

MAY 25 1921

4-683

MINERAL SURVEY No. 3769

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Hardshall Mining Company

KNOWN AS THE

BENDER GRUP CLAIM NO. 10 lode

Harshaw Mining District,

Santa Cruz County, Arizona

Section Approx. 9, Township 23 S., Range 16 E. Unsur.

Surveyed under instructions dated May 13, 1921

by J. N. Stevens U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced May 16, 19 21

Survey completed May 18, 19 21

Address of claimant S.E. Noon, Atty., Nogales, Ariz.

DATES OF AMENDED LOCATIONS.

Feet	MINERAL SURVEY NO. 3769 BENDER GRUP CLAIM NO.10 Lode.
	<p>Beginning at Cor. No.1. Identical with Loc.Mon. An iron pipe 1 in. diam. with brass cap 2 ins. sq on top, 18 ins. above ground, set 18 ins. in the ground. Stamped with cross (X) 1-BGC No.10 - 3769, with md of stone $3\frac{1}{2}$ ft base by 3 ft high alongside; whence the U S M M No.1 brs. N. $29^{\circ}28'$ E. 2105.0 ft.</p> <p>An oak tree 6 ins. diam. brs. S $76^{\circ}54'$ W. 49 ft Blazed and scribed 1-3769 B T.</p> <p>No other bearings are available</p> <p>Thence S $64^{\circ}09'$ W. Va. $15^{\circ}30'$ E.</p>
300	<p>To N. end Center.</p> <p>An oak post 4 ins. diam by 4 ft. high, set firmly in the ground and surrounded with md of stone $3\frac{1}{2}$ ft base by 3 ft high; scribed N Cr BGC No.10.</p>
591.45	<p>To Cor. No. 2. Identical with Loc. Mon.</p> <p>An iron pipe 1 in. diam. with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground. Stamped with cross (X) 2-BGC No.10-3769 with md. of stone $3\frac{1}{2}$ ft base by 3 ft high alongside.</p> <p>An oak tree 12 ins. diam. brs S $83^{\circ}19'$ W. 51.9 ft. No other bearings are available.</p> <p>Thence S $2^{\circ}51'$ E Va. $15^{\circ}30'$ E.</p>
1239.0	<p>To Cor.No.3. Identical with loc.mon.</p> <p>An iron pipe 1 in. diam with brass cap 2 ins. sq on top, 18 ins. above ground, set 18 ins. in ground, stamped (x) 3 - BGC No. 10-3769, with md of stone $3\frac{1}{2}$ ft base by 3 ft high alongside.</p> <p>An oak tree 10 ins. diam. brs N. $48^{\circ}31'$ W. 12.8 ft.</p> <p>No other bearings are available.</p>

Feet

MINERAL SURVEY NO. 3769

BENDER GRUP CLAIM NO. 10 Lode

Thence N 64° 09' E.
Va. 13° 30' E.

291.45

To S. end Center.

An oak post 4 ins. diam by 4 ft high, set firmly in the ground and surrounded with md of stone 3½ ft base by 3 ft high. Scribed S Cr. B G C No.10.

563.85

To Cor. No. 4.

An iron pipe 1 in. diam with brass cap 2 ins. sq. on top, 18 ins. above ground, set 18 ins. in the ground. Stamped with cross (X) 4 BGC No.10 - 3769, with md of stone 3½ ft base by 3 ft high alongside.

Loc.Mon. brs S 45° 20' E. 40.2 ft.

An oak tree 14 ins. diam. brs S 59° 10' W. 61 ft.

No other bearings are available.

Thence N. 1° 41' 08" W.
Va. 15° 30' E.

1250.1

To Cor. No. 1, the place of beginning.

LODE LINE

As near as can be determined from the present development, the vein of the location embraced in this claim extends as follows, from its discovery point;

BENDER GRUP CLAIM No.10 Lode, S 2° 51' E. 20 ft and N. 2° 51' W. 1219.0 ft.

AREA

Acres

Total area Bender Grup Claim No.10

15.124

This Survey is identical with its original location, all corners of which were found in place, except as shown in the foregoing field notes;

LOCATION.

This Survey is located approximately in Section 10, T. 23 S.R. 16 E., in the Coronado National Forest.

