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APR. 17. 1905

*Copy of Gen'l
4/26/05 -*

(4-683.)

Mineral Survey No. *2078-*

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. G. Butherford and C. M. Henkel

KNOWN AS THE

"Oregon"

Situstawin Warren

Mining District,

Cochise

County,

Arizona

Section *approx*, Township *T. 23 S*, Range *34 E*

Surveyed under instructions dated *March 10th*, 1905, *unsurveyed*

by *Franklin W. Smith*

July 15 - 1905

U. S. Deputy Mineral Surveyor

Claim ^{am} located *Section 21*

Survey commenced *March 15th*, 1905

Survey completed *March 20th*, 1905

6-160

Post Office Address
of Claimants:-

*Bisbee, Cochise County
Arizona*

*Tie OK
area OK
Ridge OK*

Survey No. 2018
"Oregon"

Feet

Beginning at Cor.No.1. the SW cor. identical with location, a pine post 4 ft long 4 ins. sq. set 1 ft. in the ground in a mound of stones, and scribed 1-2018 O.L. whence a pine post of same dimensions and scribed WC1-2018 brs S. 60° 32' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 60° 32' E. 50 ft and U S M M No. 4 Warren Mining District brs. S. 20° 42' W. 2010.7 ft.,

Thence N. 65° 18' W. 1

151.2 to Cors.No.5 and 7 respectively of Johnson lode Survey No.1786 and Philadelphia lode, Survey No.1909, whence Cor.No.4 P.J.Johnson Jur lode Survey No.1959 brs. N. 13° 06' E. 512.8 ft, *thence S 65° 18' E. 500 ft. to Cor. No. 3 P.J.Jr.*

370.0 same bearing along line 5-4 Johnson lode, Survey No. 1786, identical with line 7-6 Philadelphia lode, Survey No 1909 to original location for SW end center,

626.0 same bearing to Cr.No.2 the NW cor identical with location and with Cors.No. 4 and 6 respectively of Johnson lode survey No. 1786 and Philadelphia lode, Survey No 1909, and situated on line 1-6 Yo Tambien lode, Survey No.1715, a pine post 4 ft long 4 ins. sq. set 1 ft. in the ground in a mound of stones and scribed 2-2018 O.L. whence a pine post of same dimensions and scribed WC. 2-2018 brs. N. 65° 18' W. 50 ft., and a second pine post of same dimensions and scribing brs. S. 65° 18' E. 50 ft.

Thence N. 24° 17' E.

156.3 along line 6-5 Philadelphia lode, Survey No.1909 to Cor No 3 identical with location and with Cors.No.1 and 5 respectively of Yo Tambien lode, Survey No.1715 and Philadelphia lode, Survey No.1909. a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-2018 O.L. whence a pine post of same dimensions and scribed WC 3-2018 brs. N. 60° 32' E. 50 ft., and a second pine post of same dimensions and scribing brs. S. 60° 32' W. 50 ft.

Thence N. 60° 32' E.

477.5 along line 5-4 Philadelphia lode, Survey No. 1909 to
Cor.No.4 and 4 respectively of Philadelphia and Portland
lodes, Survey No.1909,

1104.5 same bearing along line 4-3 Portland lode, Survey No.1909
to Cor.No.4, identical with location and with Cor.No.
2,3 and 5 respectively of Yo Tambien lode, Survey No.
1715, Portland lode, Survey No.1909 and Milwaukee lode
Survey No.1909, a pine post 4 ft long 4 ins. sq. set 1
ft in the ground in a mound of stones and scribed 4-
2018 O L whence a pine post of same dimensions and scribed
W C 4-2018 brs N 60° 32' E. 50 ft and a second pine
post of same dimensions and scribing brs S. 60° 32' W
50 ft.,

Thence N. 39° *01' W.

9.0 along line 2-3 Yo Tambien lode, Survey No.1715 to
Cor No.5, identical with location and with Cor.No.2 and 4
~~1 respectively of Yo Tambien lode, Survey No.1715~~
~~and Milwaukee lode, Survey No.1909,~~ and with a cor of
Iron Mountain No.2 lode, unsurveyed, a pine post 4 ft
long 4 ins. sq. set 1 ft in the ground in a mound of
stones and scribed 5-2018 O L, whence a pine post of
same dimensions and scribed 5-2018 brs N. 32° 40' E. 25
ft and a second pine post of same dimensions and scribing
brs. S. 32° 40' W. 25 ft.

Thence N. 32° 40' E.

