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(4-683.)

Mineral Survey No. 1170

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Detroit Copper Mining Company
of Arizona

KNOWN AS THE

Dives Lode
Copper Mountain Mining District,
Graham County, Arizona

Section _____, Township 4, Range Unsurveyed

Surveyed under instructions dated April 5th, 1895

by Geo. M. Robison
U. S. Deputy Mineral Surveyor.

Claim located April 20th, 1886

Survey commenced July 1st, 1895

Survey completed July 8th, 1895

o 6-160

Address

Louis L. Swearing

Ag't. The Detroit Copper Mining Co.

Morenci, Arizona

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I we, Ricardo Rojas and _____,
do solemnly swear that ~~we~~ ^I will well and faithfully execute the duties of chain carrier;
that ~~we~~ ^I will level the chain upon even and uneyen ground and plumb the tally-pins,
either by sticking or dropping the same; that ~~we~~ ^I will report the true distance to all
notable objects, and the true length of all lines that ~~we~~ ^I assist in measuring, to the best
of ~~our~~ ^{my} skill and ability, and in accordance with instructions given ~~us~~ ^{me}, in the survey of
the Mining Claim of The Detroit Copper Mining Company
of Arizona, known as the
Divide Lode
situate in Copper Mountain mining district,
Graham County, Arizona,
in Section _____, Township No. _____, Range No. Unsurveyed.

Ricardo Rojas, Chainman.

_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 1st day of July, 1896.

Harry J. Van Gorder
Notary Public

I, _____, 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 _____

known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

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 _____,
18 _____.

Survey No 1170

Dives Lode.

Beginning at Cor No 1.

which is also Cor No. 1 of the Copper Mountain lode Lot No 37 A. The Detroit Copper Mining Co. owner also Cor No 1 of the Regulus lode Lot No 49 The Detroit Copper Mining Co. owner of $\frac{2}{3}$ interest and The Arizona Copper Co. owner of $\frac{1}{3}$ interest

A pine post 4x4 inches by 4 1/2 ft. long set 2 ft in the ground and in a mound of stones marked 1170 Dives. Whence

U.S. Min. Mon. No 4 Copper Mountain Mining District bears N. 9° 32' W. 452.8 ft.

The most Westerly corner of the Mornci Post Office building bears N 5° W. 175 feet.

The Shaft on this claim bears S. 43° W. 83 ft.

Thence S. 32° 34' E.

Var. 13° 50' E.

Feet
12.

To Cor No 2.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 1170 Dives.

This corner is on the N. W. side line of the Chalkos lode Lot No 74 The Detroit Copper Mining Co. owner, whence Cor No 2 Lot No 74 bears

N. 42° 15' E 603 ft

which line does not intersect S.E. cor no 1 of copper mountain lode, at S. 42° 15' W, 600 ft from cor. no 2, Chalkos (as per field notes of Chalkos 25 ft Richard's, 12 ft S.E. of it,

Thence S. 42° 15' W

Var. 13° 50' E.

171. Centre of the Clifton and Mornci

Feet. County road Course N.W. + S.E.
598.8 To Cor. No. 3.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 3/170 Dives Whence.

Cor No 3 Lot No 74 bears S. 42° 15' W. 266.2 ft.

Thence N 32° 34' W. ———
Var. 12° 50' E.

3.4 To Cor No 3 Hudson lode Survey No 1030 A. The Detroit Copper Mining Co's owner

107.4 To Cor No 4.

Also Cor No 3 of Lot No 49

A pine post 4x6 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked 4/170 Dives.

Thence N. 51° 22' E. ———
Var. 12° 50' E.

415: Along the South end line of Lot No 74 To County Road Course S.E. + N.W.

581.2 To Cor No 1 the place of beginning Containing 0.792 Acres.

This survey of the Dives lode practically conforms to the location survey. The evident intent was then to cover all the vacant ground lying between the Regulars, Chalkos and Hudson claims and to make the boundary lines conform to those of these three surrounding claims. Therefore in making survey of this claim I have followed the boundary lines of the three adjoining claims though this necessitated slight changes in

the recorded courses and distances given in the location notice. The original boundary monuments placed on this claim have all been destroyed.

Location.

This Claim is upon unsurveyed lands of the United States in Copper Mountain Mining District Graham Co. Arizona and near the town of Morenci.

Expenditure of Five hundred dollars.

I certify that the value of the labor and improvement upon this claim placed thereon by the claimant and its grantors is not less than Five hundred dollars and that said improvement consists of

A Shaft in rock 4x7 feet and 80 ft deep which bears from Cor. No. 1, S. 43° W. 83. ft

Value?