MINERAL SURVEY NO. 3769

BENDER GRUP CLAIM No. 10 Lode.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and the improvements made upon or for the benefit of this location is not less than Five Hundred Dollars, and that said improvements consist of;-

No.1. The discovery point, on the lode line, 20 ft from a point on line 3-4 at N.64°09' E. 291.45 ft from Cor. No.3. A monument of stone.
No Value.

No.2. A shaft, the center of which brs from Cor. No.3, N 59°45' E. 290 ft., 4X6 ft 10 ft deep.
Value \$100.00

No.3. A cut, the mouth of which brs from Cor. No. 4, S 69°30' W. 210 ft., 5 ft wide, 8 ft face, running North 15 ft to face.
Value \$100.00

No. 4. A shaft, the center of which brs from Cor. No.4, N 83°W. 70 ft, 4X6,ft 8 ft deep.
Value \$80.00

No.5. A shaft, the center of which brs from Cor.No. 2, S 10°45' E. 615 ft, 4X6 ft 8 ft deep.
Value \$80.00

No.6. A shaft the center of which brs from Cor. No. 2, S. 14°E. 610 ft, 4X6 ft 20 ft deep.
Value \$200.00

No.7. A shaft, the center of which brs from Cor. No.2, S 23°45' E. 605 ft., 4X6 ft 8 ft deep.
Value \$80.00

No. 8. A shaft, the center of which brs from Cor. No.2, S 27°30' E. 600 ft, 4X6 ft, 20 ft deep.
Value \$200.00

MINERAL SURVEY NO. 3769

EXPENDITURE OF FIVE HUNDRED DOLLARS

No.9. A shaft, the center of which brs from Cor. No. 2, S 15°E, 450 ft, 4X6 ft, 10 ft deep.

Value \$100.00

No.10 A shaft, the center of which brs from Cor.No. 2, S 23°15' E., 475 ft, 4X6 ft 8 ft deep.

Value \$80.00

No.11. A shaft, the center of which brs. from Cor. No. 2, S 32°15' E. 420 ft, 4X6 ft, 60 ft deep.

Value \$60.00

No. 12, A cut, the mouth of which brs from Cor. No.2, S 29°45' E, 390 ft. 5 ft wide, 8 ft face, running S 45°W 15 ft to face.

Value \$100.00

No.13. A shaft, the center of which brs from Cor. No. 2, S 11°15' E. 180 ft, 4X6 ft, 20 ft deep.

Value \$200.00

No. 14. A cut; the mouth of which brs from Cor No. 2, S 60°45' E. 130 ft, 4½ ft wide, 8 ft face, running S 17°W 10 ft. to face. From face is a tunnel 4½ X 6 ft running S 17°W. 60 ft to Sta. 2; thence S 43°W. 40 ft to Sta. 3; thence S 19°30' W. 30 ft to Sta. 4; thence S 46°30' W. 15 ft to face. From Sta. 4 is a drift, 4½ X 6 ft running S 52°15' E. 20 ft to face.

Value of cut and tunnel \$1750.00

INSTRUMENT.

This Survey was made witha Gurley Mountain Transit. The courses were deflected from the true Meridian, as determined by direct Solar observations. The distances were measured with a 500 ft steel tape.

MINERAL SURVEY No. 3769

REPORT.