198.2 along line 4-3 Milwaukee lode, Survey No.1909 to Cor.No
6 the NE cor, identical with location, a pine post 4 ft
long 4 ins. sq. set 1 ft in the ground in a mound of
stones and scribed 6-2018 O L, whence a pine post of
same dimensions and scribed W. C. 6-2018 brs. S. 65°
18' E. 50 ft and a second pine post of same dimensions
and scribing brs. N. 65° 18' W. 50 ft.,

Thence S. 65° 18' E.

302.0 to original location for NE end center,

407.8 same bearing to the intersection of line 3-2 Milwaukee

IMPROVEMENTS.

I certify that the value of the labor and improvements on this claim, placed thereon by the claimant or his grantors is as follows:

No.1 Discovery open cut 8 x 14.5 x 10.5 ft. brs. from S W E C location N 60° 32' E. 200 ft, Value \$100.00

Note Complete affidavit of \$500 improvements will be furnished before the expiration of publication.

ADJOINING AND CONFLICTING CLAIMS.

North Yo Tambien lode, Survey No. 1715, Cochise Copper Co. owner Iron Mountain No 3 lode, unsurveyed, owned by applicants herein.

East Madison lode, Survey No. 1909, Copper King of Arizona, a corporation, owner.

South, Milwaukee, Portland, and Philadelphia lodes, Survey No 1909, same owner.

P J Johnson Jur lode, Survey No. 1959, Peter Johnson et al owners.

West Johnson lode, Survey No. 1786 Enoch R. Jones, et al owners

AREA

Total area Oregon lode, 20.027 acres

Less area in conflict with P.J. Johnson son Jur lode Survey No. 1959 4.260

Net area Oregon lode, 15.767 acres

Note. The following areas in conflict are not excluded from the total area of this survey:

Area in conflict with Philadelphia lode, Survey No. 1909 4.746 acres

Area in conflict with Portland lode, Survey No. 1909. 3.636

Area in conflict with Milwaukee lode, Survey No. 1909 6.215

Area in conflict with Madison lode, Survey No 1909 0.432

Location.

This claim is located ^{about} in an easterly direction about 1 mi from the City of Bisbee on unsurveyed lands

Feet

- Survey No. 1909, which line is common with line 1-6 Madison lode, Survey No. 1909, at *532.04* ft from Cor. No. 3: Cor. No. 3 Milwaukee lode is identical with Cor. No. 6 Madison lode,
- 604.0 same bearing to Cor. No. 7 the SE cor identical with location, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 7-2018 0 L whence a pine post of same dimensions and scribed W. C. 7-2018 brs S. 65° 18' E. 50 ft and a second pine post of same dimensions and scribing brs. N. 65° 18' W. 50 ft.
- Thence S. 32° 40' W.
- 193.8 to the intersection of line 1-6 Madison lode, Survey No. 1909 at *788.04* ft from Cor. N. 6 at S. 16° 43' E.
- 453.1 same bearing to Cor. No. 8, identical with location, a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 8-2018 0 L whence a pine post of same dimensions and scribed W. C. 8-2018 brs S. 32° 40' W. 50 ft and a second pine post of same dimensions and scribing brs. N. 32° 40' E. 50 ft.
- Thence S. 60° 32' W
- 315.4 to the intersection of line 1-5 Milwaukee lode, Survey No. 1909, which line is common with line 2-3 Portland lode, Survey No. 1909 at S. 12° 01' E. 628.9 ft from Cor. No. 5
- 527.0 same bearing to the intersection of line 2-3 P.J. Johnson Jur lode, Survey No. 19059, at S. 13° 06' W. 128.9 ft from Cor. No. 3,
- 942.4 same bearing to the intersection of line 1-4 Portland lode, Survey No. 1909 which line is common with line 3-4 Philadelphia lode Survey No. 1909 at S. 12° 01' E. 628.9 ft from Cor. No. 4
- 990.9 same bearing to Cor. No. 1 the place of beginning.
- Ledge.

The presumed course of the vein on this claim is from the SW E C location N. 60° 32' W. 1135 ft, thence N. 32° 40' E. 375.1 ft. to the NE E C location.

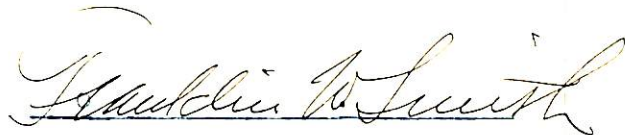
in the Warren Mining District, Cochise County, Territory of Arizona, approximately in Tp. 23 S R 24 E $\frac{1}{2}$ & S R B & M.

INSTRUMENT.

This survey was made with a Leitz mountain and mining transit; the courses were deflected from the true meridian as determined by solar observation, checked by an observation on Polaris, the distances were measured with a 100-foot steel tape.

