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(4-683.)

Mineral Survey No. 3483

Lot No. \_\_\_\_\_

Arizona

Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Magma Chief Copper Company

KNOWN AS THE

Gerald Cansler Lode

Pioneer

Mining District,

Pinal

County,

Arizona

Section 26 (W.1/2), Township 1 S., Range 12 E. Unsurveyed  
Crook National Forest. G. & S.R.B. & M.

Surveyed under instructions dated February 12, 1918

by *William C. Goetz*  
U. S. Deputy Mineral Surveyor.

Claim located See location notice., 1

Survey commenced April 14, 1918., 1

Survey completed April 14, 1918., 1

o 6-100

Address of attorney:-

John H. Page & Company,  
Box 117, Phoenix, Arizona.

Feet. MINERAL SURVEY NUMBER 3483.

Gerald Cansler Lode.

Beginning at Cor. No. 1, identical with the S.W. Cor. of the amended location; a pinepost 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed GC1-3483, whence Cor. No. 4 of the Superior Townsite bears S. 27° 38' 57" E. 6471.41 ft. dist.

Thence N. 27° 57' W.

on line 1-2, slightly descending

- 125. big ravine, runs S.W; ascend
- 201. top of small ridge, descend
- 460. ravine, runs S.W; ascend steeply
- 610. ridge, ascend less steeply
- 1245. small ravine runs S.W; ascend steeply
- 1500. Cor. No. 2, identical with the N.W. Cor. of the amended

location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed GC2-3483.

Thence N. 47° 47' E.

on line 2-3, ascending

- 306.42 N.E.C. identical with the N.E.C. of the amended location: a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high,
- 335. small ravine last mentioned runs S.W.
- 450. top of ascent, thence about level

- 612.84 Cor. No. 3, identical with the N.E. Cor. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed GC3-3483.

Thence S. 27° 57' E.

on line 3-4, descending

- 840. ravine runs S.W; ascend
- 910. ridge, descend
- 1180. big ravine runs S.W; ascend.
- 1380. ridge, slight descent
- 1500. Cor. No. 4, identical with the S.E. Cor. of the amended

Feet location; a pinepost 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed GC4-3483; whence Cor. No. 4 Long Wedge lode, Survey No. 3482, bears N.  $73^{\circ}58'56''$ E. 1781.40 ft. dist; and Cor. No. 3, Big Copper Queen lode, Survey No. 3360, bears N.  $60^{\circ}11'$ E. 377.2 ft. dist.

Thence S.  $47^{\circ}47'$ W.

on line 4-1, descending slightly

190. ravine runs S.W; descend along right bank of ravine

306.42 S.E.C. identical with the S.E.C. of the amended location; a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high.

365. leave ravine, ascending

385. top of ravine bank, descend slightly

612.84 Cor. No. 1 the place of beginning.

#### LODE LINES.

As near as can be ascertained from surface indications and present development, the vein of this lode extends from its discovery point N.  $27^{\circ}57'$ W. 750 ft. and S.  $27^{\circ}57'$ E. 750 ft.

#### AREA.

Total area Gerald Gansler lode ----- 20.452 Acres

#### LOCATION.

This survey is located approximately in the W.  $1/2$  of Sec. 26, T.1 S.R.12 E. (unsur.), G. & S.R.B. & M: Pioneer Mining District, Crook National Forest, Pinal County, Arizona.

#### ADJOINING CLAIMS.

This survey is adjoined on the north by unsurveyed claims names thereof unknown, and owned by the Sam Thorpe Mining Company; on the E. by unsurveyed claims, names unknown, owned by Quinn Crowley; on the S. by unsurveyed claims, names unknown, owned by the Sam Thorpe Mining Company; and on the W. by the Roland lode, unsurveyed, owned by S. P. Pomeroy.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I hereby certify that the value of the labor and improvements made upon, and for the benefit of the location embraced in this mining claim, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of as follows:

From the S.E.C.

