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(4-683.)

Mineral Survey No. 1172

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

Crescent Crown and Oregon Lodes
Copper Mountain Mining District,
Graham County, Arizona

Section _____, Township 48, Range (Unsurveyed) 29E

Surveyed under instructions dated April 6th, 1895-

by Geo. M. Robison

U. S. Deputy Mineral Surveyor.

Claim located	{	<u>Crescent</u> , Oct. 12 th 18 <u>94</u> .	
		<u>Crown</u> , Oct. 30 th 18 <u>94</u> .	
		<u>Nevada</u> , Feb. 4 th 18 <u>95</u> .	, 18
Survey commenced		<u>April 10th</u>	, 18 <u>95</u> .
Survey completed		<u>May 15th</u>	, 18 <u>95</u> .

o 6-160

Address of claimant

Louis L. Sweetney, agt.

Detroit Copper Mining Co. of Arizona

Marenci, A. T.

8020 b-3 m

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, Ricardo Rojas and _____,
do solemnly swear that ~~we~~ we will well and faithfully execute the duties of chain carrier\$;
that ~~we~~ we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that ~~we~~ we will report the true distance to all
notable objects, and the true length of all lines that ~~we~~ we 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
Crescent Crown, Nevada and Oregon Lodes
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 10th day of April, 1895.

Harvey 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 _____.

Tract Survey No 1172

Crescent Lode.

Beginning at Cor No 1

A pine post 3x3 inches by 4 1/2 feet set 2 feet in the ground and with a mound of stones, marked "1/1172 Crescent"

Also "V1 Thomson" it being also the N. W. Cor No 6 of the Thomson lode lot No 5-0.

Also the N. E. Cor. of the 1st West Extension Thomson lode location. From which

U. S. Mineral Monument No 4 Copper Mountain District bears N. 72° 31' E. 2705 feet.

A shaft and cut on the Crescent claim bears N 30° E 106 ft

Thence S. 5-8° 04' W.

Var. 14° E.

40. To the top of the ridge between Morenci and Gold gulch. Course N. W. and S. E.

636.8 To Cor. No. 2.

A pine post 3x5 inches by 4 1/2 feet set 2 feet in the ground and in a mound of stones. Marked "2/1172 Crescent"

Thence N. 11° 20' W.

Var. 13° 50' E

225.3 To Cor No 3.

Also Cor No 10 of the Lone Star lode Survey No 1030 A. and Cor No 11 of this Survey. Witness post set for the Lone Star lode is also marked W.C. 3 and W.C. 11 and bears from the true corner N. 30° W 104.5 feet.

4

Feet. This is because the true corner comes at the foot of a dump from workings on the Lone Star lode and at a place unsuitable for a permanent corner.

— Thence N. $62^{\circ}40'E$ —
— Var. $14^{\circ}E$ —

Along the S.E. side line of the Lone Star lode.

450. Top of Mountain ridge before noted Course N.W. and S.E.

819.4 To Cor No 4.

A pine post 3x5 inches by $4\frac{1}{2}$ ft. set 2 ft. in the ground and in a mound of stones marked $\frac{4}{1172}$ Crescent. Whence

Cor. No. 6 Survey No. 1030A. Eccentric lode bears $N84^{\circ}24'W$ 60 ft

— Thence S. $84^{\circ}24'E$. —
— Var. $14^{\circ}E$. —

744.7 To Cor. No. 5:

A pine post 3x5 inches by $4\frac{1}{2}$ ft. long set 2 ft. in the ground and in a mound of stones marked $\frac{5}{1172}$ Crescent. Whence

McMullins peak bears S. $87^{\circ}30'E$

— Thence S. $11^{\circ}20'E$ —
— Var. $14^{\circ}55'E$. —

10. To Cor No 6.

A pine post 3x5 inches by $4\frac{1}{2}$ ft long. set 2 ft. in the ground and in a mound of stones marked $\frac{6}{1172}$ Crescent. Whence

The S. W. Cor. of the Moroni post office building bears $N78^{\circ}10'E$

The "Manganese Blue" Shaft bears $N. 5-8^{\circ} 13' E$

The Arizona Central Main Shaft

Feet. Fears N. $28^{\circ} 34' E$

— Thence S. $78^{\circ} 40' W$ —

— Var. $14^{\circ} 55' E$. —

904. To Cor. No. 1 the place of beginning
The Survey of the Crescent
Lode is identical with its
location.

— Crown Lode. —

Beginning at Cor. No. 7.

Same as Cor. No. 2 of this Survey
marked $\frac{7}{1172}$ Crown.