Magnetic variation $12^{\circ} 30' E$.

Note Any discrepancies between the courses and distances of this survey and those of the adjoining or conflicting approved surveys are due to errors in the latter.



U.S. Deputy Mineral Surveyor.

Dated March 24th, 1905,
At Bisbee, Arizona.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Franklin W. Smith
 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 R.A. Bretherton and C.M. Henkel
 known as the Oregon
 and showing the respective capacities in which they acted.

Peter Chiado , Chairman.
Armstrong , Chairman.
 _____ , Axman.
 _____ , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Peter Chiado
 and E.W. Armstrong, do solemnly swear that we assisted Franklin W. Smith
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of R.A. Bretherton
 and C.M. Henkel.

_____ , known as the _____
"Oregon" , 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.

Peter Chiado , Chairman.
Armstrong , Chairman.
 _____ , Axman .
 _____ , Flagman.

Subscribed and sworn to by the above-named persons before me
 this 24th day of March, 1905

Coar Edinets

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 10th, 1905, 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 R. G. Bretherton and C. M. Henkel, known as the Oregon Warren, situate in Cochise County, Arizona in Section approx. Township No. 23S, Range No. 24E and designated as Survey No. 2018, 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 them 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.

Franklin W. Smith
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith

U. S. Deputy Mineral Surveyor, before me _____
this 24th
day of March, 1905

Coro E. Smith

Amended.

Notice of Mining Location.

Lode Claim.

To All Whom It May Concern:

This Mining Claim, the name of which is the Oregon Mining Claim, situated on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for purposes of exploration and purchase by R. A. Bretherton and C. M. Henkel, both citizens of the United States, the undersigned on the 18th day of February, A. D. 1905.

The length of this claim is fourteen hundred and seventy and one tenth feet and we claim two hundred feet S. $60^{\circ} 32'$ W and nine hundred and thirty five feet N $60^{\circ} 32'$ E, thence three hundred and thirty five and one tenth feet N. $32^{\circ} 40'$ E 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 course of the lode deposit and premises is as stated above.

This claim is situated and located in the Warren Mining District in Cochise County, in the Territory of Arizona, about one mile in an easterly direction from the City of Bisbee, and is bounded on the northwest by the ^{Yo} Tambien Lode Sur No 1715. This location embraces a portion of each of the abandoned mining claims known as the Philadelphia, Portland, Milwaukee and Madison Lodes, Sur No 1909.

The surface boundaries of the claim are marked upon the ground as follows;- Beginning at a monument of stones at a point S. $62^{\circ} 30'$ W two hundred feet from the Discovery Shaft (at which this notice is posted) the same being the southwest end center monument of said claim; thence N. $65^{\circ} 18'$ W. two hundred and fifty six feet to a pine post being the Northwest corner of said claim; thence N. $24^{\circ} 17'$ E. one hundred and fifty six and three tenths feet to a pine post at a corner of said claim; thence ^{N.} $60^{\circ} 32'$ E eleven hundred and four and five tenths feet to a pine post, at a corner of said claim; thence N. $39^{\circ} 01'$ W nine feet to a pine post being at a corner of said claim thence N. $32^{\circ} 40'$ E. one hundred and ninety eight and two tenths feet to a pine post, being the Northeast corner of said claim;

thence S. 65° 18' E. three hundred and two feet to a monument of Stones at the center of the northeast end line of said claim; thence S. 65° 18' E. three hundred and two feet to a pine post, being the southeast corner of said claim; thence S. 32° 40' W four hundred and fifty three and one tenth feet to a pine post, being a corner of said claim; thence S. 60° 32' W. nine hundred and ninety and nine tenths feet to a pine post, being the southwest corner of said claim; thence N. 65° 18' W. three hundred and seventy 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 an Act of the General Assembly of Arizona, entitled "An Act to revise and Codify the Laws of the Territory of Arizona" approved March 16, 1901.

This is an amended location notice of the Oregon Mining Claim, located by R. A. Bretherton and C. M. Henkel, on the 1st day of January 1905, and recorded in Book 32 of Records of Mines at page 292 in the office of the County Recorder of the aforesaid County of Cochise, to which reference is hereby made, and this amended location notice is made and posted to correct errors in the description in the said original location notice.

Dated and posted on the ground this 18th day of February A.D. 1905.

R. A. Bretherton.

C. M. Henkel,

Filed and recorded at request of C. M. Henkel Feb. 24 1905 at 9 A.M. in Book 25, at page 298, Record of Mines.

