRUMENT-----

The survey was made with a Lietz Mountain and Mining Transit. The courses were deflected from the true meridian as determined by an observation on Polaris, checked by solar observations.

All distances were measured with a 200 ft steel tape. Magnetic variation 11°55' E.

Bisbee, Arizona
June 27, 1903.

U.S. Deputy Mineral Surveyor.

W

Survey No. 1812.

-----IMPROVEMENTS-----

I certify that the value of the labor and improvements on these claims placed thereon by the claimant or his grantors is not less than five hundred dollars for each claim thereof, and that said improvements consist of;

-----NORTHERN LIGHT-----

No.1 Discovery cut and tunnel, course N. 62° W. brs from cor No.4 N. 84°12'E. 514 ft.
 Open Cut 4 X 20 X 10 ft. Value- \$160.00
 Tunnel-- 4 X 6 X 10 ft. Value 100.00
 1/2 interest in open cut and tunnel
 Warren Boy No. 1681..... 275.00
 Total improvements NORTHERN LIGHT \$535.00

-----RED JACKET LODE-----

Discovery shaft No.1 4 X 6 X 10 ft., brs from cor No.5 N. 80°55'E. 910 ft. Value..... .. \$100.00
 No. 2 Open cut and tunnel course S. 80° E. brs from W. end center of location S. 80°30'E 730 ft.
 Open cut 4 X 10 X 20 ft. Value160.00
 Tunnel 4 X 6 X 20 ft. Value.....200.00
 1/2 interest in open cut and tunnel
 on Warren Boy No.1681.....275.00
 Total improvements Red Jacket Lode.\$735.00

Note;-- The Warren Boy survey No.1681 and owned by the applicant herein, lies on the side of the hill, the apex which is covered by the Red Jacket and Northern Light. The Open cut and tunnel on the said Warren Boy No.1681. was placed thereon by the applicant herein and tends to develop the Red Jacket and Highflieer Lodes of this survey, by cutting the ore bodies on the same at a depth of several hundred feet below the apex of the hill, the slope of which is about 40° the trend of the backbone being about through the center of said Red Jacket and Northern Light Lodes.

Survey No. 1812.

An undivided one-half interest has been allotted to each and no part of said Open Cut and tunnel has at any time been credited to the Warren Boy or any other claim.

center of Open Cut bears from cor No.5 Red Jacket Lode S. 40° E. 600 ft., course of open cut and tunnel N.63°50'E.

| | |
|-------------------------------|---------------|
| Open Cut 4 X 16 X 10 ft. | \$150.00 |
| Tunnel 4 X 6 X 40 ft. | <u>400.00</u> |
| Total..... | \$550.00 |

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 Donald Macpherson
 known as the Northern Light & Red Jacket
 and showing the respective capacities in which they acted.

H. D. Hannah, Chairman.
J. S. Smith, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, H. D. Hannah
 and J. S. Smith, 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

Donald Macpherson
 _____, known as the
Northern Light & Red Jacket, 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

J. S. Smith, Chairman.
H. D. Hannah, Chairman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 27th day of June, 1903

P. A. McDonald

Notary Public in and for the County
 of Cochise, Territory of Arizona.
 My Commission Expires Dec. 31, 1903.

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, dated June 15th 1903, 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 Ronald Macpherson, known as the Red Jacket + Northern Light, situate in Warren Mining District, Cochise County, Arizona, in Section approximally Township No. 23 S., Range No. 24 E (unlawful) G + S. R. B + M. and designated as Survey No. 1812, 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.

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 27th
day of June 1903.

R. A. M. Donald
Notary Public in and for the County
of Cochise, Territory of Arizona.
My Commission Expires Dec. 22, 1903.

Affidavit of Five Hundred Dollars Improvements.

We, H. D. Hannah, and R. S. Smith

of lawful age, being first duly sworn according to law, depose and say: That we

are acquainted with the Red Jacket + Northern Light mining claim,

situate in Warren Mining district, Cochise County,

Arizona Territory, for which

Ronald Macpherson

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 improve-

ments made thereon by the applicant... and his grantor... exceed Five Hundred

Dollars in value, and further that we are not personally interested in said mine.

J. V. Smith

H. D. Hannah

TERRITORY OF ARIZONA,

County of Cochise } ss:

Sworn to and subscribed before me, this 27th

day of June, 1903

W. M. Donald



Notary Public in and for the County of Cochise, Territory of Arizona. My Commission Expires Dec. 22, 1903

Notice of Mining Location.

