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4-683.

MINERAL SURVEY No. 2545

LOT No.

ARIZONA. Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Kentucky-Arizona Copper Company

KNOWN AS THE

M O D O C K .

Cave Creek Mining District,

Maricopa County, Arizona.

Section Approximately, Township 6 N., Range 4 E. Unsurveyed

Surveyed under instructions dated May 5, 19 08.

by Ernest W. Fenner, U. S. Mineral Surveyor.

Claim located See location notice, 19 .

Survey commenced May 20, 19 08.

Survey completed May 23, 19 08.

6-822

Address.

Robt. P. McCulloch,

Attorney in Fact,

Cave Creek, Ariz.

SURVEY NO. 2545.

MODOCK LODGE.

FEET. Beginning at the N. W. Cor. of the location, identical with the N. E. Cor. Blue Dick lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant.

A mound of stone 2 1/2 ft. base, 2 ft. high, containing stake and marker.

At which point I set Cor. No. 1.

A pine post 4 ins. square, 3 1/2 ft. long, set 18 ins. in earth and rock, in a mound of stone 2 1/2 ft. base, 2 ft. high, scribed Cor. 1, Sur. 2545 M.

Whence,

U. S. L. M. No. 2545 bears S. 31° 17' E., 608.3 ft.

Thence S. 5° 29' W.

84.50 to S. line Cross *Cut* lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant, *the S.E. Cor Cross Cut Lode bears S. 87° 51' E. 588.10 feet*
1500.0 to the S. W. Cor. of the location, identical with the

S. E. Cor. Blue Dick lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant.

A mound of stone 2 ft. base, 1 1/2 ft. high, with marker.

At which point I set Cor. No. 2.

A pine post 4 ins. square, 3 1/2 ft. long, set 18 ins. in ground, in a mound of stone 2 1/2 ft. base, 2 ft. high, scribed Cor. 2, Sur. 2545 M.

Whence,

U. S. L. M. No. 2545 bears N. 25° 15' E., 1077.02 ft.

Thence S. 84° 31' E.

131.2 to gulch 15 ft. wide, from the north.

300.0 to the S. end center of the location.

A mound of stone 2 ft. base, 1 1/2 ft. high, unmarked,

FEET. and designated as the S. End Center of the location, by R. P. McCulloch, agent for the Kentucky-Arizona Copper Co.

At which point I set the S. E. C.

A mound of stone 2 1/2 ft. base, 2 ft. high, with marker, a pine board 1 x 3 ins. wide, 2 ft. long, marked S. E. C., M. 2545.

600.0 to the S. E. Cor. of the location, identical with the S. W. Cor. Copper Queen lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant.

A mound of stone, 2 ft. base, 1 1/2 ft. high, containing markers.

At which point I set Cor. No. 3.

A pine post 4 ins. square, 3 1/2 ft. long, set 18 ins. in ground, in a mound of stone 2 1/2 ft. base, 2 ft. high, scribed Cor. 3, Sur. 2545 M.

No suitable bearing points available.

Thence N. 5° 29' E.

913.0 *to gulch 10 feet wide from the West.*
1001.0 to trail to shaft No. 3, general course not determined but at intersection point was approximately north and south.

1025.4 to top of dump of shaft No. 3.

1421.0 *to Gulch 10 feet wide from North West.*

1500.0 to the N. E. Cor. of the location, identical with the north west cor. Copper Queen lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant.

A stake which was identified by R. P. McCulloch, agent for the Kentucky-Arizona Copper Co.

At which point I set Cor. No. 4.

A pine post 4 ins. square, 3 1/2 ft. long, set 18 ins. in ground, in a mound of stone 2 1/2 ft. base, 2 ft. high, scribed Cor. 4, Sur. 2545 M.

FEET. Whence,

The S. E. Cor. of the CrossCut lode, unsurveyed, bears S. 20° 1' W. 51.62 ft.

A mound of stone 2 1/2 ft. base, 2 ft. high, containing stake, marked S. E. Cor. CrossCut lode.



Thence N. 84° 31' W.

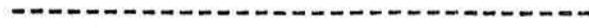
1.78 *Intersect*^{East} end line Crosscut lode, unsurveyed, the Kentucky-Arizona Copper Co., claimant, *the S.E. Cor. Cross Cut Lode bears S. 18° 2' W. 51.20 Feet*
300.0 to the N. End Center of the location.

A mound of stone, 4 ft. base, 3 1/2 ft. high, containing stake and marker.

At which point I set the N. End Center.

A mound of stone 3 1/2 ft. base, 3 ft. high, with stake and marker, a pine board 1 x 3" wide, 2 ft. long, marked N. E. C.-M. 2545.

600.0 to Cor. No. 1, the place of beginning.