— Thence S. $58^{\circ} 04' W$ —

— Var. $13^{\circ} 50' E$ —

239.1 To top of a quartz and iron
ledge 10 ft high.

825. Cross a dry gulch Course N.W.

863.2 To location corner of the 1st
W. Extension of the Thomson lode

1426.2 To Cor. No. 8

A pine post 3x5 inches
by $4\frac{1}{2}$ feet long set 2 feet in the
ground and in a mound of
stones, marked $\frac{8}{1172}$ Crown.

This corner is about 500 ft.
due west of the large open cut
known in this section as
"The old iron mine" and is
about 125 ft East of the Gold
gulch road.

— Thence N $30^{\circ} W$. —

— Var. $13^{\circ} 10' E$. —

600. To Cor. No. 9

A pine post 3x5 inches by
 $4\frac{1}{2}$ ft. long set 2 ft in the
ground and in a mound
of stones marked $\frac{9}{1172}$ Crown

Fect. — Thence $N 58^{\circ} 04' E$ —
— Var. $12^{\circ} E$. —

200. Cross a dry gulch Course West.
1286.5 To Cor No 13 of this survey.
1500. To Cor No 10

A pine post 3x5 inches by $4\frac{1}{2}$ ft set 2 ft in the ground and in a mound of stones marked $\frac{10}{1172}$ Crown. This corner is on the End line 10-11 of the Lone Star lode and is also Cor No. 12 of this survey.

— Thence $S. 30^{\circ} E$. —
— Var. $14^{\circ} E$. —

279.6 To Witness post for Cor 10 Sur. No 1030A. also Cor. 3 and 11 this survey.
384.1 To Cor No 11

Same as Cor No. 3 this survey and Cor No 10 of Survey No 1030 A.

— Thence $S 11^{\circ} 20' E$. —
— Var. $14^{\circ} E$ —

225.3 To Cor No 7 the place of beginning.

The corners of this survey of the crown lode are identical with those of the location.

— Nevada Lode. —

Beginning at Cor No 12
Same as Cor No. 10 this survey

— Thence $S. 58^{\circ} 04' W$. —
— Var. $14^{\circ} E$. —

213.5 To Cor No. 13

A pine post 3x5 inches by $4\frac{1}{2}$ ft. long set 2 ft in the ground and in a mound of stones marked $\frac{13}{1172}$ Nevada.

Feet. — Thence N 62° W. —

— Var. 14° E —

585. Cross a dry gulch, Course S. ~~W.~~
593.6 To Cor No. 14.

A pine post 3x5 inches by 4 1/2 ft. set 2 ft in the ground and in a mound of stones marked ¹⁴/₁₁₇₂ Nevada.

— Thence N 47° 19' E —

— Var. 13° 45' E —

1155.9 To Cor No. 15

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ¹⁵/₁₁₇₂ Nevada. Whence

McMullins peak bears S. 86° 8' E

Thomson peak bears S. 29° 40' E

A nail driven into a crevice of a rock about 11 x 4 x 3 ft bears N 57° 20' E.

A shaft 25 ft deep bears South 30 ft. This corner is on the top of the ridge between Moroni and Gold Gulch and about 170 ft South of the Gold Gulch trail.

— Thence N 5° 56' E. —

— Var. 13° 45' E. —

170. To Gold gulch trail Course E. & W.
344.2 To Cor No. 16.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ¹⁶/₁₁₇₂ Nevada

— Thence S. 62° E. —

— Var. 13° 45' E —

50. Top of ridge before mentioned
Course N. & S.

310. To Gold gulch trail Course E. & W.

feet
527.4
647.4

Cross a dry gulch Course S. E.
To Cor No. 17.

A pine post 3x5 inches by
4½ ft long set 2 ft in the ground
and in a mound of stones
Marked 17/1172 Nevada

— Thence S. 5° 56' W. —
— Var. 14° 15' E. —

150.
327.6

To a dry gulch Course S. E.
To Cor. No. 18

A pine post 3x5 inches by 4½
ft long set 2 ft in the ground
and in a mound of stones
marked 18/1172 Nevada. This Cor.
is also No 14 of Survey No 1030 A.
Butter lode.

— Thence S. 47° 19' W. —
— Var. 14° 30' E. —

161.7 To Cor No 19

A pine post 3x5 inches by 4½
ft long set 2 ft in the ground
and in a mound of stones
marked 19/1172 Nevada. This Cor.
is on the North side line of
the Lone Star lode.

— Thence S. 62° 40' W. —
— Var. 14° 30' E. —

5-10.
796.2

To the top of the mountain
ridge before noted. Course N. & S.
To Cor. No. 20.