Territory of Arizona, (
County of Cochise. (ss.
(

I, Frank Hare, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the Amended Location Notice of the Oregon Mining Claim, filed and recorded in my office on the 24th day of February, 1905 in Book 25 at page 298, Record of Mines, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 3rd day of March 1905.

Frank Hare
County Recorder

4-688.

U. S. SURVEYOR-GENERAL'S FINAL CERTIFICATE ON FIELD NOTES.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

June 8, 1905

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of R. A. Bretherton and C.M. Henkel,

known as the Oregon

situate in Warren

Mining District, Cochise County, Arizona.

in Section approx., Township No. 23 S., Range No. 24 E. unsurveyed, and

designated as Survey No. 2018, has been correctly copied from the originals on file in

this office; that said Field Notes furnish such an accurate description of said mining claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.

And I further certify that less than five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or their grantors, and that said improvements consist of, at time of survey, discovery cut 8 x 14 1/2 x 10 1/2 ft. value \$100.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Tucson, Arizona

is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls

United States Surveyor-General for Arizona.

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.

....., 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..... R. A. Bretherton and C. M. Henkel,

....., known as the
Oregon

situate in..... Warren..... Mining District,
Cochise..... County, Arizona.

in Section..... APPROX....., Township No. 23 S....., Range No. 24 E. unsurveyed
....., designated as Survey No. 2018

executed by..... Franklin W. Smith,....., U. S. Deputy Mineral
Surveyor,..... Mch 15th-20th 1905.

....., 1905, under my instructions dated
Mch 10th 1905.

....., 1905, 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.



U. S. Surveyor-General for..... Arizona.

Improvements.

I certify that the value of the ^al^oor and improve-
ments on this claim placed thereon by the claimants and
their grantors is not less than \$500 and that said im-
provements were placed on the claim before the 1st day
of August, 1905, and prior to the expiration of the period
of publication of application for patent, and that said
improvements are as follows:

- | | |
|--|--|
| No. 1 | Discovery open cut 8x14.5x10.5 ft brs from SW E. C. location
N. 60° 32' E. 200 ft., Value, \$100.00 |
| No. 2 | Open Cut 5x12x18 ft. at mouth of tunnel and tunnel
4x6x35 ft. course N. 60° E. center of mouth of open
cut brs from SW E C location N. 60° 32' E. 235 ft.,
Value, 450.00 |
| No. 3 | Shaft 4x6x10 ft on ledge brs from NW E C location
S. 32° 40' W. 210 ft., Value, 100.00 |
| Total improvements on Oregon lode, \$650.00 | |



U. S. Deputy Mineral Surveyor.

Dated at Bisbee, Arizona,

August 23, 1905.

Affidavit of Five Hundred Dollars Improvements.

We, R. A. Zimmerman and J. C. Severens

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

Oregon mining claim, situate in Harmon

mining district, Cochise County, Arizona Territory, for which

R. A. Zimmerman and C. M. Heikel

have 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

them grantors exceed five hundred dollars in value, and further that we are not personally interested

in said mine.

R. A. Zimmerman
J. C. Severens

TERRITORY OF ARIZONA }
COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 23rd day

[SEAL.]

of August, 1902

Cora Edineth

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona
My Commission Expires March 11, 1903

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for Dist. of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or their grantors, upon the mining claim of
C.M. Henkel et al
known as the Oregon,
situate in Warren mining district,
Cochise County, Arizona
in Section _____, Township No. _____, Range No. _____;
that said improvements consist of 3 cuts, 1 tunnel and 1 shaft, total
value. \$650.00

and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated
August 23, 1905., 18____, is hereto attached.



