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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
State Office  
3022 Federal Building  
Phoenix, Arizona 85025

1 IN REPLY REFER TO:  
E  
9183.1

SJK  
7-19

July 18, 1966

Memorandum

To: Acting Chief, Division of Engineering, ASO  
From: Boyd S. Owens, Cadastral Surveyor  
Subject: Location, U.S.L.M. No. 2486, T. 18 S., R. 11 E., G&SRM, Ariz.

In your memorandum of June 21, 1966, Paul G. Bauer was instructed to make a field check as to the location of U.S.L.M. No. 2486, T. 18 S., R. 11 E., G&SRM, Arizona.

In lieu of Paul G. Bauer who was working on other surveys, I, Boyd S. Owens, was instructed to make the required field check which I completed July 15, 1966. A complete report for the record is as follows:

U.S.L.M. No. 2486, is monumented by a granite stone, 12x12x15 inches above ground, mkd. X on top, U.S.L.M. 2486 PD on SW. side with a mound of stone NE.

from which

A mesquite tree, partly dead, with dim scribe mks., bears N. 11°30' W., 108 lks. dist.

The cor. of secs. 8, 9, 16 and 17, T. 18 S., R. 11 E., G&SRM, Arizona, bears N. 22°30' W., 19.94 chs. dist., monumented by an iron post, 2 ins. diam., set, mkd. and witnessed as described in the official record of the 1924 survey. This cor. is located at the cor. of a fence bearing S. and W.

Boyd S. Owens

cc: M.S. #2486 ✓  
Field Notes, T. 18 S., R. 11 E.  
~~Supplemental Plat~~  
L.O. Mgr.

MS-4392



T. N. STEVENS & ASSOCIATES

ENGINEERS & SURVEYORS

514 N. PLUMER

PHONE 5-5221

TUCSON, ARIZONA

MS 2486

2

Re: Mineral Survey No. 4392

April 6, 1955

DATE ROUTED	4-7	INITIALS FOR:
STATE SURV.	1	EST
ADM. ASST.		
POST OFFICER		ACTION
LANDS & MIN.		
LAND OFFICE		COMMENTS
CAD. ENGR.	2	
GRAZ. DIST.		INFORM
RETURN TO		

Mr. E.H. Kimmell  
Office Cadastral Engineer  
233 Main Post Office  
Phoenix, Arizona.

Dear Mr. Kimmell:

In response to your memorandum of April 4, 1955 .

The correct tie from Cor. No.1, Pinnacle No. 2 to U.S. L.M. 4063 is N. 15°28' W., 4632.27 ft. instead of N. 14°32' W., 4922.05 ft. as reported.

Receipt is acknowledged of rewritten copy of field notes of Survey No. 4387.

I enclose a plat of Sur. No. 2486, Black Hawk lode from results of a recent survey & investigation I made in the field. The N. end center of this claim is identical with U.S. L.M. 2486.

This claim is shown on the Township plat by Roger F. White, 1924 as tied to the NE Cor. Sec. 15, T.18 S. R. 11 E. which locates the claim about 2 miles from its true position. I thought you would be interested in having this information.

*T. N. Stevens*  
Mineral Surveyor.

Orig ltr. in  
Cadastral -  
w/ MS 4392

(4-683.)

Mineral Survey No. 2486

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. B. Girard

KNOWN AS THE

Black Hawk

Papago Mining District.

Pima County, Arizona,

Section Township 18 S., Range 11 E. Unsur

Surveyed under instructions dated October 17, 1907.

by Philip Contzen

U. S. Deputy Mineral Surveyor

Claim located See location Notice 1

Survey commenced October 21, 1907 1

Survey completed October 21, 1907 1

6-173

ADDRESS

M. E. LEVERICH  
PHOENIX - A. T.

CK  
H

Feet

SURVEY NO. 2486  
BLACK HAWK LODE

Beginning at Cor.No.1, identical with the location, which is a mound of stone 3 ft. base 3 ft. high.

Set a porphyry stone 24 x 10 x 8 set 12 ins. in the ground, and raise a mound of stone alongside.

I chisel stone B H-2486; whence  
U S L M 2486 brs. N. 66° 37' W. 300 ft.  
Small peak N. of Baboquaviri brs. S. 63° 15' W.  
Black Mountain brs. S. 76° 30' W.

Thence S. 23° 23' W.  
Var. 12° 44' E.

250 Gulch, course S.W.  
880 Gulch, course W.  
1430 Gulch, course S.W.  
1500 To Cor.No. 2, identical with the location, which is a mound of stone 3 ft. base 3 ft. high  
Set a porphyry stone 24 x 10 x 8 ins. set 12 ins. in the ground, and raise a mound of stone alongside.  
I chisel stone B H-2-2486; whence  
Dobbs Butte brs. N. 48° W.  
Baboquaviri Peak brs. S. 73° 8' W.  
Thence N. 66° 37' W.  
Var. 12° 44' E.