Other improvements none

Instrument.

This survey was made with a Gurley Solar transit. The Courses were deflected from the true Meridian as determined by solar observations. Distances were measured with a 200 ft steel tape and checked by triangulation

Address of Applicant
The Detroit Copper Mining Co.
Morenci

Louis L. Sweeney
Agent. Arizona

Morenci, Ariz
July 16th 1895-

Geo. M. Robison
US Dep Min Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo. M. Robison
 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 Detroit Copper Mining Company of Arizona
 known as the Dives Lode
 and showing the respective capacities in which they acted.

Ricardo Rojas, Chairman.
 _____, Chairman.
 _____, Assman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I Ricardo Rojas
 and _____, do solemnly swear that ~~we~~ ^I assisted Geo. M. Robison,
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Detroit Copper Mining Company of Arizona
 known as the Dives Lode, 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~~ ^{my} 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.

Ricardo Rojas, Chairman.
 _____, Chairman.
 _____, Assman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 8th day of July, 18 95.

Harvey Van Gordon
 Notary Public

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Geo. M. Robison, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 8th, 1896; 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 Detroit Copper Mining Company of Arizona, known as the Dives lode, situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. Unsurveyed, and designated as Survey No. 1170, 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.

Geo. M. Robison
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. M. Robison
U. S. Deputy Mineral Surveyor, before me A Notary Public
this 15th
day of July, 1896.

Harry J. VanGorder
Notary Public

Affidavit of Five Hundred Dollars Improvements.



We Gordon M Lean and Fred Davison

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Dives lode mining claim, situated in Copper Mountain Mining district, Graham County, Arizona Territory, for which The Detroit Copper Mining Company of Arizona 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.

Gordon M Lean

Fred Davison

TERRITORY OF ARIZONA,
County of Graham } ss.

SWORN to and subscribed before me, this 15th day of July 1895

Harry Paul Gordon

Notary Public

LOCATION NOTICE .

NOTICE is hereby given: That the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10th., 1872, has this day located & claimed the following described ~~xxxxxxx~~ mineral bearing ground, situate in Copper Mountain Mining District, Graham County, Territory of Arizona, and more particularly described as follows, to wit:

Commencing at this stake, marked "D" Cor. No. 1, said corner being also the South-East corner of the Regulus Mine, a patented claim, & also the South-west corner of the Copper Mountain mine, a patented claim; thence running South 51° 22' west, a distance of 600' to a stake marked "D" N.W. Cor. No. 2, said corner being also the South-west corner of said Regulus mine thence S. 33° 45' E. along the ^{side} east line of the Hudson Mine a distance of 106' to a stake marked "D" S.W. Cor. No. 3, said corner being also the South-East Corner of said Hudson mine; thence N. 41° 22' E. along the north end line of the Chalkas mine a distance of 618' to place of beginning from which Cor. No. 1, the U.S. M.M. No. IV Cor. C.M.D. bears N. 11° 35' W., a distance of 454'.

This claim shall be known as the "DIVES" mine. LOCATED this 20th. day of April, A.D. 1886.
Witness

