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(4-683.)

Mineral Survey No. 1288

Lot No. _____

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Commercial Mining Company

KNOWN AS THE

Tredwell and Boomerang

Hassayampa

Mining District,

Yavapai County, Arizona

Section Approximately, Township 12 N, Range 2 W

Surveyed under instructions dated May 9th, 1898,

by J. J. Fisher

U. S. Deputy Mineral Surveyor.

Claim located 9th July 1886 or 7th Nov., 1887.

Survey commenced May 25th, 1898.

Survey completed May 26th, 1898.

Address of claimant J. S. Douglas,
City, in Just
Prescott
Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, E. H. Draper and W. C. Kent,
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 The Commercial Mining Company,
known as the Tredwell and Bomerney,
situate in Hassayampsa mining district,
Javapai County, Arizona,
in Section _____, Township No. _____, Range No. _____.

E. H. Draper, Chainman.
W. C. Kent, Chainman.

J. J. Fisher

Subscribed and sworn to by the above-named persons before
my commission me this 24 day of May, 1898.
Expire May 10-1900

J. J. Fisher
Notary Public

I, E. H. Draper, do solemnly swear that I will well and
truly perform the duties of axeman, 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 The Commercial Mining Company,
known as the Tredwell and Bomerney,
more fully described in the preceding affidavit.

E. H. Draper, Axeman.

Subscribed and sworn to by the said E. H. Draper
before me this 24 day of
May, 1898.

my commission
Expire May 10-1900

J. J. Fisher
Notary Public

J. J. Fisher

I, W. C. Kent, 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 The Commercial Mining Company,
known as the Tredwell and Bomerney,
more fully described in the preceding affidavit.

W. C. Kent, Flagman.

Subscribed and sworn to by the said W. C. Kent
before me this 24 day of
May, 1898.

my commission
Expire May 10-1900

J. J. Fisher
Notary Public

J. J. Fisher

Survey No 1288

1

Foot

Tredwell Lode

Beginning at N.E. corner of claim, Cor. No. 1.
 Identical with N.E. corner of the location.
 A granite stone 10x10x24 ins. set 1 foot in
 ground, along side built a mon. of stones
 3 feet on base and 3 feet high.

Stone marked T. No. 1-1288, same stone
 marked B. No. 2-1288, for Cor. No. 2

Recommencing of this survey.

A + on granite rock in place, marked
 B. B. T. No. 1-1288 bearing N 76° W 68.5 feet.

U.S.M.M. No. 1. H.D. bearing N 43° 20' E 3398.4
 No other bearings available

Thence S 48° 57' W
 Var. 12° E

1148.8 To intersect line 3-5 Survey No 964, Snoger
 Lode, at N 56° W from Cor. No. 5. 230 feet

1206.5 To Cor. No. 2. Identical with S.E. Cor. of
 the location.

A porphyry stone 6x8x34 ins. set 1 foot
 in ground and along side built a
 mon. of stones, 3 feet on base and 3 feet
 high. Stone marked T. No. 2-1288.

A + on an oak tree 6" diameter blazed
 and marked B. T. T. No. 2-1288 bearing S 74° 26'
 W 11.5 feet.

A + on an oak tree 8" diameter
 blazed and marked B. T. T. No. 2-1288
 bearing S 43° 22' W 18.2 feet.

Thence N 35° W
 Var. 13° E

155.5 To intersect line 3-5, Survey No 964, Snoger.
 Lode, at S 56° E 210 feet from Cor. No. 3

300 To Cor. No. 2. Survey No 975. West Point Lode

390 To Maple Gulch. 10' wide course N.E.

550 To Cor. No. 6. Survey No 975. West Point Lode.

600 To Cor. No. 3. Identical with location.

A granite stone 4x10x24 ins. set 1 foot
 in ground, along side built a mon.

Feet.

Ironwell Lodge

7 stones 2 feet on base and 2 feet high.
 Stone marked J No 3-1288, same stone
 marked C. No 7. for cor. No 7. Cherry Survey
 No 962. A + on an oak tree 10" diameter
 blazed and marked B. J. J. No 3-1288 bes.
 S 78° E 29 feet. A + on an oak tree 20"
 diameter blazed and marked B. J. J. No 3-
 1288 bes. N 28° 35' E 33.5 feet.

Thence N 55° E

Var. 14° E

206

To Cor No 4, which is also cor No 8. Survey
 No 962. Cherry Lodge and Cor No 9. Survey
 No. 963. Ten Spot Lodge.