U. S. Surveyor General for Arizona

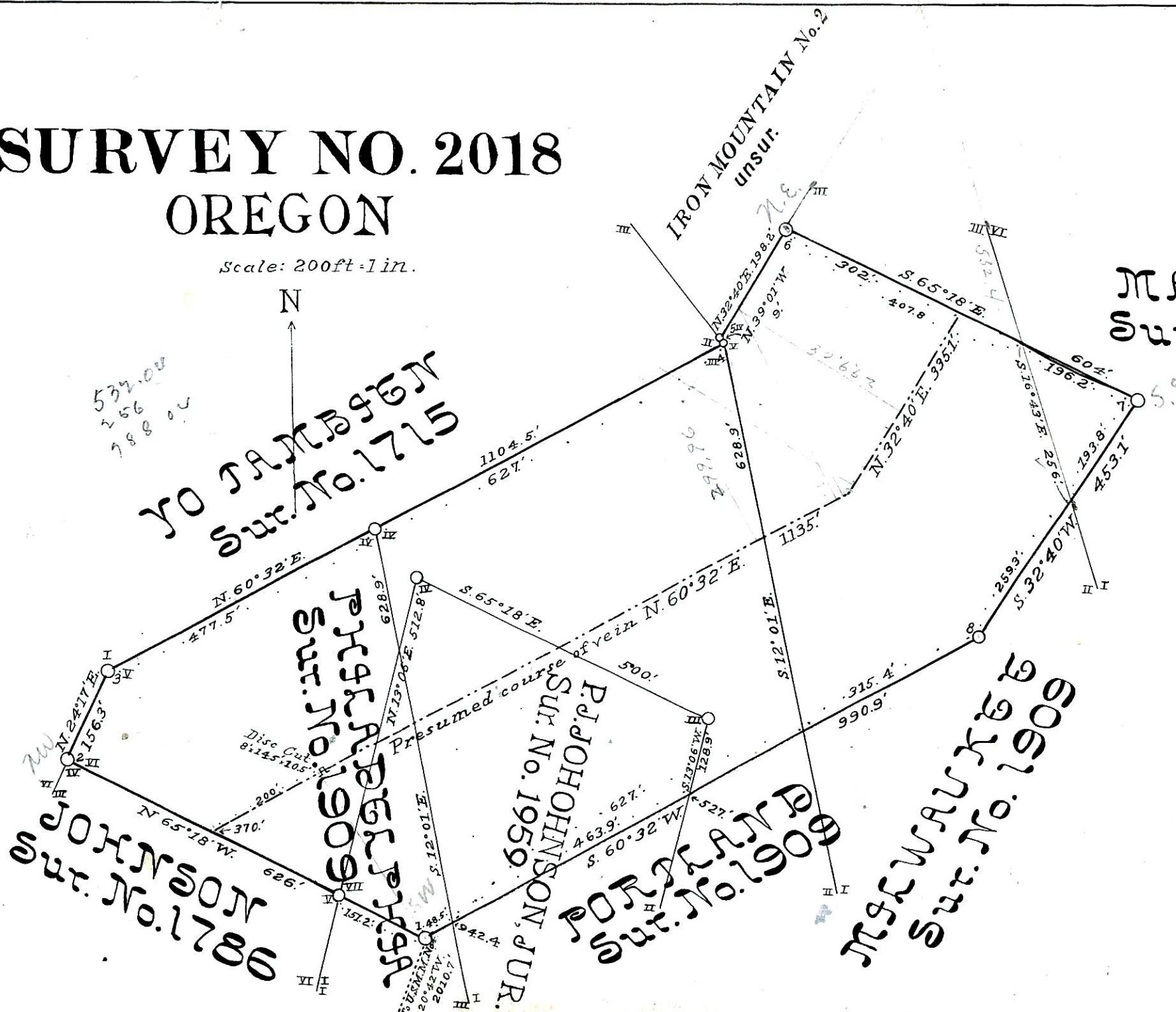
Office of U. S. Surveyor General,

Phoenix, Arizona,

Sept. 12, 1905., 1

SURVEY NO. 2018 OREGON

Scale: 200ft = 1 in.



532.00
256.00
788.00

JO JAMESON
Sur. No. 1715

P.H.A. PETERSON
Sur. No. 1909

P.J. JOHNSON
Sur. No. 1959

P.A. JOHNSON
Sur. No. 1900

M.G. WALKER
Sur. No. 1909

MADISON
Sur. No. 1909

W.O. JOHNSON
Sur. No. 1780

To HAMMERS
S. 20° 42' 47"
2010.7'

S. 12° 01' E.
512.8'

N. 12° 06' E.
628.9'

N. 60° 32' E.
477.5'

N. 32° 40' E.
1104.5'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'

S. 12° 06' W.
128.9'

S. 60° 32' W.
463.9'

S. 65° 18' E.
500'

N. 60° 32' E.
1135'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'

S. 12° 06' W.
128.9'

S. 60° 32' W.
463.9'

S. 65° 18' E.
500'

N. 60° 32' E.
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N. 32° 40' E.
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500'

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500'

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463.9'

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500'

N. 60° 32' E.
1135'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'

S. 12° 06' W.
128.9'

S. 60° 32' W.
463.9'

S. 65° 18' E.
500'

N. 60° 32' E.
1135'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'

S. 12° 06' W.
128.9'

S. 60° 32' W.
463.9'

S. 65° 18' E.
500'

N. 60° 32' E.
1135'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'

S. 12° 06' W.
128.9'

S. 60° 32' W.
463.9'

S. 65° 18' E.
500'

N. 60° 32' E.
1135'

N. 32° 40' E.
628.9'

N. 32° 40' E.
198.2'