No. 1, the discovery cut, 4 ft. wide, 10 ft. face, by 7 ft. long, bears N.27°57'W. 750. ft. dist. Value--- \$35.00

From Cor. No. 1

No. 2, an open cut, 4 ft. wide, 6 ft. face, by 10 ft. long bears N.15°34'W. 705.5 ft. dist. Value ----- \$30.00

No. 3, an open cut, 4 ft. wide, 6 ft. face, by 10 ft. long bears N.14°48'W. 719.1 ft. dist. Value ----- \$30.00

No. 4, the mouth of a tunnel bears N.13°20'W. 781. ft. dist. The tunnel, 4 x 6 ft. bears W. from its mouth 30 ft. Value ----- \$300.00

No. 5, a shaft, 4 x 8 ft. 8 ft. deep, bears N.16°13'W. 880.7 ft. dist. Value ----- \$100.00

No. 6, an open cut, 4 ft. wide, 6 ft. face, by 8 ft. long bears N.14°39'W. 925.7 ft. dist. Value ----- \$25.00

No. 7, an open cut, 5 ft. wide, 5 ft. face, by 10 ft. long bears N.14°14'W. 944.2 ft. dist. Value ----- \$30.00

From Cor. No. 4.

No. 8, a shaft, 4 x 6 ft. 14 ft. deep, bears N.32°33'W. 284.2 ft. dist. Value ----- \$140.00

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Total value ----- \$690.00  
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OTHER IMPROVEMENTS.

Improvement No. 8 is full of water and is used as a well. It is covered by a corrugated iron house 10 x 16 ft. in which is a Rumsey pump and a 6 hp. gas engine.

Value ----- \$450.00  
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INSTRUMENT.

This survey was executed with a "Lietz Light Mountain

Transit" graduated to minutes, and all courses were determined and deflected from a true meridian as determined by direct Polaris observation. The distances were measured with a 300 ft. steel tape together with brass plummets.

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REPORT.

Cor. No. 4 of the Superior Townsite, to which this survey is tied, is a one inch iron pipe one foot above ground with a bronze cap marked ST. COR.4

Cor. No. 4, Long Wedge lode, Survey No. 3482, to which this survey is also tied, is a pine post 4 ins. square by 4 ft. long, set in a mound of stones 3 ft. base by 2.5 ft. high, and scribed LW4-3482.

Cor. No. 3 of the Big Copper Queen lode, Survey No. 3360, to which this survey is also tied, is a 3/4 inch iron pipe 1 ft. above ground, with an oblong bronze cap marked 3-BCQ-3360.

All corners on the boundary of this survey are identical with coinciding corners of adjoining unsurveyed lodes, where boundaries of these lodes are shown on the map herewith. Where, according to the map, mention of other corners of adjoining lodes is omitted, the same was done because no such corners were found during a dilligent search.

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VARIATION.

The variation at all corners was  $13^{\circ} 40' E.$

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*William C. Goetz*  
U. S. Mineral Surveyor,

Tucson, Arizona, July 10, 1918.

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# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by William C. Goetz  
 United States 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 Magma Chief Copper Company  
 known as the Gerald Cansler Lode  
 and showing the respective capacities in which they acted.

Arthur Pogue, Chainman.  
James S. Mills, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, Arthur Pogue and James S. Mills  
 and \_\_\_\_\_, do solemnly swear that we assisted William  
C. Goetz, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of The Magma Chief Copper Company  
 known as the Gerald Cansler Lode  
 represented in the foregoing field notes as having been surveyed by said 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 instruc-  
 tions furnished by the United States Surveyor-General for Arizona.

Arthur Pogue, Chainman.  
James S. Mills, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 10<sup>th</sup>

day of July, 1918

My Commission Expires  
Sept 20th - 1919,

Butler P. Smith  
Notary Public

# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William C. Goetz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 12, 1918, 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 Magna Chief Copper Company, known as the Gerald Gansler Lode, situate in Pioneer Mining District, Pinal County, Arizona, in Section 26, (W. 1/2), Township No. 1 S., Range No. 12 E. Unsurveyed, G. & S. R. B. & M. and designated as Survey No. 3483, 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.

*William C. Goetz*  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said

U. S. Mineral Surveyor, before me

*William C. Goetz*  
*a Notary Public in and for Pinal County, Arizona* this 10<sup>th</sup> day of July, 1918.

*My Commission Expires Sept 20<sup>th</sup> 1919*  
*John L. Smith*  
*Notary Public*

FEB. 11. 1918.

## RECORDER'S CERTIFICATE.

STATE OF ARIZONA, )  
 County of Pinal. ) ss.