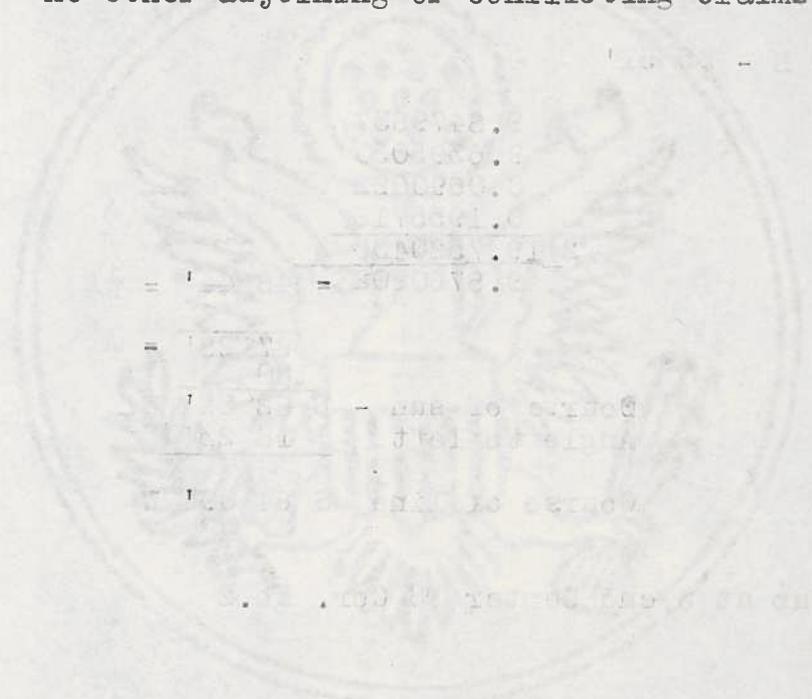
The lode line was run directly upon the ground, and the corners were established by running around the claim.

All tie lines were run directly upon the ground.

U S M M No. 1 consists of a monument of stone 5 ft base by 4 ft high, on summit of high ridge There are no markings on same. I set an iron pipe 2 ins. diam. by 6 ft long in the center of Monument for a definite point to tie to. As there is no Notary Public within a long distance, I proceeded to administer the Necessary oath.

ADJOINING CLAIMS.

This Survey is adjoined on the west by lode and on the east by the War Winner lode, both unsurveyed, Bender Grup Claim No. 9, Claimant, herein. There are of both no other adjoining or conflicting claims-known.



Letter from Stevens 7-8-'21 in re identity of U.S. m.m. No. 1

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by T.N. Stevens
 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 Hardshall Mining Company
 known as the BENDER GRUP CLAIM NO 10 lode
 and showing the respective capacities in which they acted.

Leonardo Encinas , *Chainman.*
 , *Chainman.*
 , *Arman.*
 , *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~Was~~ I. Leonardo Encinas
 and , do solemnly swear that we assisted
T.N. Stevens , United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The Hardshall Mining Company
 known as the BENDER GRUP CLAIM NO. 10 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.

Leonardo Encinas , *Chainman.*
 , *Chainman.*
 , *Arman.*
 , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 18th
 day of May , 1921

T.N. Stevens
U.S. Mineral Surveyor
 4-7013

4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, T. N. STEVENS, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 13, 1921, 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 Hardshall Mining Company, known as the Bender Grup Claim No. 10 lode, situate in Harshaw Mining District, Santa Cruz County, Arizona, in Section 10 9, Township No. 23 S., Range No. 16 E., Unsur, and designated as Survey No. 3769, 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.

T. N. Stevens
U. S. Mineral Surveyor.

Subscribed and sworn to by the said T. N. STEVENS
U. S. Mineral Surveyor, before me Isabel M. Lauder a Notary Public
in and for Pima County, Arizona this 23rd
day of May, 1921
My Commission expires June 4 1924

Isabel M. Lauder
Notary Public.

4-688.

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

Department of the Interior,
OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

August 8, 19 21

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 Hardshall Mining Company

known as the BENDER GRUP CLAIM NO. 10 Lode

situate in Harshaw

Mining District, Santa Cruz County, Arizona

in Section Approx. 9, Township No. 23 S., Range No. 16 E., Unsur; and

designated as Survey No. 3769, 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 10 shafts, 3 cuts, 1 tunnel and 1 drift, total value \$3130.

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.

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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.

August 8, 1921

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 Hardshall Mining Company

known as the

BENDER GRUP CLAIM NO. 10 lode

situate in Harshaw mining district,

Santa Cruz County, Arizona

in Section Approx. 9, Township No. 23 S., Range No. 16 E., Unsur.

designated as Survey No. 3769

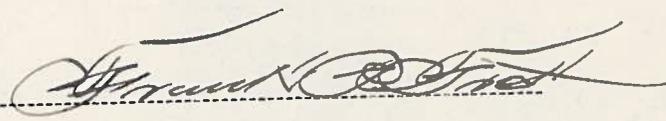
executed by T. N. Stevens, U. S. Mineral

Surveyor, May 16 - 18, 1921, under my instructions dated

May 13, 1921, 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. 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.