A pine post 3x5 inches by 4½
ft long set 2 ft deep and in a
mound of stones Marked 20/1172 Nevada
This is also Cor No 11 of the
Lone Star lode. Whence

A mountain peak bears S. 48° W
and another peak bears N 17° 10' E
Their names if any are unknown.

Feet

Thence S. 30° E.

Var. 14° E.

Along the West end line of the Lone Star lode.

213.9

To Cor No 12. the place of beginning.

The corners of this survey of the Nevada lode are identical with those of the location.

Oregon lode.

Beginning at Cor. No 21.

Identical with Cor No 1 of the location.

Same as Cor No 17 of this survey. Marked $\frac{21}{1172}$ Oregon.

Thence N. 62° W.

Var. $14^{\circ} 15'$ E.

120.

Is a dry gulch course S. E

337.4

To Gold Gulch trail. Course E. + W.

597.4

Top of Mountain ridge before noted. Course N. + S.

647.4

To Cor No 22.

Same as Cor No 16 of this survey and identical with Cor No 2 of the location.

Marked $\frac{22}{1172}$ Oregon.

Thence N $5^{\circ} 56'$ E

Var. $13^{\circ} 45'$ E.

784.6

To Cor No 23.

Identical with Cor No 3 of the location.

A pine post 3x5 inches by $4\frac{1}{2}$ ft long set 2 ft. in the ground and in a mound of stones marked $\frac{23}{1172}$ Oregon.

This corner is on the South end line of the Hoodoo lode Survey No 1030 A.

Feet — Thence S. $71^{\circ} E$. —
 — Var. $13^{\circ} 45' E$. —
 90. To Coronado trail Course N.W. + S.E.
 175. To top of mountain ridge before
 noted. Course N. + S.
 293. To Cor No 24.
 Also Cor No 22 of Survey
 No 1030A.
 A pine post 3x5 inches by $4\frac{1}{2}$ ft.
 long set 2 ft in the ground and in
 a mound of stones marked $\frac{24}{1172}$ Oregon
 Whence a 10 ft prospect shaft
 bears S. $65^{\circ} E$ 8. ft.

— Thence N $19^{\circ} 40' E$
 — Va. $13^{\circ} 30' E$ —
 270. Along the East side of the Hoodoo lode
 To top of mountain ridge
 Course E.W.
 663.4 To Cor No 25
 A pine post 3x5 inches by $4\frac{1}{2}$
 ft long set 2 ft in the ground
 and in a mound of stones
 marked $\frac{25}{1172}$ Oregon. Whence
 Location Cor. No 4 bears N $62^{\circ} W$
 298.2 ft.

— Thence S $62^{\circ} E$. —
 — Var. $14^{\circ} E$. —
 120.4 To Cor No 26
 A pine post 3x5 inches by $4\frac{1}{2}$ ft
 long set 2 ft in the ground and in
 a mound of stones marked
 $\frac{26}{1172}$ Oregon Whence
 Location Cor No 5 bears
 S. $62^{\circ} E$ 187.8 ft.
 Cor 26 is on the West side line
 of the London lode Survey No. 1030A.

— Thence S. $13^{\circ} 15' E$ —
 — Var. $14^{\circ} E$. —
 Along the West side line of the London lode

Feet:
260.
341.9

To top of Mountain ridge Course E. & W.
To Cor No 27

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ²⁷/₁₁₇₂ Oregon Whence Cor No 18 of Survey No 1030A London lode bears S. 13° 13' E 128.5 ft

Thence S. 19° 40' W.
Var. 13° 30' E.

114.7

To Cor No. 28.

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ²⁸/₁₁₇₂ Oregon This corner is on the North End line of the Butler lode.

Thence N. 84° 45' W
Var. 13° 30' E.

41.6

To Cor No 29

A pine post 3x5 inches by 4 1/2 ft long set 2 ft in the ground and in a mound of stones marked ²⁹/₁₁₇₂ Oregon. This is also Cor. No 15 of the Butler Lode.

Thence S. 5° 56' W.
Var. 13° 30' E.

Along the West side line of the Butler lode

170.

To location Cor No 6.

210.

To the Coronado trail Course E. & W.

990.

To the Gold Gulch trail Course E. & W.

1125.4

To Cor No. 21 the place of beginning

The Survey of the Oregon lode is entirely within the lines of the original location.

The 1st W. Extension of the Thomson lode is owned by the Arizona Copper Co. All other adjoining claims are

owned by the Detroit Copper Mining Company.

Area

The total and net area of the Crescent lode is 5.532 Acres

Crown	"	20.471	"
Nevada	"	18.600	"
Oregon	"	15.372	"
Total		59.975	"

There are no conflicts or exclusions.

Location.

This claim is located on unsurveyed lands of the United States in Copper Mountain Mining District Graham Co. Arizona.