Set a porphyry stone 6 x 12 x 30 ins
 1 foot in ground, along side built
 a mon. of stones, 2 feet on base and
 2 feet high. Stone marked J. No 4-
 1288.

A + on a pine tree 20" diameter blazed and
 marked B. J. J. No 4-1288 bes. N 20° 45' E
 28.5 feet.

A + on a pine tree 24" diameter, blazed
 and marked B. J. J. No 4-1288 bes.
 S 59° 40' W 28 feet.

Thence N 47° 43' E

Var. 14° E

252

To west side mon. a mon. of stones, 2 feet
 on base and 18" high.

Initial mon. of the location bes. S 35° E 285
 feet a mon. of stones 2 feet on base and
 2 feet high.

1002

To Cor. No 5. Identical with N.W.
 corner of the location, and also Cor No 8.
 Survey No 963. Ten Spot Lodge.

I found an error in the course and
 distance between Cor. No 8 and 9, Survey
 No 963.

Feet

Tredwell Lode

A porphyry stone 6x8x24 ins. set 1 foot in ground, along side built a mon. of stones 3 feet on base and 3 feet high.

Stone marked T No 5-1288, same stone marked T.S. No 8, for cor. No 8, Survey No 963, Ten Spot Lode.

A + on granite rock in place, marked T No 5-1288 bes. S 80° 43' E 37 feet.

Thence S 35° E

Var. 11° 15' E

110 To cor No 7, Survey No 963, Ten Spot Lode.

315 To Maple Creek, course N.E. width 10 feet

600 To cor No 1 the place of beginning Survey of exterior boundaries.

Boomerang Lode

Beginning at N.E. cor. of claim. Cor. No 1.

Identical with the N.E. cor. of the lode.

A granite stone 6x10x24 ins, set 1 foot in ground, along side built a mon. of stones 3 feet on base and 3 feet high. Stone marked B. No 1-1288

A + on granite rock in place. marked

B.R. B. No 1-1288 bes. N 87° 42' E 22.5'

A + on an oak tree 10" diameter. Placed and marked B.T. B. No 1-1288 bes. N 32° 35' E 30 feet.

U.S. M.M. No 1. H.D. bes. N 47° 14' E 2756.5 feet.

Thence S 26° 59' W

Var. 14° E

673.5 To cor. No 2. Identical with location, which is also cor. No 1. Tredwell of this survey. Corner described above.

Feet.

Brooming Lodge

Thence $N 35^{\circ} W$

Var. $13^{\circ} E$

285

To Maple Gulet, course $N.E.$, width 10 feet

300

To Initial mon. of the location.

A mon. of stones 2 feet on base & 18" high.

490

To Cor. No 3. Orig. loc. mon. base. $N 35^{\circ} W 110$

feet. A granite stone $3 \times 8 \times 24$ ", set

1 foot in ground, along side built

a mon. of stones 3 feet on base & 3 feet

high. Stone marked B No 3-1288.

Same stone marked J.S. No 7. For

Cor. No 7. Ten Spot, Survey No 963.

A + on pine tree 24" diameter, blazed

and marked B.T. B. No 3-1288 base.

$S 3^{\circ} 50' W 56$ feet.

No other bearings available.

Thence $N 39^{\circ} 12' E$

Var. $11^{\circ} 15' E$

610

To center of Maple Gulet, course $N.W.$, width 10 feet.

618

Along the line 7-6 of Survey No 963 Ten Spot Lodge, to Cor No 4.

I found the course correct but found an error in the distance between Cor's No 7-6. Orig. loc. mon. base. $N 35^{\circ} W 258$ feet

A + on granite rock in place, marked B No 4-1288 for corner point, which is also Cor No 6. Ten Spot, Survey No 963

A + on granite rock in place, marked B.R. B. No 4-1288 base. $N 53^{\circ} 37' E 30$ feet

A + on granite boulder 8×8 feet 6 feet above ground, marked B.R. B. No 4-1288 base. $S 37^{\circ} 3' W 57$ feet.

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Survey No 1288

Feet.

Bromerney Lode

Thence S 35° E

N.W. 13° E

- 20 To Maple Gulch, Course N.W. width 10 feet
- 142 To Maple Gulch, Course N.W. width 10 feet
- 342 To Cor. No 1. The place of beginning survey of exterior boundaries.