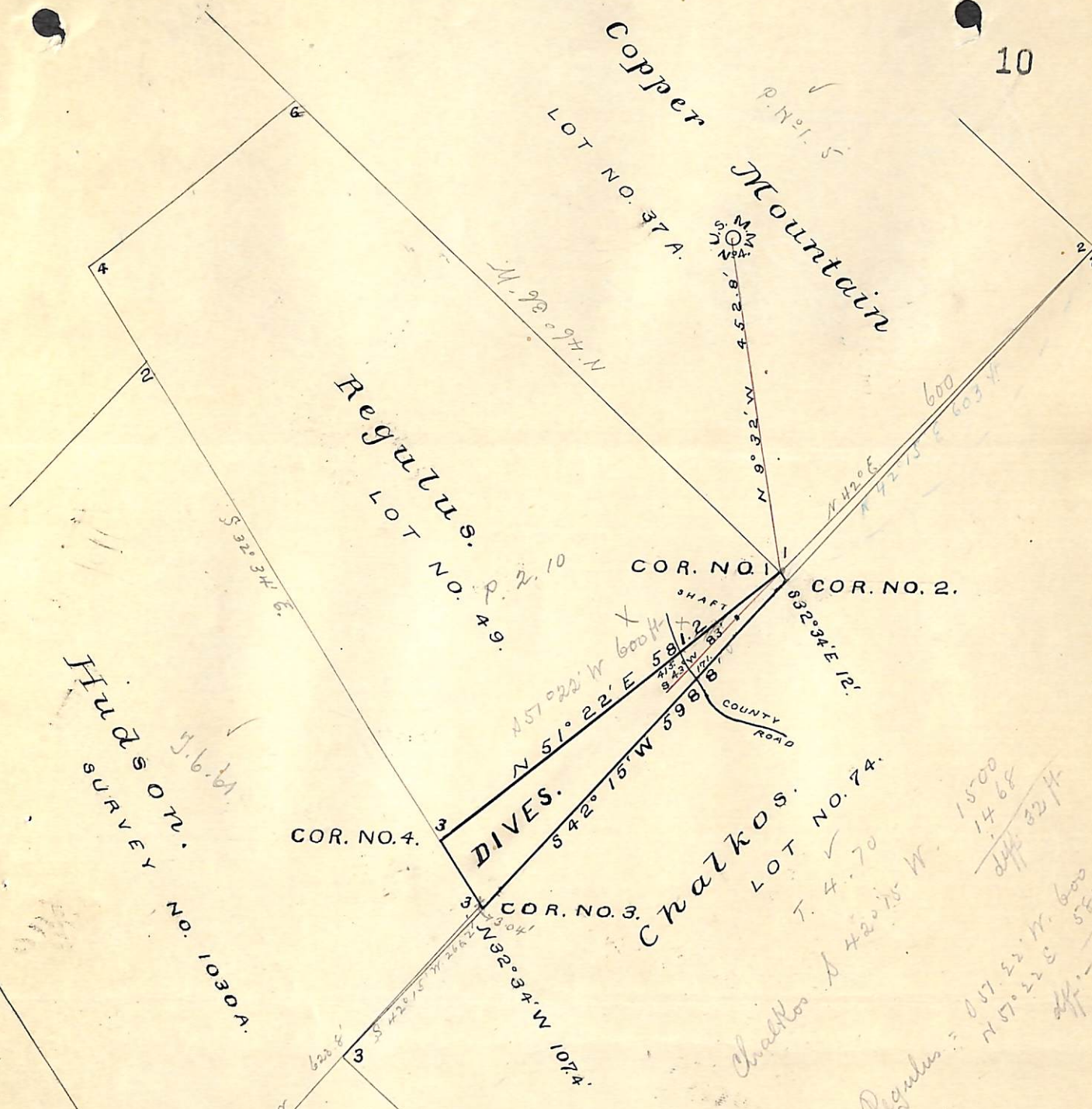
Horace D. Gast. Wm. CHURCH, Locator.
Recorded at 9 o'clock A.M., April 28th. 1886, at the request of Wm. Church. Geo. H. Stevens, Recorder, by Pedro Michelena, Deputy.

-----000-----
Territory of Arizona,
ss.
County of Graham.

I H. J. Dowdle, County Recorder of Graham County Territory of Arizona, do hereby certify that the above and foregoing Notice of Location of the "DIVES" ^{mine} is a full, true and correct ^{copy} of the Original, as the same appears of record in Book 4, folio 207, Records of Mines records of Graham County Territory of Arizona.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my Official seal at my office in Solomonville, this 9th. day of November, A.D. 1894.

County H. J. Dowdle
County Recorder, Graham County Arizona.



SURVEY NO 1170
GILA LAND DISTRICT.

Plat of the claim of
THE DETROIT COPPER MINING CO. OF ARIZONA.
 KNOWN AS THE

DIVES LODE,

IN COPPER MOUNTAIN MINING DISTRICT.
 GRAHAM CO. ARIZONA.

Containing an area of 0.792 Acres.

SCALE 200 FEET TO THE INCH.
 MEAN VARIATION 13° 20' E.

SURVEYED JULY 1-8 1895 BY

Geo M Robison.

U.S. DEP. MIN. SURVEYOR.

Handwritten notes:
 Chalkos = 42° 15' W
 Regulus = 0 57° 22' W, 600
 N 57° 22' E
 1500
 1468
 diff 824
 581.2
 1468
 1500

(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

September 23^d, 1895.

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 The Detroit Copper Mining Company of Arizona

_____ , known as the

Dives Lode

situate in Copper Mountain mining district,

Graham County, Arizona

in Section _____, Township No. _____, Range No. unsurveyed.

_____, designated as Survey No. 1170.

executed by Geo. M. Robison, U. S. Deputy Mineral

Surveyor, July 1st - 8th, 1895, under my instructions dated

April 5th, 1895, 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.

Levi H. Manning
U. S. Surveyor General for Arizona

o 6-162

Copy of
Divers Mine

COMMISSIONER OF THE LAND OFFICE

DIVISION OF LANDS

MINES AND QUARRIES

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