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4-683.

Mineral Survey No. *2439 A + B*

Lot No.

Yuma

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Joseph Dougherty + John Chartz

KNOWN AS THE

*Cow Horn hole + Cow Horn Mill-site
Eureka*

Mining District,

Yavapai County, *Yuma*

Sections *21 + 22*, Township *13 N*, Range *6 W*, *Unsur.*

Surveyed under instructions dated *June 13*, 1907

by *J. J. Fisher*,
U. S. Deputy Mineral Surveyor

Claim located *See location notices*, 1

Survey commenced *July 15th*, 1907

Survey completed *" 16*, 1907

6-163

Address

E. M. Sanford, attorney,

*Prescott
Arizona*

*Ties ✓
are ✓
larger
area ✓
see report*

818

SURVEY NO. 2439 A.

Feet

COW HORN LODGE.

Beginning at initial mon. of loc., a mon. of stones 2 ft. base 2.5 ft. high.

Thence N. 47° E.

500

To N. C. E. identical with N. C. E. of loc., a mon. of stones 2 ft. base 2.5 ft. high.

Set a granite stone 24 x 8 x 8 ins. 12 ins. in ground, alongside raise a mound of stones 3 x 3 ft., stone marked N. C. E. C. W. 2439 A.

Thence S. 43° E.

300

To cor. No. 1 identical with cor. of loc., a mon. of stones 2 ft. base 2.5 ft. high.

Set a granite stone 20 x 10 x 5 ins. 12 ins. in ground, alongside raised a mound of stones 3 x 3 ft., stone marked C. H. 1-2439 A.

Whence a X on a granite rock in place marked B.R.

C. H. 1-2439 A brs. S. 64° 20' W. 26.5 ft.

A X on a granite rock in place marked B.R. C. H.

1-2439 A brs. N. 24° 45' E. 56.4 ft.

Cor. to secs. 14, 15, 22, and 23, Tp. 13 N., R. 6 W. brs. N. 50° 9' E. 5357.1 ft.

Cor. No. 1 Cow Horn mill site brs. N. 88° E. 580 ft.

Thence S. 47° W.

1500

To cor. No. 2, identical with cor. of loc., a mon. of stones 2 ft. base 2.5 ft. high.

Set a granite stone 24 x 12 x 4 ins. 12 ins. in ground, alongside raised a mound of stones 3 x 3 ft., stone marked C.H. 2-2439 A.

Whence a X on a granite rock in place marked B.R.

C. H. 2-2439 A brs. S. 69° W. 12.6 ft.

A X on a granite rock in place marked B.R. C. H.

2-2439 A brs. S. 12° E. 17.6 ft.

MISSING

PAGE(S)

3

4

SURVEY NO. 2439 B.

Feet.

ground, stone marked C. H. 1-2439 B.

Whence a X on a granite rock in place marked
B.R. C.H. 1-2439 B hrs. N. $6^{\circ} 45'$ E. 28.9 ft.

Thompson Spring S. 69° W. 100 ft.

Cor. to secs. 14, 15, 22, and 23, Tp. 13 N.,
R. 6 W., hrs. N. 46° E. 4912.4 ft.

Cor. No. 1 Cow Horn Creek hrs S. 88° W. 580 ft.

Thence N. 78° W.

370 To Thompson Creek 10 ft. wide, course N.

466.5 To cor. No. 2, identical with cor. of loc., a mon.
of stones 2 ft. base 2.5 ft. high.

Set a granite stone 36 x 18 x 10 ins. 20 ins. in
ground, alongside raised a mound of stones 3 x 3 ft.,
stone marked C. H. 2-2439 B.

No bearings available.

Thence S. $14^{\circ} 45'$ W.

300 To Thompson Creek 10 ft. wide, course N. E.

466.5 To cor. No. 3, identical with cor. of loc.

Set a granite stone 30 x 16 x 10 ins. 20 ins. in
ground, alongside raised a mound of stones 3 x 3 ft.,
stone marked C. H. 3-2439 B.

No bearings available.

Thence S. 78° E.

466.5 To cor. No. 4, identical with cor. of loc., a mon.
of stones 2 x 2.5 ft.

Set a lava stone 24 x 18 x 10 ins. 12 ins. in
ground, alongside raised a mound of stones 3 x 3 ft.,
stone marked C. H. 4-2439 B.