Containing

Total area Fredwell lode	16,226 acres.
Less conflict with	
Survey lode, Survey No 964	<u>.101 acres</u>
Net area Fredwell lode	16,125 acres
Total Net area Bromerney lode	<u>5,676 acres</u>
Total area lode claims	21,801 acres.

Location

This claim is located on unsurveyed land approximately in T. 12, N. R. 2 W. G + S. B. M. in Hassayampa Mining District, Yavapai Co. Arizona.

Expenditure of Five Hundred Dollars.

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

of Fredwell Lode.

- Tunnel No 1, which bis. from Cor. No 2.
- West Point lode, which is the south-center end of Fredwell, N 1° 15' E 150 feet.
- Approach 4 x 25 feet 10 foot face, Tunnel 4 x 6 feet 60 feet long, course S.W.
- Value \$800

Improvements

Frederick Lode

Tunnel No 2, which bis. from Cor. No 2.
N 3° W 100 feet.

Approach 4 x 25 feet 12 foot face.

Tunnel 4 x 6 feet 35 feet long, course S. E.
Value \$400

Shaft No 3.

Which bis from Cor. No 4, N 80° 45' E 360 feet but
4 x 6 feet 60 feet deep.

Value \$600

Shaft No 4, which bis. from Cor. No 3.

Boreman's of this survey. South 150 feet
Shaft. 4 x 6 feet 50 feet deep.

Value \$500

Tunnel No 5, which bis from Cor. No 1.

N 49° 11' W 290 feet. Tunnel connects
with bottom of shaft No 4, 4 x 6 feet,
75 feet long.

Value \$750

Boreman's Lode.

Open Cut, No 1, which bis from Cor No 4,
S 35° E 42 feet, 4 x 30 feet average
depth 5 feet

Value \$100.

Shaft No 2, which bis. from Cor. No 1.

S 72° 50' W 450 feet. 4 x 6 feet 50 feet deep.

Value \$500.

There are two distinct veins running
through this claim which can be traced
the full length of both claims.

171
Survey No 1288

9

I find there is a great deal of
Magnetic iron ore the vicinity of
these claims, which effect the mag-
netic needle.

Instrument

The survey was made with a Trolley
Solar Transit, The courses were deflected
from the true meridian as determined
by direct solar and Polaris observations.
The distances were measured with
a 100 foot steel chain.

J. J. Fisher

U. S. Dep. Min. Surveyor.

Prescott June 14-1898

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 The Commercial Mining Company
 known as the Tredwell and Bomerany
 and showing the respective capacities in which they acted.

E. H. Draper, Chainman.

W. C. Kent, Chainman.

E. H. Draper, Axman.

W. C. Kent, Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. H. Draper
 and W. C. Kent, do solemnly swear that we assisted J. J. Fisher
Fisher, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Commercial
Mining Company

Tredwell and Bomerany, known as the
Tredwell and Bomerany, 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

E. H. Draper, Chainman.

W. C. Kent, Chainman.

E. H. Draper, Axman.

W. C. Kent, Flagman.

J. J. Fisher

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

this 27th day of May, 1898

my commission
 expires May 10th 1900

J. J. Fisher
 Notary Public

(4-686.)

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 May 9th, 1898, 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 The Commercial Mining Company, known as the Credwell and Boomerang, situate in Assayampa Mining District, Yavapai County, Arizona, in Section Approximately, Township No. 12 N., Range No. 2 W. 4 + S. R. M. and designated as Survey No. 1288, 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 its 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

this 13th
day of June, 1898.

J. A. Fisher
Register

Affidavit of Five Hundred Dollars Improvements.

We E. H. Draper and W. C. Kent

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Tredwell and Boomerney mining claim, situated in Hasayampa Mining district, Yavapai County, Arizona Territory, for which the Commercial Mining Company

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

E. H. Draper
W. C. Kent

TERRITORY OF ARIZONA, }
County of Yavapai } ss.

SWORN to and subscribed before me, this

27th day of May 1898

J. J. Fisher
Notary Public

My commission
expires May 10th 1900

J. J. Fisher

TREDWELL.

NOTICE OF LOCATION.

KNOW ALL MEN BY THESE PRESENTS: That the undersigned have this day Located Fifteen Hundred (1500) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the center of vein, with all Mineral Deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water privileges thereon or appurtenant thereto under and according to the provisions of the United States Mining Laws under which it is Located.

