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Notes + Plans Copied 1  
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(4-683.)

Mineral Survey No. 1855

Lot No. \_\_\_\_\_

Prescott

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

A. J. Carroll

KNOWN AS THE

Iron King Extension No 1

Big Bug

Mining District.

Yavapai

County,

Arizona

Section 15 & 16, Township 13 N, Range 1 E.

Surveyed under instructions dated Aug. 26<sup>th</sup>, 1903,

by A. B. Mader

U. S. Deputy Mineral Surveyor

Claim located May, 22<sup>nd</sup> 1903, 1

Survey commenced Sept. 8<sup>th</sup> 1903, 1

Survey completed Sept. 8<sup>th</sup> 1903, 1

Andrews & Patton

Attorneys for Claimants  
Prescott, A. J.

# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, Edward Wilts and \_\_\_\_\_,

do solemnly swear that ~~we~~ <sup>I</sup> will well and faithfully execute the duties of chain carriers; that ~~we~~ <sup>I</sup> will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that ~~we~~ <sup>I</sup> will report the true distance to all notable objects, and the true length of all lines that ~~we~~ <sup>I</sup> assist in measuring, to the best of ~~our~~ <sup>my</sup> skill and ability, and in accordance with instructions given ~~us~~ <sup>me</sup>, in the survey of the Mining Claim of A. J. Carroll

known as the Iron King Extension No 1  
situate in Big Bug mining district  
Yavapai County, Arizona  
in Section 15 + 16, Township No. 13 N, Range No. 1 E.

Edward Wilts Chainman.

\_\_\_\_\_, Chainman.

Subscribed and sworn to by the above-named persons before me this 8<sup>th</sup> day of Sept, 1903

Ralph M. Pettit

My Commission Expires  
Oct. 4, 1905.

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\_\_\_\_

## SURVEY NO.1855.

Feet	IRON KING EXTENSION NO.1
	Beginning at cor. No.1. Identical with cor. of the location. A porphyry stone 4 x 10 x 18 ins. set 10 ins. in the ground to bed rock and chiseled 1 I.K.E.No.1 1855., with a mon. of stones 2 1/2 ft. base by 3 ft. high alongside, whence U.S.M.M.No.1 Big Bug Mining District, bears S. 55° 34' W. 4557.2 feet. No brs. available. Thence N. 23° 28' E.
860	S.edge of Chaparral Wash.
955	N. Edge Chaparral Wash. Course S. 80° E. brs. W.
1130	Foot of hill.
1445	To cor. No. 2. Identical with cor. of the location and with the S.W. cor.of the Iron King Extension No. 2 Claim, A.J.Carroll claimant. A porphyry stone 8 x 17 x 30 ins. set 12 ins. in the ground and chiseled 2 I.K.E.No.1 1855 and surrounded by a mon. of stones 2 1/2 ft. base by 3 ft. high, with a pine post 4 x 4" x 4 ft. long. No brs. available. Thence S. 66° 32' E.
300	To the N.C.E. Identical with the location and with the S.C.E. of the Iron King Extension No. 2 Lode. A pine post 4 x 4" x 4 ft. long surrounded by a mon of stones 2 1/2 ft. base by 3 ft. high.
445	Across gulch 5 ft. wide, course S.E. brs. N.W.
600	To cor.No. 3 Identical with cor. of the location and with the S.E. cor. of Iron King Extension No. 2 Lode. A porphyry stone 5 x 12 x 18 ins.set 10 ins. in the ground to bed rock, and chiseled 3 I.K.E.No.1 1855.

SURVEY NO.1855.

Feet

and surrounded by a mon. of stones 2 1/2 ft. base by 3 ft. high, with a pine post 4 ins. x 4 ins. x 4 ft. long.

Thence S. 23° 28' W.

Down hill.