11

LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the Red Jacket
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 purpose of exploration and
purchase by Donald Macpherson

a citizen of the United States
(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the Eleventh day of June 1902

The length of this claim is Fifteen hundred feet,
and I claim Eight hundred & forty (840) feet
in a Westerly direction, and Five hundred
& sixty (660) feet in a Easterly direction from
the center of the discovery cut shaft, at which this notice is posted, lengthwise of the claim, together
with Three hundred (300) 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 from the
East to the West

The claim is situated and located in the Warren Mining District, in
Cochise County, in the Territory of Arizona, about one & half miles
in a Northwest direction from the Copper Queen
smelters and is bounded on the South
by the "Warren Boy" mining claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at
Monument of stones

at a point in a Westerly direction Eight hundred & forty feet
from the discovery cut shaft (at which this notice is posted), being in the center of the West
end line of said claim; thence Three hundred feet to a monument
of stones, being the North West corner of said claim; thence
Fifteen hundred feet to a Monument, being at the
North East corner of said claim; thence three hundred feet
to a monument at the center of the East end of said claim;
thence three hundred feet to a monument, being at the
South East corner of said claim; thence Fifteen hundred
feet to a monument at the South West corner of said claim; thence
three hundred 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 11th day of June 1902

Donald Macpherson

witness

M. Medigovich

TERRITORY OF ARIZONA,
County of Cochise } ss

I, Frank Hare, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock, P M., on this 20th day of August 1902, and duly recorded in Book No. 20 of Record of Mines, Records of Cochise County, Arizona, at pages 541.

WITNESS my hand and official seal the day and year first above written.

Frank Hare

County Recorder.

Notice of Location.

LODE CLAIM.

"Red Jacket"

Dated 1902

Filed and recorded at request of

Donald Macpherson

at Aug. 20 A. D. 1902
1 P. M.

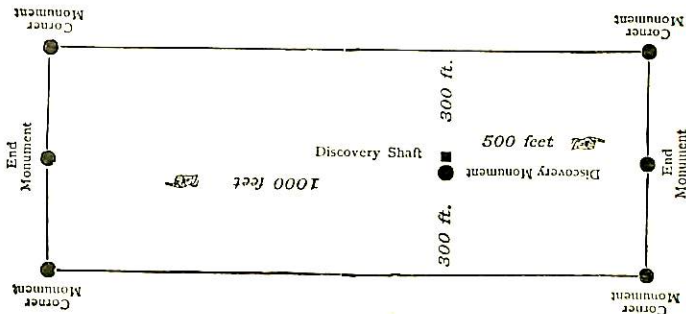
Book 20 Record of Mines
Pages 541

By Frank Hare
County Recorder.

Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix, Arizona.

Bisbee



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

Notice of Mining Location.

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LODE CLAIM.

To All Whom It May Concern:

This mining claim, the name of which is the "Northern Light" 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 purpose of exploration and purchase by

Donald Macpherson
a citizen of the United States
(Locator must insert either "a citizen of the United States" or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 18th day of November 1902

The length of this claim is Fifteen hundred (1500) feet,
and 9 claim 500 feet

in a Westerly direction, and 1000 feet in a Easterly direction from

the center of the discovery ~~shaft~~ ^{cut}, at which this notice is posted, lengthwise of the claim, together with three hundred (300) 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 from the

West to the East

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about one and half (1 1/2) miles in a Northerly direction from the smelters of the

Copper Queen Con. Mining Company and is bounded on the West by the "Red Jacket" mining claim and on the South by the "Highflier" mining claim

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones

at a point in a Westerly direction 500 feet from

the discovery ~~shaft~~ ^{cut} (at which this notice is posted), being in the center of the West end line of said claim; thence three hundred (300) feet to a Monument

of stones, being the North West corner of said claim; thence Fifteen hundred (1500) feet to a Monument of stones, being at the

North East corner of said claim; thence three hundred (300) feet to a Monument of stones at the center of the East end of said claim;

thence three hundred (300) feet to a Monument of stones being at the South East corner of said claim; thence Fifteen hundred (1500)

feet to a Monument of stones at the South West corner of said claim; thence three hundred (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 18 day of November 1902

Donald Macpherson
witness M. Medgorich

TERMINOY OF ARIZONA }
County of Cochise } ss

I, Frank Stare, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9 o'clock, 2 M., on this 11th day of July, 1902, and duly recorded in Book No. 23 of Mining Records of Cochise County, Arizona, at pages 118.

WITNESS my hand and official seal the day and year first above written,
Frank Stare
County Recorder.

Notice of Location.

LODE CLAIM.

Northern Light

Dated 11 1902

Filed and recorded at request of
Samuel McArthur

July 11th A. D. 1902

at 9 M.

Book 23 Record of Mining

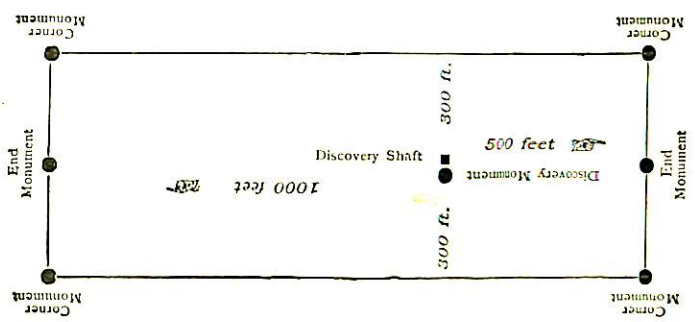
Pages 118

Frank Stare
County Recorder.