70 Gulch, course S.W.  
300 To S. End Center Monument, which is identical with the location, which is a mound of stone 3 ft. base 3 ft. high  
600 To Cor.No. 3, which is identical with the location, which is a mound of stone 3 ft. base 3 ft. high.  
Set a porphyry stone 24 x 8 x 6 ins., 12 ins. in the ground, and raise a mound of stone alongside  
I chisel B H-3-2486 on stone; whence  
A cross (X) and B R-3-2486 chiseled on a porphyry boulder 6 x 6 x 4 ft. above ground brs. N. 42° E. 40 ft.  
A cross (X) and B R-3-2486, chiseled on a porphyry boulder 4 x 3 x 2 ft. above ground, brs. N. 65° 40' E. 13.3 ft.  
Thence N. 23° 23' E.  
Var. 12° 44' E.

250 Gulch, course S.W.  
1250 Gulch, course S.W.  
1500 To Cor. No. 4, identical with the location, which is a mound of stone 3 ft. base and 3 ft. high.  
I chisel a cross (X) and B H-4-2486 on porphyry ledge in place, which is 12 x 12 x 8 ft. above ground, and raise a mound of stone alongside; whence  
Baboquaviri Peak brs. S. 72° 52' W.  
Black Mountain brs. S. 76° 23' W.  
Thence S. 66° 37' E.  
Var. 12° 44' E.

200 Gulch, course S.W.  
300 N. End Center, identical with the location, and with U S L M No. 2486  
570 Gulch, course S.W.  
600 To Cor.No. 1, the place of beginning.

-----  
AREA

20.662 Acres

## LOCATION

This claim is located in the Southwestern portion of Tp.18 S., R.11 E., unsurveyed, G. & S.R.B. & M., Papago Mining District, Pima County, Arizona. There are no adjoining claims.

## COURSE OF VEIN

The presumed course of vein of the Black Hawk Lode is from the S. End Center to the N. End center, N. 23° 23' E., 1500 ft.

## EXPENDITURE OF FIVE HUNDRED DOLLARS

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

From S. End Center:

Discovery shaft No. 1, 4 x 6 ft. 20 ft. deep, brs. N. 23° 23' E., 670 ft. Value \$200.00

Tunnel No. 2, 4 x 6 ft. 150 ft. long, course of tunnel 23° 30' E., brs. N. 23° 23' E., 685 ft. Value \$1000.00

Shaft No. 3, 4 x 6 ft., 180 ft. deep, brs. N. 23° 23' E. 608 ft Value \$1500.00

Cut No. 4, 4 x 6 ft. x 50 ft. long, course N. 30° E., brs. N. 20° E., 500 ft. Value \$ 300.00

## INSTRUMENT

This survey was made with a Young & Sons light mountain transit with solar attachment. The courses were deflected from the true meridian established at the North End Center which is identical with the U S L M No. 2486. The distances were measured with a 100-foot steel tape.

*Philip Couzzen*  
U. S. Deputy Mineral Surveyor.

Establishment of U.S. Mineral Monument No. 2486.

There being no corners of the public land surveys with in two miles of Survey No. 2486, I find it necessary to establish a U.S. Location Monument. I therefore proceed in the afternoon of October 20, 1907, to establish said Location Monument. I select a high and prominent point, which is visible for many miles, this point being also a North End Center Corner of the Black Hawk Lode. At this point I set a porphyry stone 30" x 12" x 12", marked with a Cross (X) on top, and chiseled U S L M NO 2486 P D and raise a mound of stone 5 ft. base and 5 ft. high. At this point I determine a meridian with my transit, which is a Young & Sons with a Smith Solar attachment. At 5 h., l.m.t., p.m., on the above mentioned date, I observe Polaris at eastern elongation, and mark said line by a stake driven in the ground at a point 300 ft. N. of my station. Thence I deflect 1°24' to the W., and mark the meridian thus determined by a stake driven in the ground W. of the first stake set. Variation 12° 44' E. From this meridian I deflect to the N.E. Cor. of the adobe house known as the "San Juan Ranch", which brs. S. 32°18' W. A mesquite 10 ins. diam. blazed and scribed U S L M No 2486 Papago District B T brs. N. 11°30' W. 71 ft. dist.

October 20 and 21, 1907.

*Philip Conzen*  
 U.S. Deputy Mineral Surveyor

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen

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 J. B. Girard

known as the Black Hawk

and showing the respective capacities in which they acted.