- 255 Foot of hill at mouth of gulch.
- 361.8 To the N.W.Cor. of Iron King No. 2 Extension mill-site, Douglas-Lacey & Co. Claimants.
- 538 N.edge of Chaparral Wash.
- 625 S. edge of Chaparral Wash.
- Course S.E. brs. N.W.
- 828.4 The S.W.cor. of Iron King Extension No. 2 millsite and the N.W. cor. of Iron<sup>King</sup> Extension No. 1 Millsite.
- 1295 To the S.W. cor. Iron King Extension No. 1 millsite.
- 1445 To cor. No. 4.

Identical with cor. of the location.

A quartz stone 6 x 9 x 20 ins. set 12 ins. in the ground and chiseled 4 I.K.E. No. 1 1855. with a mon. of stones 2 1/2 ft. base by 3 ft. high and pine post 4 x 4" x 4 ft. long alongside..

No brs. available.

Thence N. 66° 32' W.

- 300 To the S.C.E.
- Identical with the location.
- A pine post 4 x 4" x 5 ft. long set 10 ins. in the ground and scribed S.C.E. I.K.E. No.1 1855 and surrounded by a mon. of stones 2 1/2 ft. base by 3 ft. high. The N.C.E. of the Bonanza lode, survey No.1714 American Copper Company, claimants, brs.S.11° 42' E. 110 ft.

No other brs. available.

- 600 To the place of beginning.
- The variation at all the cors. is 14° E.

## SURVEY NO. 1855

## LOCATION.

This claim is located in Big Bug Mining District, Yavapai County, Arizona, on surveyed land, in Sec. 15 and 16, T.13 N.R.1 E.

This claim is bounded on the N. by the Iron King Extension No. 2 Lode, unsurveyed, A.J. Carroll, claimant; on the E. by the townsite of Carrollton, the Iron King Extension No. 2 Millsite, the Iron King Extension No. 1 millsite, and U.S. public land; on the S. by an unknown claim, Ben Blanchard, claimant; on the W. by the Golden Rule lode, unsurveyed, Douglas Lacey & Co. Claimants, and the Rich Hill lode, unsurveyed, Douglas Lacey & Co. Claimants.

*Containing* ----- *19-903 Acus.*

LEDGE.

The course and length of the ledge on the Iron King Extension No. 1 lode, is supposed to be from the discovery shaft S. 23° 28' W 345 ft. to the S.C.E. and N. 23° 28' E . 1100 ft. to the N.C.E.

SURVEY NO. 1855.

FIVE HUNDRED DOLLARS EXPENDITURE.

I hereby certify that the labor and improvements on the Iron King Extension No. 1 lode, placed thereon by the claimants or <sup>his</sup> ~~their~~ grantors, is not less than Five Hundred Dollars, and that such improvements consist of:

Discovery Shaft No. 1, which hrs. N. 64° 29' E. 457.2 ft. from cor. No. 1, and is 5 x 8 x 105 ft. deep, timbered, with a cross cut at the bottom 4 x 6 x 199 ft. to the N. 66° W. and 4 x 6 x 43 ft. to the S. 66° E.

Value \$4500.00

A blacksmith shop 20 x 22 ft. alongside brg. S 65° E the S.W. cor. of which hrs. N. 61° E. 389 ft. from cor. No. 1 .

Value \$100.00

A wood and corrugated iron boiler and hoist house "L" shaped, 58 ft. S. ~~65°~~ 65° E., 58<sup>f</sup> N. 23° E. and N. 65° W 26 ft., S. 23° W. 32 ft., N. 65° W. 32 ft. S 65° W. 26 ft. to the S.W. cor. which hrs. N. 52° 55' E. 355 ft. from cor. No. 1., Containing a boiler and 25 h.p. hoisting engine, etc. Value \$4000.00

A superintendent's house 14 x 20 ft. <sup>long side</sup> brg. S. 60° E. from the S.W. cor. which is N. 38° 40' E. 657 ft. from cor. No. 1.