This claim commences at this Monument and Notice placed upon the ledge and runs seven hundred and fifty feet in a Northerly direction and seven hundred and fifty ~~feet~~ (750) feet in a Southerly direction along the ledge.

The Exterior boundaries are as follows, viz:-

Commencing at a Monument of stone on West boundary line distant Three Hundred (300) feet in a Westerly direction from Discovery Monument; thence in a Northerly direction parallel with the ledge seven Hundred and fifty (750) feet to monument of stone at N.W. corner of claim; thence in an Easterly direction at right angles across the ledge Six Hundred (600) feet to monument of stone at N.E. corner of claim; thence in a Southerly direction parallel with the ledge Fifteen Hundred (1500) feet to monument of stone at S.E. corner of claim; thence at right angles across the ledge in a Westerly direction Six Hundred (600) feet to monument of stone at S.W. corner of claim; thence in a Northerly direction parallel with the ledge Seven Hundred and Fifty (750) feet to Monument on West boundary and place of beginning.

This ledge may be more generally described as situated about fifteen hundred feet in an Easterly direction from the Senator Mine, situated in Maple Gulch in Hassayampa Mining District Yavapai County, Arizona Territory and shall be known as the TREDWELL Mining Claim.

Dated on the ground, this the 9th day of July, 1886.
Wm. DUNLAP.

Recorded at the request of A.D. Adams August 24th A.D. 1886 at 20 minutes past 11.0'clock A.M. in Book 22 of Mining Records, pages 428 to 430, Records of Yavapai County, Arizona.
William Wilkerson
County Recorder.

TERRITORY OF ARIZONA, §SS:
COUNTY OF YAVAPAI. §

I, W. I. JOHNSON, Recorder in and for said County, in said Territory, 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 "Treadwell" Mining Claim as the same appears of record in Book 22 of Mines, pages 428 to 430, Records of Yavapai County, Arizona.
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this 3rd. day of May, A.D., 1898.

W. I. Johnson
.....
County Recorder.

BOOMERANG.

NOTICE OF LOCATION.

KNOW ALL MEN BY THESE PRESENTS: THAT we the undersigned have this day located Eight Hundred (800) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the center of vein, with all mineral deposits contained therein, and all Timber growing within the limits of said claim, and all Water and Water Privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States, under which it is located.

This claim commences at this monument and Notice placed upon the ledge, and runs Fifteen Hundred (1500) feet in a Northerly direction along the ledge.

The Exterior boundaries are as follows, viz:

Commencing at this monument and notice, and running Three Hundred (300) feet in an easterly direction to monument at S.E. corner of claim; thence in a Northerly direction parallel with the ledge Eight Hundred (800) feet to monument at N.E. corner of claim; thence in a westerly direction at right angles across the ledge Six Hundred (600) feet to monument at N.W. corner of claim; thence parallel with the lode in a Southerly direction Eight Hundred (800) feet to monument at S.W. corner of claim; thence at right angles across the ledge in an Easterly direction Three Hundred (300) feet to monument upon the ledge and place of beginning.

This ledge may be more generally discribed as situated in Maple Gulch, about 1/4 of a Mile East of the Senator Mine and is the North extension of the Treadwell Mine, in Hassayampa Mining District, Yavapai County, Arizona Territory, and shall be known as the Boomerang Mining claim.

Dated on the ground, this 7th day of November, 1887.

William Dunlap.

Thomas Brown.

Recorded at request of Fred Sattes Dec., 27 A.D. 1887, at 45 minutes past 10 o'clock A.M. in Book 24 of ~~Mines & Minerals~~ Mining Records of Yavapai County, Arizona, pages 495-496.

(L.S.) E. J. F. Horne, County Recorder.