I, W. L. BROWN, County Recorder,

in and for the County of PINAL, State of Arizona,  
 do hereby certify that the within and following is  
 a full, true and correct copy of Notice of Location of  
 GERALD CANSLER Mining Claim, Pioneer Mining District, Pinal Co.,  
 as the same appears of record in my office in  
 Book No. 33 of Mines, page 201  
~~at page~~ thereof, or under file No.

File of ;

that I have compared the same with the original  
 record and that the same is a true transcript and  
 of the whole thereof.

IN WITNESS WHEREOF, I have hereunto  
 set my hand and affixed the seal of my office,  
 this 19th day of January, 1918, at  
 Florence, the County Seat.

W. L. BROWN,  
 County Recorder,

By

*MO Benscoe*  
 Deputy Recorder.



# Amended Notice of Mining Location

## LODE CLAIM

### On All Whom it May Concern:

This Mining Claim, the name of which is the **Gerald Cansler** 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 **the Magma Chief Copper Company, by F. T. Pomeroy, Secretary, a citizen of the United States,**

the undersigned, on the **3d day of January, 1917.**

The length of this claim is **1500** feet,  
and **we** claim **750** feet,  
in a **southeasterly** direction and **750** feet  
feet ~~xxxxx~~ **in a northwesterly** 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  
**southeasterly** to the **northwesterly**

The claim is situated and located in the **Pioneer** Mining District, in  
Pinal County, in the State of Arizona, about **one mile**  
in a **northwesterly** direction from **the main shaft of the Magma Mine,**  
and the **McCaffery Springs** are located in about the center of the said  
claim, at a point about **200 feet south and west of the Location**  
**monument.**

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

**a monument of stone**

at a point in a **southeasterly** direction **750** feet from  
the discovery shaft (at which this notice is poseted), being in the center of the **southerly**  
end line of said claim; thence **southwesterly 300** feet to a **Post**  
**northwesterly 1500**, being the **southwest** corner of said claim; thence  
**northwest** feet to a **post**, being at the  
to a **post** corner of said claim; thence **northeasterly 300** feet  
thence **northeasterly 300** at the center of the **northerly** end of said claim;  
**northeast** feet to a **post**, being at the  
feet to a **post** corner of said claim; thence **southeasterly 1500**  
thence **southwesterly 300** at the **southeast** corner of said claim;  
feet to the place of beginning.

All done under the 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 to Revise and Codify the laws of the Territory of Arizona," approved March 16, 1901.

This is an Amended Location Notice of the **Gerald Cansler**  
Mining Claim, located by **Mrs. Minnie A. Cansler, Jan. 1st, 1912**  
and recorded in Book **28** of Records of Mines, at  
page **44**, in the office of the County Recorder of the aforesaid County of Pinal, to which reference  
is hereby made, and this amended Location Notice is made and posted to correct errors in the description  
in the said original Location Notice

Dated and posted on the grounds this **3d day of February, 1917.**

**The Magma Chief Copper Co.,**  
**By F. T. Pomeroy, Secretary.**

Filed and Recorded at the request of **Chalmers, Kent & Stahl, Feb. 13th, 1917,**  
**at one o'clock P. M.** **W. L. BROWN, Recorder,**  
Recorded in Book **33** of Mines, page 201. **By M. O. Benscoe, Deputy.**

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

May 28, 1919

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

THE MAGMA CHIEF COPPER COMPANY

known as the GERALD CANSLER LODGE

situate in PIONEER

Mining District, PINAL County, ARIZONA.

in Section 26, Township No. 1 S., Range No. 12 E., unsur., and

designated as Survey No. 3483, 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 its grantors, and that said improvements consist of 5 cuts, 2 shafts and 1 tunnel, total value \$690.

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 P. Trott,

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,

May 28, 1919,

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 MAGMA CHIEF COPPER COMPANY

, known as the

GERALD CANSLER LODE.

situate in PIONEER mining district,

PINAL County, ARIZONA.

in Section 26, Township No. 1 S., Range No. 12 E., unsur.

, designated as Survey No. 3483

executed by William C. Goetz, U. S. Mineral

Surveyor, April 14, 1918, under my instructions dated

February 12, 1918, have been critically examined and the necessary cor-

rections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and made

a part of the transcript of the field notes.



U. S. Surveyor General for Arizona.