Expenditure of Five hundred dollars.

I certify that the value of the labor and improvements upon this claim placed thereon by the applicant and its grantors is not less than five hundred dollars. And that said improvements consist of

A Shaft 5x7 ft 27 ft deep in rock which bears from Cor No 1 N 30° E 106. Feet. (Crescent)
Value \$270.00

An open Cut around the above shaft 14x30x18 feet in rock crescent and earth. (Crescent)
Value \$200.00

30 feet of drift from the bottom of above shaft run to the S. W. in rocky (Crescent)
Value \$250.00

A Shaft 4½x7x37 ft in rock which

bears from Cor No 7.

S 67° W 235 ft (crown)
Value \$370⁰⁰

A shaft 4x7x10 ft in rock
bears from Cor No 7 (crown)
N 52° W 335 ft
Value \$100⁰⁰

An open cut 10 ft in dia. 8 ft
deep in rock and earth bears
from Cor No 7 N 52° W 100 ft (crown)
Value \$50⁰⁰

An open cut 10 ft dia 10 ft
deep in rock bears from Cor No
7 N 30° W 150 ft (crown)
Value \$75⁰⁰

An open cut 6 ft dia 4 ft deep
bears from Cor No 11 N 40° W 85 ft (crown)
Value nominal.

A shaft 4x7 ft 10 ft deep in rock
and earth bears from Cor No 18
N 63° W 320 ft (Nevada)
Value \$75⁰⁰

A shaft 5x7x25 ft deep in rock
bears from Cor No 15 South 30 ft (Nevada)
Value \$250⁰⁰

A cut in rock 10x10x10 ft bears
from Cor No 21 N 1° 30' W 303 ft (Oregon)
Value \$150⁰⁰

A cut in rock 10x18x5 ft bears
from Cor No 11 N 14° 30' W 280 ft (Oregon)
Value \$150⁰⁰

A shaft 10 ft deep 4½x7 ft
in rock bears from Cor No (Oregon)
24. S. 65° E. 8 ft
Value \$100⁰⁰

Other improvements - none.

Instrument used:

A Gurley mountain solar transit
was used in making this survey.

250
75
325 only Nevada

100
150
150
400 only Oregon

12
11

The courses were deflected from the true meridian as determined by solar observations, Distances were measured with a 100 ft and 200 ft steel tape.

Note: On account of the nature of the ground local bearings that would serve to identify the corners are very scarce. Bearings are given to objects where they exist if in my judgement they would serve to better identify the claim. All corners are substantially set and marked both on this and adjoining claims. The posts being all painted white with numbers cut on and painted black.

Address of Applicant

The Detroit Copper Mining Co.
Louis L. Sweeney Mornci
Agent. Arizona

Geo. M. Robison
U. S. Dep. Min. Surveyor
Mornci Ariz.
July 13th 1895

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 Crescent, Crown, Nevada and Oregon Lodes,
 and showing the respective capacities in which they acted.

Ricardo Rojas, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

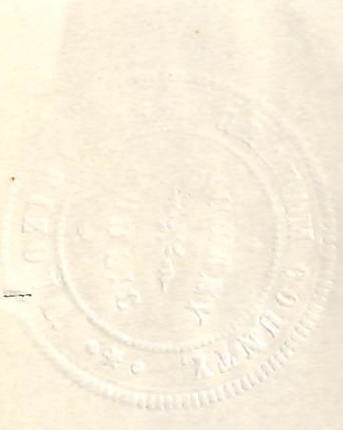
FINAL OATHS OF ASSISTANTS.

We, I. Ricardo Rojas
 and _____, do solemnly swear that we 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 Crescent, Crown, Nevada and Oregon Lodes, 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.

Ricardo Rojas, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 15th day of July, 1895.

Harriet W. Henderson
 Notary Public



(4-686.)

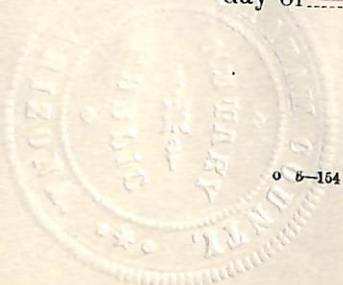
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, George 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 6th, 1895, 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 Crescent Crown Nevada and Oregon Lodes, situate in Copper Mountain Mining District, Graham County, Arizona, in Section _____, Township No. _____, Range No. Unsurveyed, and designated as Survey No. 1172, 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.

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

Subscribed and sworn to by the said George M. Robison
U. S. Deputy Mineral Surveyor, before me a Notary Public
this 15th
day of July, 1895.