Whence a X on a lava rock in place marked B.R. C. H.
4-2439 B. hrs. N. 78° E. 30.6 ft.

No other bearings available.

SURVEY NO. 2439 B.

Feet

Thence N. 14° 45' E.

466.5

To cor. No. 1, the place of beginning survey of exterior boundaries.

Variation at all the corners 14° 30' E.

A R E A

COW HORN lode	20.661 acres ✓
COW HORN Mill Site	<u>4.990</u> acres ✓
Total area Survey 2439 A & B	25.651 acres. ✓

V E I N

Cow Horn vein extends N. 47° E. 500 ft. and S. 47° W. 1000 ft. from location monument.

L O C A T I O N

This claim is located approximately in ^{manuveyal} Secs. 21 and 22, Tp. 13 N., R. 6 W., G. & S. R. B. & M. in Eureka Mining District, Yavapai County, Arizona. There are no adjoining claims.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the improvements upon this claim placed thereon by the Claimants and their grantors is not less than Five Hundred Dollars and that said improvements consist of:

SURVEY NO. 2439 A & B.

Discovery Shaft No. 1 hrs. from the loc. mon.
 S. 47° W. 5 ft. Shaft 4 x 6 ft. 55 ft. deep.
 VALUE \$550.00

Open Cut No. 2 which hrs. from the loc. mon.
 S. 47° W. 40 ft. Cut 3 x 20 ft. 5 ft. deep.
 VALUE \$100.00

Cut No. 3, which hrs. from the loc. mon. N. 47° E.
 25 ft. to S. end of cut. Cut 3 x 50 ft. 3 ft. deep.
 VALUE \$150.00

Total value of improvements \$800.00

I N S T R U M E N T

This survey was made with a light mountain Gurley Solar transit, the courses were deflected from the true meridian as determined by solar observation. The distances were measured with a 50 ft. and 300 ft. steel tape.

Prescott, Arizona.

July 25, 1907.

J. J. Fisher
 U.S. Dep. Min. Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. J. Fisher

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

Joseph Dougherty and John Chantz
known as the Cow Horn lode & Cow Horn Mill-site

and showing the respective capacities in which they acted.

- E. H. Draper , Chainman.
- R. D. Dickey , Chainman.
- R. D. Dickey , Axman.
- E. H. Draper , Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. H. Draper

and R. D. Dickey , do solemnly swear that we assisted J. J. Fisher

....., United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Joseph Dougherty and John Chantz

known as the Cow Horn lode & Cow Horn Mill-site

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

- E. H. Draper , Chainman.
- R. D. Dickey , Chainman.
- R. D. Dickey , Axman.
- E. H. Draper , Flagman.

Subscribed and sworn to by the above-named persons before me this 16th

day of July , 1907

J. J. Fisher
Notary Public

My Commission Expires
May 9, 1908.
1723766m3-05

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 13th 1907, 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 Joseph Dougherty and John Chantry, known as the Cow Horn Lode & Cow Horn Mill-site, situate in Eureka Mining District, Yavapai County, Arizona, in Sections, Approx 21 & 22, Township No. 13 N., Range No. 6 W. 4 & 5 R. B. M. 2nd Sec. and designated as Survey No. 2439 A. & B., 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 their 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.

J. J. Fisher
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher
U. S. Deputy Mineral Surveyor, before me W. H. Hill,
a Notary Public, this 3rd
day of July, 1907. My Commission expires
June 23, 1911.
W. H. Hill
Notary Public.

Affidavit of Five Hundred Dollars Improvements.

We, E. H. Draper, and R. D. Dickey

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

acquainted with the Cow Horn mining claim,

situate in Curke Mining district, Yavapai County,

Arizona Territory, for which Joseph Dougherty and

John Chantz

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 improve-

ments made thereon by the applicant and their grantor exceed Five Hundred

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

E. H. Draper

R. D. Dickey

TERRITORY OF ARIZONA,

County of Yavapai } ss:

Sworn to and subscribed before me, this 16th

day of July, 1907



J. J. Fisher
Notary Public

14396b400-8-04

My Commission Expires
May 9, 1908.

"Cow Horn"

Notice of Mining Location.

Quartz Claim.

