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(4-683.)

Mineral Survey No. 2194

Lot No. _____

Arizona
Lucas Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. G. Carruthers

per George W. Lewis his attorney
Trason, Ariz

KNOWN AS THE

Copper King

Sjo Mining District.

Pima County, Arizona

Section unsurveyed Township 11 S, Range 6 W (approx)

Surveyed under instructions dated Jan 3rd, 1906

by L. D. Chilson
U. S. Deputy Mineral Surveyor

Claim located February 16, 1897

Survey commenced January 16, 1906

Survey completed January 17, 1906

Address of claimant: Yuma - Ariz

Tie out
Ledge
out
area out

Ref asked for location

- Feet. Mineral Survey No. 2194.
COPPER KING.
- Beginning at the original location monument of stones at the Southeast corner of the claim, the same being identical with corner No. 2 of the ~~patented~~ Southern ~~claim~~. *Lode, Sur. No 454*
- Set a pine post 4 x 4 ins., by 4 ft., scribed C. K. C. 1-2194, 1 foot in the ground and surround same with a mound of stones. Whence,
- U. S. M. M. No. 1 bears S. 75 57' E., 1083.95 ft.
S. W. cor. stone in the Old Ajo Corral bears N. 10 W., 160.33 feet.
- Corner No. 3 of the Ajo Junior, *Lode, Sur. No 461* ~~patented claim~~, bears S. 31 W., 695 feet.
- Thence N. 87⁰ W.
Var. 12⁰ 40' E.
- 84.50 South end center of claim, A pine post 4 x 4 ins. marked C. K. S. C. C. M., surrounded with a mound of stones. Whence,
- Discovery shaft 4 x 6 x 30 feet deep, bears N. 5⁰ 44' E., 259 feet.
169. To corner No. 2. Identical with original location monument.
- Set a pine post 4 x 4 ins., 4 ft. long, scribed C. K. C. No. 2-2194, 1 ft. in the ground and surround same with monument of stones. Whence,
- An old 4 x 4 ins. post with dim marks, S. C. Ct. in mound of stones, the N. W. cor. of the ~~patented~~ Southern ~~claim~~, *Lode, Sur. No 464* bears N. 87⁰ W., 621.50 feet.
- S. E. Cor. of stone house bears N. 31 45' W., 28.93 feet.
- Thence N. 2⁰ 36' W.,
Var. 12⁰ 40' E.
600. To post and mound of stones, the N. E. cor. of the Ajo View mining claim, unsurveyed.

Copper King claim, (Page 2)

- Feet.
- 1482.36 Original location monument, the N. W. cor. of claim.
 Set a pine post 4 x 4 ins., 4 ft. long, scribed C. K. C. No. 3-2194, 1 ft. in the ground, and surround same with a mound of stones, for cor. No. 3. Whence,
 A Palo Verde tree 12 ins. dia. bears S. $10^{\circ} 15'$ W., 62 feet, which I scribe C. K. C. No. 3-2194 B. T.
 No other bearings available.
 Thence S. 87° -E.
 Var. $12^{\circ} 40'$ E.
300. To North end center monument. Identical with location mon. A pine post 4 x 4 ins. marked G. K. NEC Mon. surrounded with mon. of stones.
- 600 Original location monument of stones, and corner No. 4.
 Set a pine post 4 x 4 ins., 4 ft. long, scribed ^{1 ft. in ground} and C. K. C. No. 4-2194, surround same with mound of stones.
 Whence,
 A Palo Verde Tree 5 ins. dia. bears N. 59° -W., 55 feet dist., scribed C. K. C. 4-2194 B. T.
 No other bearings available.
 Thence S. $5^{\circ} 44'$ W.
 Var. $12^{\circ} 40'$ E.
- 1030.83 To corner No. 5. Identical with original location monument, situated on the westerly side line of the Ajo Junior, ^{Lode Linc. No. 457} ~~patented mining claim.~~
 Set a pine post 4 x 4 ins., 4 ft. long, scribed C. K. C. 5-2194, 1 ft. in the ground, and surround the same with mound of stones. Whence,
 An old 4 x 4 ins. post with dim marks C. IV, the N. W. cor. No. 4 of the Ajo Junior ^{Lode Linc. No. 457} ~~mining claim patented,~~ bears N. 31° -E., 299 feet.
 No other bearings available.
 Thence S. 31° -W.
 Var. $12^{\circ} 40'$ E.
- 505.20 To cor. No. 1, the place of beginning, survey of exterior boundaries.

Feet.

AREA, 15,572 Acres.

Location.

This claim is located in the Ajo Mining District, Pima County, Arizona Territory, approximately in T. 11 S., R. 6 W., (unsurveyed).

Adjoining claims.

This claim is bounded on the North by Childs and Dykes claim, name unknown, unsurveyed. On the East by the Wedge claim, unsurveyed, and the Ajo Junior ~~claim, patented~~ ^{Code. Sur. No. 457} ~~claim, patented~~ ^{Code} On the South by the Southern ~~claim,~~ ^{Sur. No. 454} ~~patented~~ On the West by the Ajo View claim, unsurveyed, and the Valley, ^{claim} unsurveyed.