Harry J. Van Gorder
Notary Public



o 6-164

Affidavit of Five Hundred Dollars Improvements.

We Alexander J. McLean and Gordon McLean

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

with the Crescent, Crow, Nevada and Oregon 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.

Alexander J. McLean

Gordon McLean

TERRITORY OF ARIZONA,

County of Graham } ss.

SWORN to and subscribed before me, this

10th day of June 1895

Harvey Paul Gordon
Notary Public



NOTICE of LOCATION

Territory of Arizona,
County of Graham. ss

that *William Church*,

KNOW ALL MEN by these PRESENTS

The undersigned citizen of the United States, has this the 12th. day of October 1894, claimed by right of discovery and location, and does hereby claim by virtue of such right, Fifteen hundred feet, linear and horizontal measurement in length, and total maximum width of 230 feet on this lode, vein, ledge or deposit, along the course of the same, with its spurs, dips and angles, together with the amount of surface herein described. The said lode, vein, ledge or deposit, hereby located and claimed as aforesaid, is situated in Copper Mountain Mining District, Graham County, Territory of Arizona, and is bounded and described as follows, to wit:

Commencing at the North-West Cor. of the Thomson Mine (patented), where a copy of this notice is posted, and running Thence along the North side of the Thomson mine N. 78° 40' E., 904 ft. to Cor. No. 2, ; thence N. 11° 20' W. 10 ft. to Cor No. 3, on the South boundary of the Eccentric Lode, Survey No. 1030 A. ; Thence N. 84° 24' W., 744.7 ft. to cor No. 4 at the intersection of the South side line of the Lone Star Lode, Survey No. 1030 A. Thence S. 62° 40' W., 819.4 ft. to Cor. No. 10, Survey No. 1030 A. Lone Star, and Cor. No. 5 of this Claim: Thence S. 11° 20' E., 2253 ft. to Cor. No. 6 at intersection with the North side line of the 1st. West Extension Thomson mine: Thence N. 58° 04' E. along said side line 636.8 ft. to Cor No. 1, the place of beginning. ---All courses given from true meridian.

The name of said Vein, Ledge or Deposit so located is the CRESCENT MINING claim or lode.
LOCATED OCTOBER 12th. 1894.

WILLIAM CHURCH, Locator.

Witness, G. M. Robison

Recorded on the 5th. day of November, 1894 at 2 o' clock P.M. at the request of L. L. Sweeny in Book 8, Records of Mines on folio 314, Records of Graham County.
H. J. Dowdle, County Recorder.

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 is a full, true and correct copy of the Location Notice of the "Crescent Mine" as the same appears of record in Book 8, folio 314, Records of Mines records of Graham County.

IN WITNESS WHEREOF I have hereunto set my hand and seal this 8th. day of November A, D. 1894,

H. J. Dowdle
County Recorder
Graham County Arizona

N O T I C E of L O C A T I O N

Territory of Arizona,

SS.

County of Graham.

Know all men by these presents: That William Church the undersigned citizen of the United States, has this the 30th. day of October, 1894, claimed by right of discovery and location, and does hereby claim by virtue of such right, Fifteen hundred feet, linear and horizontal measurement in length and 300 feet in width on each side of the middle of the vein as herein described and with all its spurs, dips and angles, together with the amount of surface allowed by law. The said Lode, vein, ledge or deposit, hereby located and claimed, as aforesaid, is situated in Copper Mountain Mining District, Graham County, Territory of Arizona, and is bounded and described as follows, to wit: -

Beginning at the South-West corner No. 10 of the Lone Star lode, U. S. Mineral Survey No. 1030 A., Running thence S. $11^{\circ}20'$ E., 225.3 feet to the North side line of the 1st. West Extension ^{Thomson} claim; thence S. $58^{\circ}04'$ W. 1426.2 feet to Cor. No. 3 of this claim; thence N. 30° W. 600 feet to cor. No. 4 of this claim; thence N. $58^{\circ}04'$ E. 1500 feet to Cor. No. 5. of this claim; thence S. 30° E. 384.1 feet to Cor. No. 1, the place of beginning.

The name of said Vein, Ledge or Deposit so located is the "CROWN" Mining claim or lode. Located October 30th. 1894. WILLIAM CHURCH, Locator. Witness, G. M. Robison.

Recorded November 5th. A. D. 1894 at 2 o'clock P. M. at the request of L. L. Sweeny. H. J. Dowdle County Recorder.

-----00000-----

Territory of Arizona,

SS.

County of Graham.

I, H. J. Dowdle, County Recorder Graham County, Territory of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy of the "LOCATION NOTICE" of the "CROWN" mine, as the same appears of record in Book 8, folio 313, Records of Mines, Records of Graham County.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal this 8th. day of November A. D. 1894.