A R E A.

Total area Modock lode, 20.661 acres.
Conflict with CrossCut lode, unsurveyed, .912 acres.

NOTE: The CrossCut lode, unsurveyed, the Kentucky-Arizona Copper Company, claimant, the location of which is of more recent date than the Modock lode, this survey, and was located with the intention of connecting the Modock location with locations to the north claimed by the Kentucky-Arizona Copper Company, hence the area in conflict with CrossCut lode is not excluded.

Mean variation at all corners Modock lode
13° 30' E.

LOCATION.

This claim is located on unsurveyed lands of the United States, in Arizona Land District, Cave Creek Mining District, Maricopa County, Arizona Territory, about 1 mile south 16° 28' E. of Cave Creek P. O., presumed to be on T. 6 N., R. 4 E., G. & S. R. B. & M.

I made diligent search for U. S. land corners and found none.

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 and that said improvements consist of:

No. 1, Discovery, an open cut 4 x 10 ft., 10.5 ft. deep, which bears from Cor. No. 4 S. 77° 26' W. 312.6 ft., Value,	\$ 105.00
No. 2. Open Cut, 4 x 10 ft., 11.5 ft. deep, which bears from Cor. No. 4 S. 68° 38' W. 335.4 ft. Value,	\$ 115.00
No. 3. Shaft, incline, well timbered, 6 x 8 ft., 148 ft. deep, which bears from Cor. No. 4 S. 7° 27' W. 499.90 ft. Value,	<u>\$1628.00</u>
Total credit to Modock lode,	<u>\$1848.00</u>

The presumed course of the Modock lode is S. 5° 29' W.
1500.0 ft. from its North End Center to its South End
Center.

ADJOINING CLAIMS.

To the west of the Modock lode, the Blue Dick lode,
unsurveyed, the Kentucky-Arizona Copper Company, claimant.

To the north of the Modock lode, the Crosscut lode, un-
surveyed, the Kentucky-Arizona Copper Company, claimant.

To the east of the Modock lode, the Copper Queen lode,
unsurveyed, the Kentucky-Arizona Copper Company, claimant.

To the south are vacant lands of the United States.

INSTRUMENT.

This survey was made with a Keuffel and Esser Company's
Engineer's transit with solar attachment. The courses
were deflected from the true meridian as determined by
solar observations. The distances were measured with
100 ft. steel tapes.

The disagreement between these field notes and the
location certificates are due to errors in the latter.

U. S. L. M. No. 2545.

A stone 18 ins. wide, 8 ins. thick, 3 1/2 ft. long, set
firmly in clefts of rock on the extreme summit of what is
locally known as "Modoc Peak" in a mound of stone 3 ft.
base, 2 1/2 ft. high, chiseled U. S. L. M. No. 2545, on
its west face, with an X on the top, with a mound of stone
7 1/2 ft. base, 6 ft. high alongside.

Whence,

Cor. No. 1 Modock lode, Sur. No. 2545 bears N.
31° 17' W. 608.3 ft.

U. S. L. M. No. 2544, situated on Knob Hill,
bears N. 61° 40' W.

Smoke stack, Mormon Girl mill, on Cave Creek
wash, bears S. 86° 36' W.

Cave Creek P. O. bears N. 16° 28' W. 1 1/4 miles.

Cor. No. 2 Modock lode, Sur. No. 2545, bears S.
25° 15' W. 1077.02 ft.

Entrance Mormon Girl Tunnel, bears S. 48° 28' E.

Black Mountain bears S. 77° 8' E.

U. S. L. M. No. 2545 is situated on the summit of
a sharp peak which has abrupt sides on the east
and west, to the north and south a steep descent.

The entire country to the east and west is
plainly visible. To the north and south much of
the vision is obstructed by mountains.

Established May 22, 1908.

Note: In the execution of this survey, the acknow-
ledgment of the final oaths of my assistants by me,
was due to the fact that upon completion of the work
and my return to Phoenix, Arizona, the said assistants
were determined upon leaving the territory immediately,
having positions awaiting them at points outside of
Arizona, and being unable to bring them before an officer
duly qualified to administer said oaths, the witnessing
of the same necessarily devolved upon me. Since the
date of my assistants signatures of said affidavits I
have made diligent efforts to locate them in an effort
to secure their signatures acknowledge by a Notary Public,
but to date without success.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ernest W. Temme

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

Kentucky-Arizona Copper Company
known as the Madock

and showing the respective capacities in which they acted.