Value \$250.00

Total Value \$8850.00

This survey was made with a Gurley light mountain transit, with a solar attachment. The courses were deflected from the true meridian as determined by solar observation. The distances were measured with a 200 ft. steel tape.

*A. B. Mader*

U.S. Deputy Mineral Surveyor.

A diligent search for section corners was made within a radius of two miles, but no corners were found. The claims ~~were~~ <sup>were</sup> therefore tied to U.S.M.M. No. 1 Big Bug Mining District.

*A. B. Mader*  
U. S. Dep. Min. Surveyor.

The bearing and distance from Cor. No.1 of  
the Iron King Extension No. 1, Survey No. 1855,  
to Cor. of Sections 10, 11, 14, and 15, Tp. 13  
N., R. 1 E., is N. 61° 32' E., 6427.9 ft.

A.B. Mader,

U.S. Dept. Min'l Surveyor.

Prescott, Arizona.

November 16, 1905.

\*\*\*\*\*

Office of the U.S. Surveyor-General  
Phoenix, Arizona, Dec. 5, 1905.

I, Frank S. Ingalls, U.S. Surveyor-General  
for the District of Arizona, hereby certify that  
the foregoing is a correct copy from the report  
of Mr. A.B. Mader, U.S. Deputy Mineral Surveyor,  
dated November 16, 1905.

*(Signed) Frank S. Ingalls.*

U.S. Surveyor-General.



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by A. B. Mader  
 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 A. J. Carroll  
 known as the Iron King Extension No. 1  
 and showing the respective capacities in which they acted.

Edward Willis, Chairman.  
(A. B. Mader acting), Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

I, Edward Willis  
 and \_\_\_\_\_, do solemnly swear that we assisted A. B. Mader  
 \_\_\_\_\_, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of A. J. Carroll  
 \_\_\_\_\_, known as the Iron  
King Extension No. 1, 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.

Edward Willis, Chairman.  
 \_\_\_\_\_, Chairman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me  
 this 8th day of Sept, 1905

Ralph M. Pether  
 Notary Public

My Commission Expires Oct. 8, 1905.

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, A. B. Mader, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Aug. 26<sup>th</sup> 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 A. J. Carroll, known as the Iron King Extension No 1, situate in Big Bug Mining District, Yavapai County, Arizona, in Section 15 and 16, Township No. T13 N, Range No. R. 1 E, G and S. R. M. and designated as Survey No. 1855, 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 his 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.

A. B. Mader

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. B. Mader  
 U. S. Deputy Mineral Surveyor, before me Henry J. Andrews  
 this 21<sup>st</sup>  
 day of September 1903

Henry J. Andrews  
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, P. N. Nissen, and C. F. Plummer

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Toon King Extension No 1 mining claim, situate in Big Bug Mining district, Yavapai County, Arizona Territory, for which A. J. Carroll

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 his grantor exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

P. N. Nissen  
C. F. Plummer

TERRITORY OF ARIZONA,  
County of Yavapai } ss:

Sworn to and subscribed before me, this 21st day of September, 1903



Henry J. Andrews  
Notary Public

## "Iron King Extention No. 1"

## Notice of Mining Location

## Lode Claim.

To all whom it may concern:

This Mining Claim, the name of which is the Iron King Extention No 1 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 A.J. Carroll, a citizen of the United States the undersigned, on the 22 day of May 1903.

The length of this claim is 1445 feet, and I claim 335 feet in a Southerly direction, and 1110 feet in a Northerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 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 Southerly to the Northerly.