H. J. Dowdle

 County Recorder, Graham County Arizona.

Copy
Present Mine

Notice of Location

Territory of Arizona }
 County of Graham } ss

Know all men by these presents that William Church the undersigned citizen of the United States has this the 4th of February 1895 claimed by right of discovery and location and does hereby claim by virtue of such right 1500 feet linear and horizontal measurement in length and 300 feet in width on each side of the middle of the vein as herein described and with all its spurs dips and angles together with the amount of surface allowed by law. The said lode vein ledge or deposit hereby located and claimed as aforesaid is situated in Copper Mountain Mining District Graham County Territory of Arizona and is bounded and described as follows to wit: Beginning at Cor No 1 which is also Cor No 14 of Osmercy No 1030 A Butter Lode Running Thence $S 47^{\circ} 19' W$. 161.7 feet to the N. W. side line of the Lone Star lode Cor. No. 2 Thence $S. 62^{\circ} 40' W$ 796.2 feet to Cor. No. 3 also Cor. No. 11 of Lone Star lode Thence $S. 30^{\circ} E$ 215.9 feet to Cor. No 4 Also Cor. No 5 crown Lode

Thence S. $58^{\circ}04'W$. 213.5 ft. to Cor. No 5 Thence N
 $62^{\circ}W$ 593.6 feet to cor No 6. Thence N $47^{\circ}19'6''E$ 1155.9 feet
 to Cor. No. 7 Thence N $5^{\circ}56'6''E$ 344.2 feet ^{to cor.} No. 8 also
 Cor. No 2 of the Oregon Lode Thence S $62^{\circ}E$
 647.4 feet to cor No. 9 Thence S. $5^{\circ}56'W$ 327.6
 feet to the place of beginning

All courses given from the true meridian
 The name of said vein lode or deposit ^{so located} is the
 "Nevada" Mining Claim or lode

Located Feb. 4th 1895

Witness

William Church

Geo. M. Robison

Locator

Recorded at the request of L. L. Dweeney

March 2nd 1895 at 1:30 o'clock P.M.

M. Leon Recorder

Territory of Arizona }
 County of Graham } ss.

J. Manuel Leon County

Recorder of Graham County do hereby cer-
 tify that I have compared the fore-
 going copy of Location Notice with
 the original recorded in Book No 8
 page 401 Records of Mines of Graham Cond
 that it is a true and correct copy there-
 from and of the whole of such
 Original

In witness whereof I have
 hereunto set my hand and affixed
 my official seal this the 6th day
 of March A.D. 1895

Manuel Leon
 Recorder of Graham County Ariz.

Notice of Location

Territory of Arizona }
 County of Graham } ss

Know all men by these presents that William Church the undersigned citizen of the United States has this 4th day of February 1895 claimed by right of discovery and location and does hereby claim by virtue of such right Fifteen hundred feet linear and horizontal measurement in length and three hundred feet in width on each side of the middle of the vein as herein described and with all its spurs dips and angles together with the amount of surface allowed by law. The said lode vein ledge or deposit hereby located and claimed as aforesaid is situated in Copper Mountain Mining District Graham County Territory of Arizona and is bounded and described as follows to wit: Beginning at Cor. No 1. which is also Cor. No 9. of the Nevada lode and running thence N. 62° W 647.4 feet to Cor No 2 Thence N 5° 56' E 784.6 feet to Cor. No 3. Thence N 19° 40' E 710 feet to Cor No 4 Thence S 62° E 606.4 feet to Cor No 5. Thence S 19° 40' W 550 ft to Cor No 6. Thence S. 5° 56' W 955.4 feet to Cor No 1 the place of beginning This claim adjoins the Butler Lode Survey No 1030 A. on the west side and Cor No 1. is N 5° 56' E. 327.6 feet

Certified Copy

of the
Location Notice
of the
Nevada Mining Claim



from Cor No 114 Sur. N^o 1030A The name of
the claim so located is the Oregon
Mining Claim or Lode

Located February 4th 1895

Witness William Church
Geo. M. Robison Locator

Recorded at the request
of I. I. Sweeney March 2nd 1895 at 1:30 o'clock
P.M.