To All Whom It May Concern:

This Mining Claim, the name of which is the Cow Horn 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 John Chartz the undersigned, on the 22 day of November 1898

The length of this claim is 1500 feet, and I claim 500 feet in a Northern direction and 1.000 feet in a southern 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 North to the South

The claim is situated and located in theMining District, in Yavapai County, in the Territory of Arizona, about 1/4 mile in a West direction from Thompson Spring & Three Miles in a Northern direction of Hillside.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a Northern direction 500 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence 300 feet to a monument of stone, being the North West corner of said claim; thence south 750 feet to a Monument at the center of the West side line of said claim; thence 750 feet to a Monument being at the South West corner of said claim; thence 300 feet to a monument at the center of the South end of said claim; thence 300 feet to a monument, being at the South East corner of said claim; thence 750 feet to a Monument being at the center of the East side line of said claim; thence 750 feet to a Monument at the North East corner of said claim; thence 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 Concerning Mines," approved March 20th, 1895.

Dated and posted on the ground this 22 day of November 1898

John Chartz

Filed and recorded at request of T.R.Darnell Feby 25" A.D. 1899 at 1:10 o'clock P M. Book 50 of Mines Page 462 Records of Yavapai County, Arizona.

W.I.Johnson
County Recorder.

(Seal)

By F.H.Dougherty
Deputy Recorder.

"Cow Horn"

Location Notice

----of----

The Mill-Site Claim and Water Right.

Know all men by these presents: That I the undersigned, have this day located a Mill-Site for the purpose of erecting suitable works for reducing the ores of the Cow Horn Mining Claim, situated in.....Mining District, Yavapai County, Arizona Territory- The exterior boundaries of said Mill-Site Claim, are as follows; viz.: Commencing at a monument of stone at N.E. corner of claim, and running thence in a westerly direction, 466 1/2 feet to monument of stone at N.W. corner of claim thence in a southerly direction 466 1/2 feet to monument of stone at S.W. corner of claim, thence in an easterly direction, 466 1/2 feet to monument of stone at S.E. corner of claim, thence in a northerly direction, 466 1/2 feet to monument of stone at N.E. corner of claim and place of beginning.

This location may be more generally described as being situated about three miles North Easterly from Hillside Post Office and generally know as "Thompson's Spring" That we have also located in connection with the said Mill-Site Claim all inches miners' measure of the water of this Spring under and in accordance with the laws of the Territory of Arizona, regulating the location and possession of water rights.

Dated on the ground, this 22, day of November, 1898

John Chartz.

Witness:)
)
T.R.Darnell.)

Recorded at request of T.R.Darnell, Feby. 25 A.D. 1899, at 1:10 O'clock P.M. in Book 3^{of} Mill-Site and Water Rights, pages 317-318, Records of Yavapai County, Arizona.

(Seal)

W.I.Johnson
County Recorder.

TERRITORY OF ARIZONA,)
) ss.
 COUNTY OF YAVAPAI.)

I, J.C. Bradbury, County Recorder in and for the County of Yavapai, Territory of Arizona, and custodian of the records of such office, do hereby certify that I have compared the foregoing copy with, and that the same are full, true and correct copies of the following named location notices filed for record in my office and as the same appear in Books and pages as follows:-

The "Cow Horn" Mining Claim, notice of location whereof, is of record in Book 50 of Mines, page 462, Records of Yavapai County, Arizona.

The "Cow Horn" Mill-Site Claim and Water Right, notice of location whereof is of record in Book 3 of Mill-Sites and Water Rights, pages 317-318, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 12th day of June, A.D. 1907.



J. C. Bradbury
 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,

September 30, 1907.

I, U. S. Surveyor-General for 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

Joseph Dougherty and John Chartz

known as the Cow Horn lode and Cow Horn Mill-site

situate in Eureka

Mining District, Yavapai County, Arizona

in Section s. 21 & 22, Township No. 13 N., Range No. 6 W. Unsur., and

designated as Survey No. 2439 A & B, 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 claimants or their grantors, and that said improvements consist of 1 shaft and 2 cuts, total value, \$500.00

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.

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,

September 30, 1907.