By J. H. [Signature] Deputy Recorder.

The H. H. McNeil Co., Printers, Phoenix, Arizona.

Primer



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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.

July 16, 1903

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 Donald Marpheen

known as the
Red Jacket and Northern Light

situate in Warren mining district,
Cochise County, Arizona, approx.

in Section _____, Township No. 23 S., Range No. 24 E. G. & S. R.

E. & M. (unsurv.), designated as Survey No. 1812.

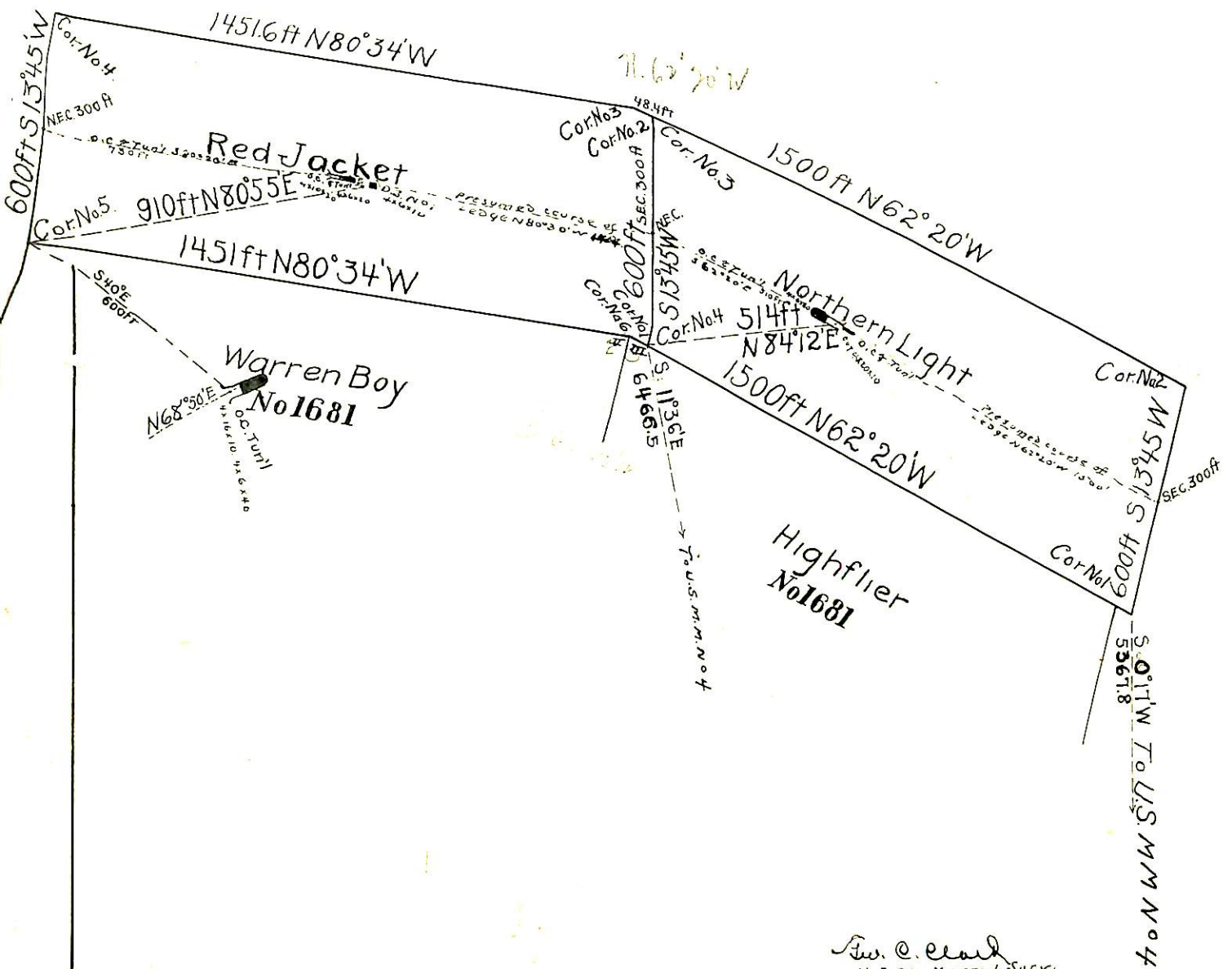
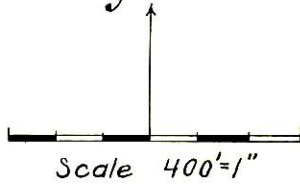
executed by Geo. C. Clark, U. S. Deputy Mineral
Surveyor, June 23d - June 25th, 1903, under my instructions dated

June 15th, 1903, 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.

Hugh H. Price

U. S. Surveyor-General for Arizona.

Survey N01812



Bisbee April June 27 1903

C. Cloud
U.S. Dep. Mineral Survey