M. Leon

Recorder

Territory of Arizona }
County of Graham } ss

I, Manuel Leon Recorder

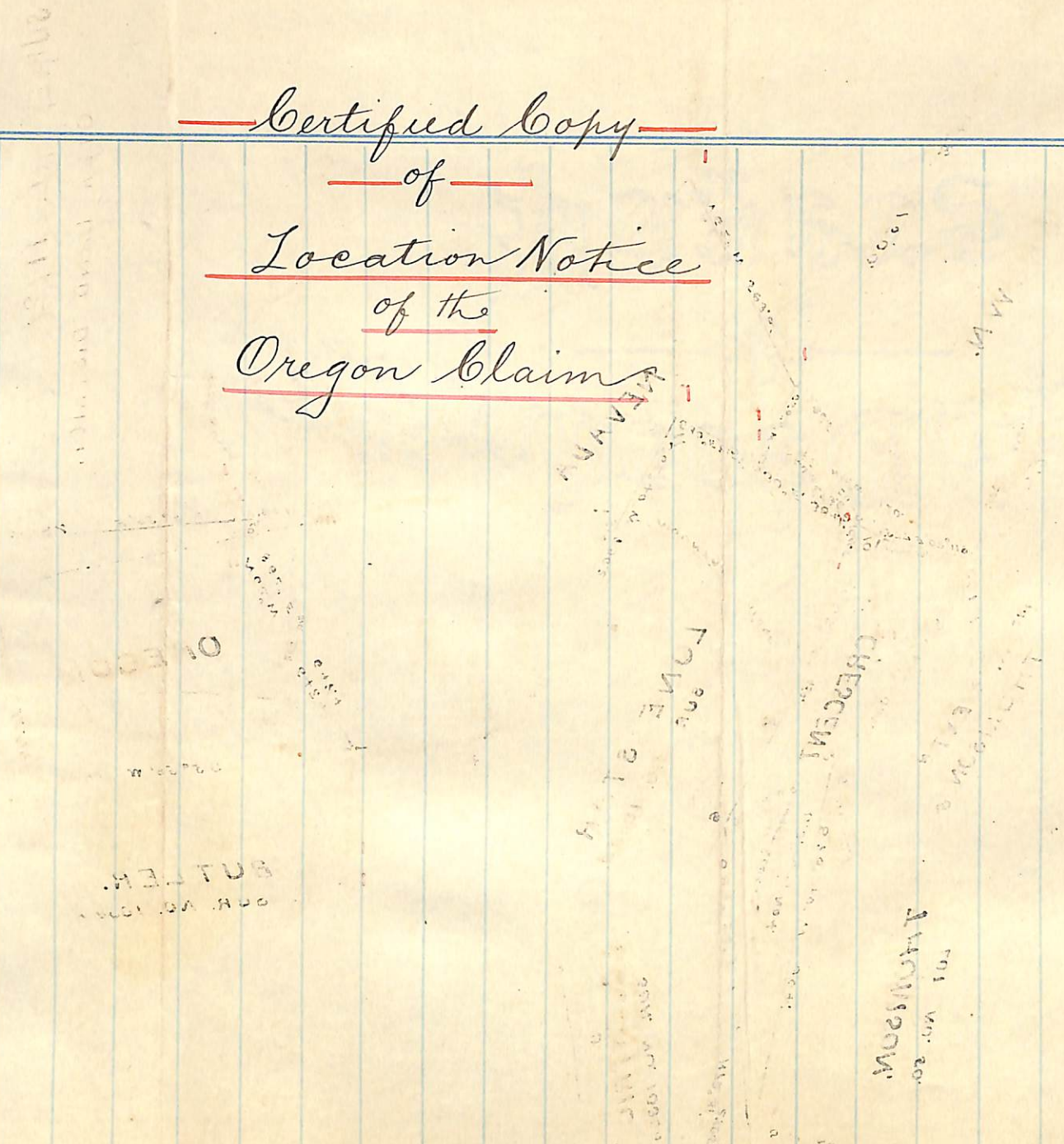
of Graham County, Arizona Territory do here-
by certify that I have compared the fore-
going copy of Location Notice with
the Original recorded in Book No. 8
page 402 Record of Mines and that
it is a full true and correct copy
therefrom and of the whole of such
Original.

In witness whereof I
have herunto set my hand and
affixed my official seal this the
6th day of March A.D. 1895

Manuel Leon
Recorder of Graham County Ariz

20 OK

Certified Copy
of
Location Notice
of the
Oregon Claims



THIS IS A CERTIFIED COPY OF THE LOCATION NOTICE OF THE OREGON CLAIMS AS SHOWN ON THE MAP ATTACHED HERETO.