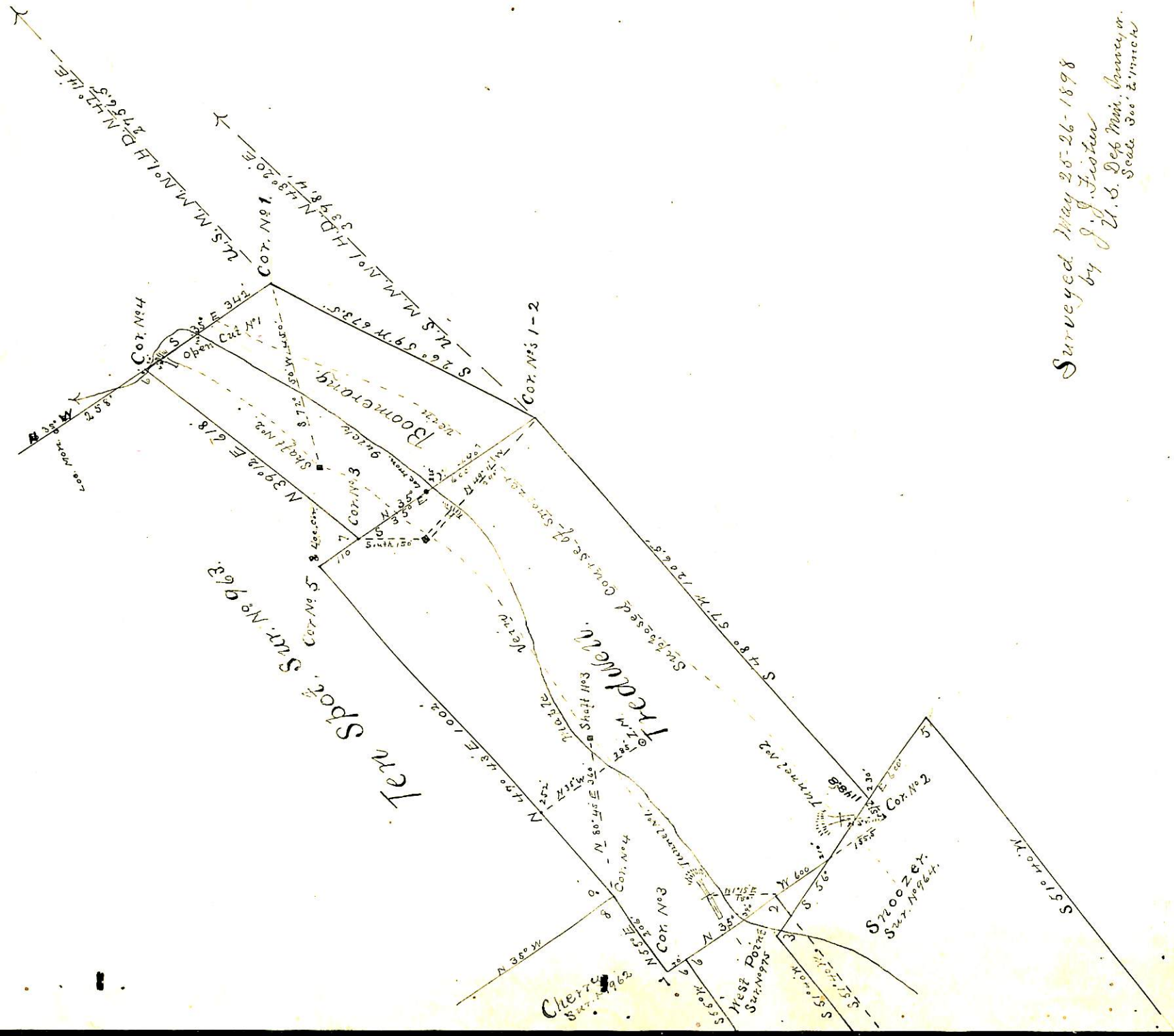
Territory of Arizona, !
!ss:
County of Yavapai. !

I, W. I. JOHNSON, Recorder in and for said County, in said Territory, 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 Boomerang Mining Claim, as the same apperas of record in Book 24 of Mines, pages 495 and 496, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this 3rd day of May, A.D. 1898.

W. I. Johnson
.....
County Recorder.

Survey No 1288
Prescott Land District



Surveyed May 25-26-1898
by J. J. Foster
U. S. Def. Min. Surveyor.
Scale 300' = 1 inch

(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,

Tucson, Arizona

October 22^d, 1898.

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 *The Commercial*
Mining Company, known as the
Tudwell and Boomerang,
situate in *Hassayampa* mining district,
Yavapai County, *Arizona*,
in Section *34* Township No. *12th*, Range No. *24th G. & S. R. M.*
designated as Survey No. *1288*
executed by *J. J. Fisher*, U. S. Deputy Mineral
Surveyor, *May 25-26*, 1898, under my instructions dated
May 9th, 1898, 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 applicant for survey is included in the field notes.

George Christ

U. S. Surveyor General for *Arizona*