The claim is situated and located in the Big Bug Mining District, in Yavapai County, in the Territory of Arizona, about one half mile in a Northerly direction from Iron King Mill and about one and one half miles Westerly from Val Verde Smelter and on Sections 15 and 16, Township 13 North Range 1 East C & S M.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument at a point in a Southerly direction 335 feet from the discovery shaft (at which this notice is posted), being in the center of the South end line of said claim; thence Westerly 300 feet to a stone monument, being the southwest corner of said claim; thence Northerly 1445 feet to a stone monument, being at the Northwest corner of said claim; thence Easterly 300 feet to a stone monument at the center of the North end of said claim; thence Easterly 300 feet to a stone monument, being at the Northeast corner of said claim; thence Southerly 1445 feet to a stone monument at the Southeast corner of said claim; thence Westerly 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 16 1901.

Dated and posted on the ground this 22 day of May 1903.

A.J. Carroll.

Witness                    )  
     E. Lee                    :  
     E.T. Michaels        )

Filed and recorded at request of J.W. Conger June 26<sup>th</sup> A.D. 1903 at 1:30 o'clock P.M., Book 59 of Mines, page 93, Records of Yavapai County, Arizona.

(Seal)

P.J. Farley  
 County Recorder.

By E.C. Averyt  
 Deputy Recorder.

TERRITORY OF ARIZONA, )  
 ) :SS  
 COUNTY OF YAVAPAI )

I, F. J. FARLEY, County Recorder in and for the County of Yavapai, in the Territory of Arizona and Custodian of the records thereof do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "Iron King Extension No. 1 Mining Claim, as the same appears from the records of my office in Book 39 of Mines, page 98, Records of Yavapai County, Arizona.



*F. J. Farley*  
 County Recorder.

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.

*Dec. 28<sup>th</sup>*, 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 A. J. Carroll

....., known as the  
Iron King Extension No. 1.

situate in Big Bug mining district,

Yavapai County, Arizona.

in Section 15 & 16, Township No. 13 N., Range No. 1 E.

....., designated as Survey No. 1855

executed by A. B. Mader, U. S. Deputy Mineral

Surveyor, Sept. 8th, 1903, 190..., under my instructions dated

Aug. 26th, 1903., 190..., 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.

*Frank S. Ingalls*

U. S. Surveyor-General for Arizona.

14  
Prescott, Ariz. Nov. 16<sup>th</sup>, 1905-

Hon. Frank S. Duggles  
U.S. Surveyor General  
Phoenix, Ariz.

Sir,

I have just completed a survey in the field, this being my first opportunity since my return to Prescott of a tie line from Cor. No. 1 of the Iron King Est. No. 1 Lode Surv. No. 1955 to a cor. of the public <sup>land</sup> survey, as per your letter of Oct. 20<sup>th</sup>, 1905.

I was able to find, with the aid of an old settler in this part of the country, a cor. of the public land survey, viz - cor. 10-11-14-15, Tps. 13 N, R. 1 E, which is a green diorite stone (probably designated granite in the official notes) 8" x 8" x 16" long set about 3<sup>1/4</sup>" in the ground and surrounded by a mon. of stone ~~at~~ 2' base x 18" high. The cor. stone is marked with four notches on E edge and two notches on the N edge but has been set wrong in the ground, the four notches should be S and two notches E which would be the case if the stone were given a 1/4 turn. This stone is verified by

# POOR QUALITY

**The following pages are scanned at the best possible quality setting. The original pages are of poor quality and this is the best possible reproduction.**



The surveys of the Prescott and Eastern Rail  
Road Co. and the survey of the Arizona  
Smelting Co. from a sec. cor. ~~two~~ <sup>two</sup> miles  
south.

The bearing and distance from cor. No 1  
of the Prescott Eastern in No 1 Sec. No 1855  
to cor. 10-11-14-15, T13N, R1E, is  
N61°-32' E, 6427.9 feet.

respectively.

A. B. [unclear]

U. S. Deputy <sup>miner</sup> Surveyor



Survey No 1855  
 Prescott Land District  
 Surveyed Sept 8, 1903.  
 by A. B. Mader, U.S. Dep. Min. Surveyor  
 Scale 200' to 1 in.