Ledge.

The course of the ledge on this claim is from the south end center mon. to the North end center Mon. N. 5° 44' E., throughout the length of the claim. 1477 ft.

The survey is identical with the original location. Discrepancies between this survey and the original location notice is due to errors existing in the latter.

EXPENDITURE OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

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

No. 1. Discovery shaft, 4 x 6 by 30 feet deep, which bears from South end center Mon. N. 5° 44' E., 259 feet.

Value, \$250.00

No. 2. Shaft 12 x 16 ft., 8 feet deep, which bears from Cor. No. 5, N. 15° W., 21 feet.

Value, \$100.00

No. 3. Tunnel 5½ x 6½ feet extending N. 60° 45' W., 60 feet, mouth of which bears N. 11° 30' W., 578 feet from Cor. No. 5.

Value, \$500.00

No. 4. Shaft 4 x 6 x 20 feet deep, which bears S. 5° 45' E., 288 feet from North end center monument.

Value, \$200.00

No. 5. A shaft 4 x 6 x 18 feet deep, which bears S. 17° 30' W., 400 feet from North end center Monument.

Value, \$150.00

Other shafts and tunnels aggregating 212 feet of work, cost exceeding the sum of \$500.

INSTRUMENT.

This survey was executed with a Gurley Engineers' Transit, with solar attachment, 8" plate. The distances were measured with 100 foot steel tape. The courses were deflected from the true meridian, determined by Polaris observations, checked by observations on the Sun.

J. D. Hillson

U. S. Deputy Mineral Surveyor.

Jany. 27th, 1906.

The disagreement between the ~~at~~ connecting line of this survey and those of the two adjoining surveyed claims are due to errors in the prior surveys.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lorenzo D. Chilson

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 F. G. Carruthers

known as the Copper King Mining Claim

and showing the respective capacities in which they acted.

Thomas Childs Jr., Chairman.

John H. Merrill, Chairman.

George H. Pomroy, Azman.

" " " " , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Thomas Childs Jr. & George H. Pomroy
and John H. Merrill, do solemnly swear that we assisted Lorenzo D. Chilson, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of F. G. Carruthers

known as the Copper King Mining Claim

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 the District of Arizona

Thomas Childs Jr., Chairman.

John H. Merrill, Chairman.

George H. Pomroy, Azman.

" " " " , Flagman.

Subscribed and sworn to by the above-named persons before me this 17th

day of January, 1906.

My Commission expires Feb. 24th 1906

L. D. Chilson - Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, L. D. Chilson, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Dist. of Arizona, dated January 3rd 1906, 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 E. G. Caruthers claimant, per George W. Lewis, stty, known as the Copper King, situate in So Mining District, Pima County, Arizona, in Section approx., Township No. 11 S., Range No. 6 West (unsurveyed), and designated as Survey No. 2194, 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.

L. D. Chilson
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said L. D. Chilson,
U. S. Deputy Mineral Surveyor, before me Thomas A. Boston
A Notary Public this Twenty Ninth
day of January 1906.
Thomas A. Boston
Notary Public

Affidavit of Five Hundred Dollars Improvements.

We, Daniel F Taylor and George H Pomroy

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

Copper King mining claim, situate in the 1st

mining district, Pima County, Arizona Territory, for which E. C. Car-

-uthers; through his Atty George W. Lewis

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

in said mine.

Daniel F Taylor

George H Pomroy

TERRITORY OF ARIZONA,
COUNTY OF Pima } ss:

Sworn to and subscribed before me this 17th day

[SEAL.]

of January, 1906
My Commission expires Feb, 24th 1906

L. D. Chilson - Notary Public

COPPER KING MINING CLAIM.

Mining Location. Quartz claim. We claim 1500 feet along this mineral lead and 300 feet on each side of the center of the lead extended in length Northerly and Southerly. Beginning at a monument of stones about 240 feet south of the monument of stones at the discovery shaft at which this notice is posted and extending 1500 feet northerly. The surface boundaries are marked by four corners, two end center and two side center monuments. This claim is bounded on the west by the Ajo View & Valley mining claims, and on the south and west by the Ajo patented mines. Situated in the Ajo Mining District at about 1000 ft. from the U.S. mineral monument in a north-westerly direction, and shall

TERRITORY OF ARIZONA, }
County of Pima } ss.

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I, Chas A. Shihell 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 Copper King Mining Claim, situated in Ajo Mining District, Pima Co., located Feb. 16th 1897-

as appears of Record now in my office in Book 77 Books of Mines Pages 526

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this 2nd day

of January A. D. 1906.

Chas A. Shihell
County Recorder of Pima County, Arizona.

by L. M. P. deputy.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

Feb. 17, 1906

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 E. S. Carruthers,

known as the Copper King, situate in AJO Mining District, Pima County, Arizona, in Section, Township No. 11 S., Range No. 6 W. unsurveyed, and designated as Survey No. 2194,

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 five hundred dollars' worth of labor has been expended or improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 4 shafts and 1 tunnel, toval value \$1200.00

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 Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona.