MUCHMAN
MAY 20 1901

BUTLER
MAY 20 1901

(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 23rd, 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 *Crescent Crown, Nevada & Oregon*

situate in *Copper Mountain* mining district, *Graham* County, *Arizona*

in Section _____, Township No. _____, Range No. _____, designated as Survey No. *1172*

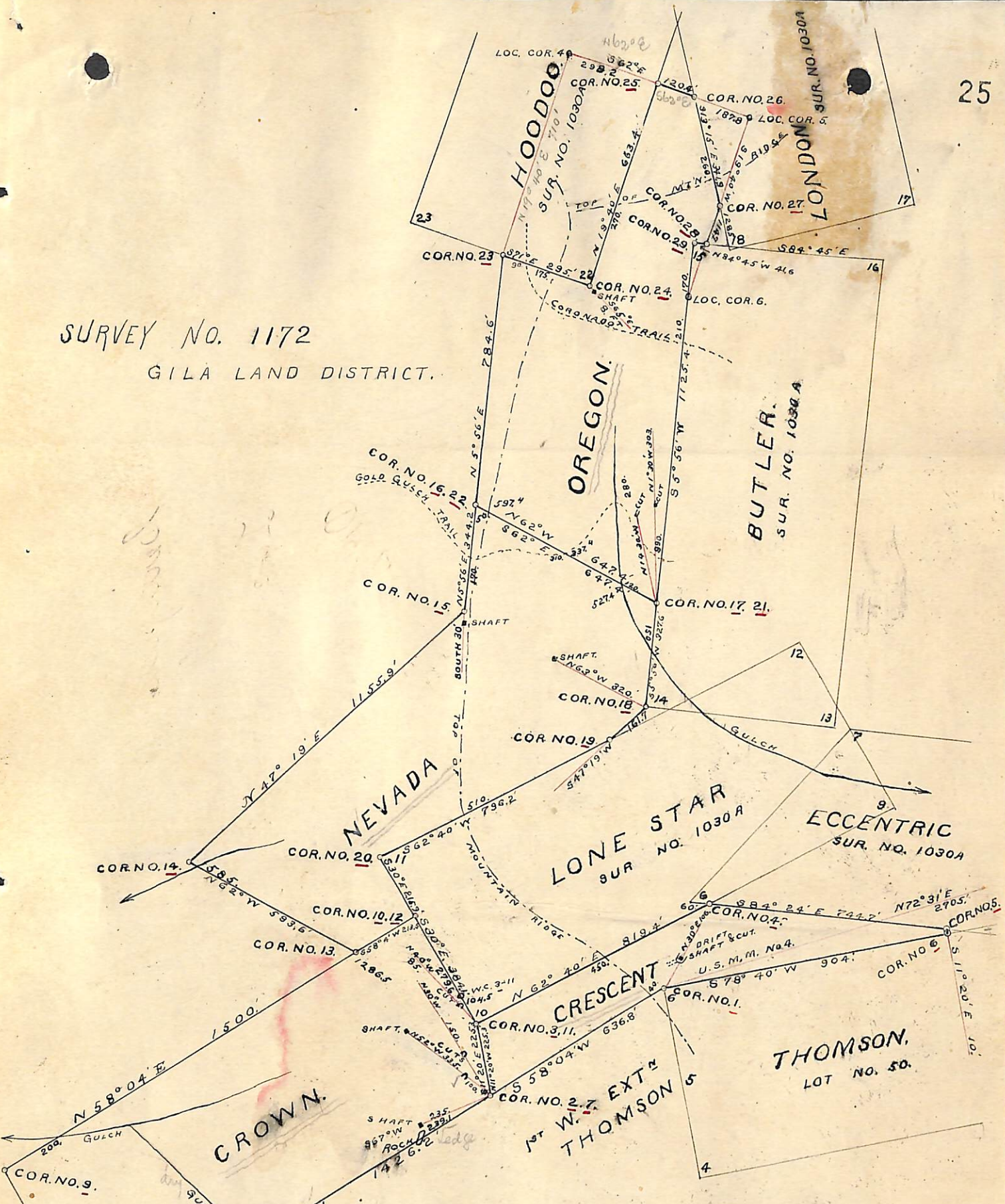
executed by *Geo. M. Robinson*, U. S. Deputy Mineral Surveyor, *April 10 - May 15th, 1895*, under my instructions dated *April 6th*, 1895, have been critically examined and the

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.

Geo. H. Manning
U. S. Surveyor General for *Arizona*

06-112

SURVEY NO. 1172
GILA LAND DISTRICT.



Plat of the claim of
 THE DETROIT COPPER MINING CO. OF ARIZONA
 known as the
 Crescent, Crown, Nevada & Oregon Lodes
 IN COPPER MOUNTAIN MINING DISTRICT,
 GRAHAM CO. ARIZONA.

Containing an Area of 59.975 Acres,
 Scale of 400 Feet to the inch.

Mean Variation 13° 45' E.
 Surveyed April 10th - May 15th 1895. By
 Geo. M. Robison

U. S. DEP. MIN. SURVEYOR.