Harry Mallory, *Chainman.*

Clarence Young, *Chainman.*

Harry Mallory, *Arman.*

Clarence Young, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, Harry Mallory

and Clarence Young, do solemnly swear that we assisted

Philip Contzen, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of J. B. Girard

known as the Black Hawk

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

Harry Mallory, *Chainman.*

Clarence Young, *Chainman.*

Harry Mallory, *Arman.*

Clarence Young, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 21st

day of October, 1907

W. G. Power

Notary Public, Pima County, Arizona.  
My commission expires April 27th, 1908.



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 17, 1907, 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 J. B. Girard, known as the Black Hawk, situate in Papago Mining District, Pima County, Arizona, in Section, Township No. 18 S., Range No. 11 E., and designated as Survey No. 2486, 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 his 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.

Philip Contzen
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen
U. S. Deputy Mineral Surveyor, before me W.G. Power, a Notary
Public in and for Pima County this 21st
day of October, 1907

W. G. Power

Notary Public, Pima County, Arizona.
My commission expires April 27th, 1908.

# Affidavit of Five Hundred Dollars Improvements.

We, Harry Mallory, and Clarence Young

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Black Hawk mining claim, situate in Papago Mining district, Pima County, Arizona Territory, for which J. B. Girard

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

*Harry Mallory*  
*Clarence Young*

TERRITORY OF ARIZONA, }  
County of Pima } ss:

Sworn to and subscribed before me, this 21st

day of October, 1907.



*A. G. Power*

Notary Public, Pima County, Arizona.  
My commission expires April 27, 1908.

Black Hawk Mining Claim.

Notice of Mining Location. Quartz claim.  
 This mining claim the name of which is the Black Hawk Mining claim, situated 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 Andrew Bronley the undersigned, on the 20<sup>th</sup> day of September 1896. The length of the claim is 1500 feet, and I claim 750 feet in a northerly direction and 750 feet in a southerly direction from 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 precious is from the North to the South. The claim is situated and located in the Papago Mining District in Pima County, in the Territory of Arizona about one and a half miles in a northerly direction from the Ovey Ranch formerly known as the San Juan Mine.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a stone monument on South end line at a point in a

southerly direction 750 feet from the discovery shaft, at which this notice is posted, being in the center of the South end line of said claim; thence East 300 feet to a stone monument, being the South east corner of said claim; thence North 750 feet to a stone monument at the center of the east side line of said claim; thence North 750 ft. to a stone monument being at the N.E. corner of said claim; thence west 300 ft. to a stone monument at the center of the north end of said claim; thence West 300 ft. to a stone monument being at the N.W. corner of said claim; thence South 750 feet to a stone monument, being at the center of the west side line of said claim; thence South 750 feet to a stone monument at the S.W. corner of said claim; thence East 300 feet to place of beginning.

All done under 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 Concerning Mines, approved March 20" 1895

dated and posted on the ground this 20<sup>th</sup> day of September 1896.

Witness  
A. W. Powers.

Andrew Bronley

Filed and recorded request of Andrew Cronley  
November 14 1896, at 9 a.m.

Chas. A. Shibell  
County Recorder.

TERRITORY OF ARIZONA, }  
County of Pima, } ss.

I, Chas. A. Shibell, County Recorder in and

for the County of Pima, do hereby certify that the above and foregoing is a full, true and correct copy  
of Black Hawk Mining claim situated in Papago  
Mining District, Pima County, Arizona Territory. Located by  
Andrew Cronley Sept. 20 1896

as appears of record now in my office in Book F. F. Records of Mines Pages 360

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my

official seal, at my office in Tucson, this 11<sup>th</sup> day  
of Sept. A. D. 1907

Chas. A. Shibell  
County Recorder of Pima County, Arizona.  
By C. Neustatter, Deputy

4-688.

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

**Department of the Interior,**

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

October 29, 1907.

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

J. B. Girard

known as the BLACK HAWK

situate in Papago

Mining District, Pima County, Arizona

in Section , Township No. 18 S., Range No. 11 E., Unsur., and

designated as Survey No. 2486, 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 his grantors, and that said improvements consist of 2 shafts, 1 tunnel and 1 cut, total value \$3000.00

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,

October 29, 1907.

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

J. B. Girard

, known as the

BLACK HAWK

situate in Papago Mining District,

Pima County, Arizona

in Section, Township No. 18 S., Range No. 11 E., Unsur.

, designated as Survey No. 2486

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, October 21, 1907, under my instructions dated

October 17, 1907, 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.

Handwritten signature of Frank S. Ingalls

U. S. Surveyor-General for Arizona.

Large  
Map