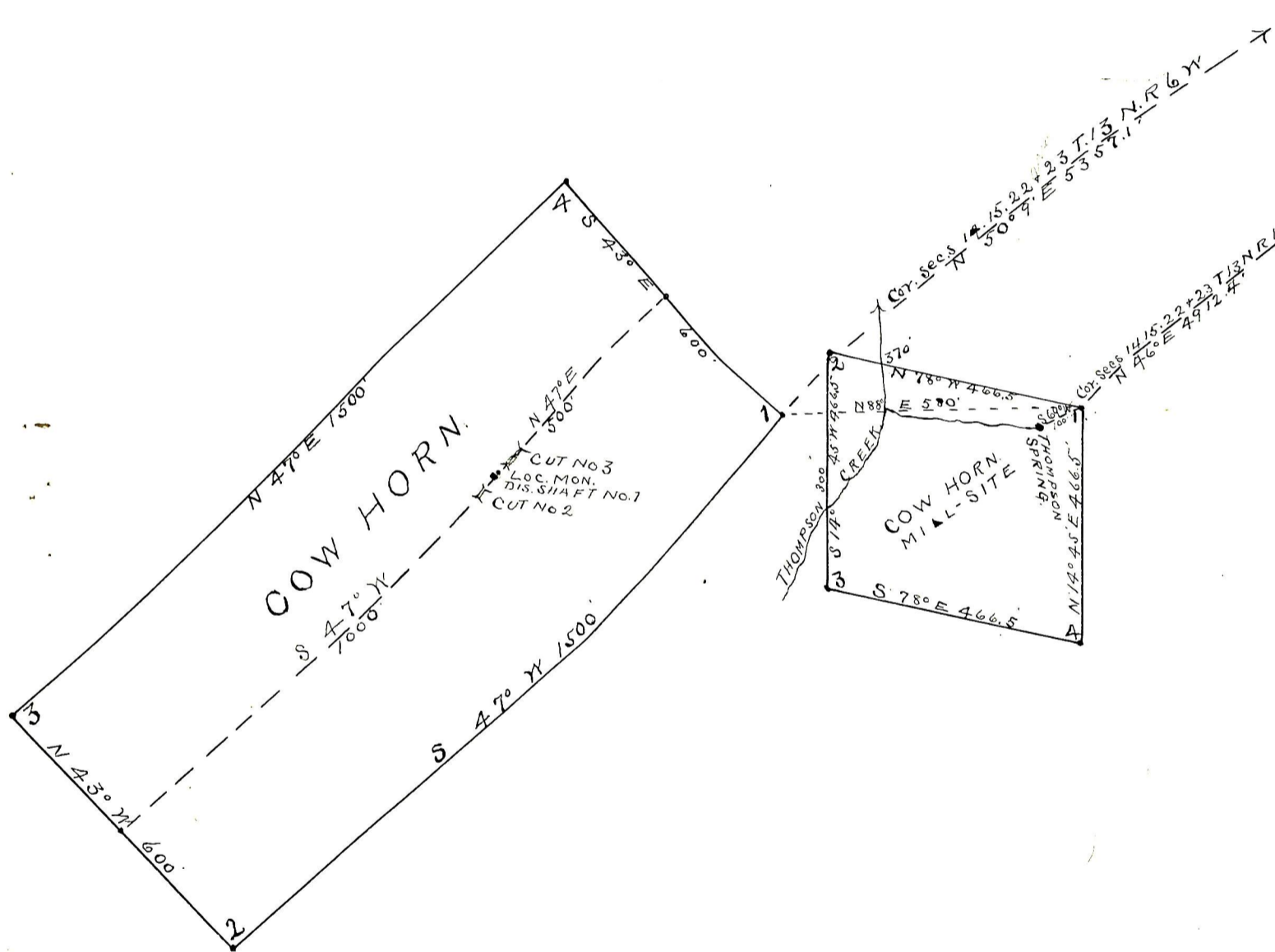
I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Joseph Dougherty and John Chartz, known as the Cow Horn lode and Cow Horn Mill-site, situate in Eureka mining district, Yavapai County, Arizona, in Sections 21 and 22 Township No. 13 N, Range No. 6 W, Unsur., designated as Survey No. 2432 A & B, executed by J. J. Fisher, U. S. Deputy Mineral Surveyor, July 15 - 16, 1907, under my instructions dated June 13, 1907, have been critically examined and the necessary corrections 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 applicants for survey is included in the field notes.



U. S. Surveyor General for Arizona

SURVEY No. 2439 A+B
ARIZONA LAND DISTRICT.

APPROXIMATELY IN SECS. 21+22 T.13 N. R.6 W. G. & S. R. B. & M.



SURVEYED JULY 15+16, 1907
BY J. J. FISHER,
U. S. D. M. SURVEYOR.