C. J. Hawk, Chainman.
W. R. Stewart, Chainman.
_____, Azman.
_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, C. J. Hawk and W. R. Stewart
and _____, do solemnly swear that we assisted Ernest W. Temme

_____, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Kentucky-Arizona Copper Company
known as the Madock

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
C. J. Hawk, Chainman.
W. R. Stewart, Chainman.
_____, Azman.
_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 22

day of May, 1905

Ernest W. Temme
U.S. Dep. Min. Surveyor

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Ernest W. Tenme, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 5, 1908, 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 Kentucky Arizona Copper Company, known as the Whodock, situate in Cave Creek Mining District, Maricopa County, Arizona, in Section approximately Township No. 6 N., Range No. 4 E. G. & S. R. B. & 7 1/2 Unsurveyed and designated as Survey No. 2545, 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.

Ernest W. Tenme
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Ernest W. Tenme
U. S. Deputy Mineral Surveyor, before me J. E. Schupp
this seventh
day of November, 1908.

J. E. Schupp
Notary Public

My com. exp. Apr. 26-1910
o 8-154

Affidavit of Five Hundred Dollars Improvements.

We, A. N. Scheringson and Geo. W. Ross

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the "Modock" mining claim, situate in Cave Creek Mining district, Maricopa County, Arizona Territory, for which Kentucky-Arizona Copper 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 grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Geo W Ross

A. N. Scheringson

TERRITORY OF ARIZONA, }
County of Maricopa } ss:

Sworn to and subscribed before me, this 2nd

day of December, 1908



A. M. Fickas

27689b1m2-07

(My commission expires Dec. 23, 1911)

NOTICE OF MINING LOCATION.

LODE CLAIM

2445

TO ALL WHOM IT MAY CONCERN: This mining claim, the name of which is the Modock 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 W.L. McKay, a citizen, the undersigned, on the 22 day of January, 1901.

The length of this claim is 1500 feet, and I claim 1350 feet in a southerly direction, and 150 feet in a northerly 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 the Cave Creek Mining District, in Maricopa County, in the Territory of Arizona, about one mile in a South Easterly direction from Houck's Station on Cave Creek.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument at a point in a northerly direction 150 feet from the discovery shaft (at which this notice is posted), being in the center of the North end line of said claim; thence westerly 300 feet to a monument of stone, being the north west corner of said claim; thence 750 southerly feet to a monument at the center of the west side line of said claim; thence southerly 750 feet to a monument, being at the south west corner of said claim; thence easterly 300 feet to a monument, at the center of the south end of said claim; thence easterly 300 feet to a monument, being at the south east corner of said claim; thence northerly 750 feet to a monument being at the center of the east side line of said claim; thence northerly 750 feet to a monument at the N.E. corner of said claim; thence westerly ^{300 feet} to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXIII, 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, and amended March 2d, 1899.

Dated and posted on the ground this 22 day of January, 1901.

W.L. McKay.

Filed and recorded at request of W.L. McKay, Mar. 22nd, A.D. 1901.

at 2:00 P.M.

B.F. McFall, County Recorder,

#1058

by A.S. Arthur, Deputy Recorder.

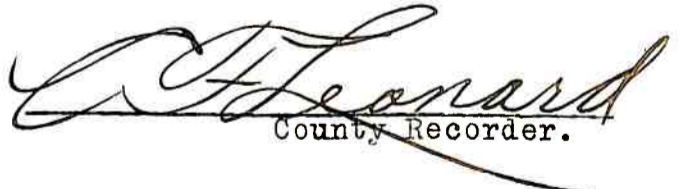
Book 9 of Mines,

pages 464-465.

Territory of Arizona,)
) ss.
 County of Maricopa,)

I, C.F. Leonard, County Recorder in and for the County and Territory aforesaid, hereby certify that I have compared the foregoing copies of Notices of Location of Mining Claims, with the original records, filed and recorded in my office on the dates named, and in the Books and on the pages therein mentioned, and that the same are full, true and correct copies of such records, and of the whole thereof.

Witness my hand and seal of office this 27th day of April, 1908.


 County Recorder.

4-888.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

February 11, 1909.

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

Kentucky-Arizona Copper Company

known as the Modock

situate in Cave Creek

Mining District, Maricopa County, Arizona

in Section Approx., Township No. 6 N., Range No. 4 E., Unsur., and

designated as Survey No. 2545, 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 2 cuts and 1 shaft, total value \$1848.00

[Empty lines for additional details]

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,

February 11, 1909.

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

Kentucky-Arizona Copper Company

, known as the

Modock

situate in Cave Creek mining district,

Maricopa County, Arizona

in Section Approx., Township No. 6 N., Range No. 4 E., Unsur.

, designated as Survey No. 2545

executed by Ernest W. Temme, U. S. Deputy Mineral

Surveyor, May 20-23, 1908, under my instructions dated

May 5, 1908, 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. A true copy of the copy of the location certificate filed by the applicant for

survey is included in the field notes.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.

Large
Map