

MINERAL SURVEY No. 3938

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Sam Clark and A.D. Clark

KNOWN AS THE

C. & A. No. 1 Lode

Ajo

Mining District,

Pima County, Arizona

Sections 23 and 24, Township 12 S., Range 6 W.

Surveyed under instructions dated March 14 and 24, 1924

by F.C. Kinderman U. S. Mineral Surveyor.

Claim located March 8, 1912

Survey commenced March 19, 1924

Survey completed March 26, 1924

Address of claimant's Atty. John W. Mayes, Ajo, Arizona

DATES OF AMENDED LOCATIONS.

March 14, 1916

MINERAL SURVEY No. 3938

Feet

C. & A. No. 1 Lode.

Beginning at Corner No. 1

Identical with Corner No. 4, Quartzite lode, survey No. 3488, New Cornelia Copper Company, claimant;

A 4 inch iron pipe, copper-capped, showing 30 inches above the ground, in mound of stone, stamped 4-QUARTZITE-3488/1-C & A No.1-3938; whence

The  $\frac{1}{4}$  corner between Sections 23 and 24, T. 12 S., R.6 W, bears North 25°31'30" West, 388.3 feet;

Thence South 5° 16' East;

300 East end center;

A quartzite, 5x13x24 inches, set 12 inches in the ground, with a pine post 4 inches square set in mound of stone alongside, chiselled EEC-C&A-1;

598.47 To Corner No. 2:

A quartzite 8x12x32 inches, set 20 inches in the ground, chiselled x2-C&A-1-3938; whence

Corner No. 3, Intimate Lode, survey 3488, bears South 47° 57' East, 468.33 feet;

Thence South 81°0' West;

1146.12 Intersect line 2-3 Dodge No. 4 Lode, survey 3488, at North 84° 48' 30" West 9.62 feet from Corner No. 3;

1437.4 To Corner No. 3:

A quartzite, 8x10x24 inches, set 16 inches in the ground, with mound of stone alongside, chiselled x3-C&A-1-3938; whence

Corner No. 4, Big Jim No. 2 Lode, survey 3488, bears North 68° 38' East, 159.72 feet;

Thence North 5° 16' West;

72.62 Intersect lines 1-4, 2-3, Big Jim No. 2, and Dodge No. 4 lodes, respectively, survey 3488, at North 84° 48' 30" West, 156.04 feet from Corner No. 4, Big Jim No. 2 lode, and 305.2 feet from Corner No. 3, Dodge No. 4 Lode.

Feet.

283.87 Intersect lines 1-4, & 2-3, Big Jim and Big Jim No. 2 lodes, respectively, survey 3488, at North 84° 38' West, 224.05 feet from Corner Nos. 4-3;

299.3 West end center;  
A quartzite, 6x11x24 inches, set 14 inches in the ground, chiselled WEC-C&A-1;

599.3 To Corner No. 4;  
On line 1-4 Quartzite Lode, survey 3488, a porphyry, 12x14x24 inches, set 16 inches in the ground, chiselled x4-C&A-1-3938; whence  
Corner No. 1, Quartzite lode, survey 3488, bears South 81°02' West 24.4 feet;

Thence North 81°02' East;

348.66 Intersect line 3-4 Big Jim lode, survey 3488, at North 13°20'30" East, 400.2<sup>ff</sup> from Corner No. 4;

1437.4 To Corner No. 1, the place of beginning.

Variation 14° East.

LODE LINE:

AS near as can be determined from present developments, the vein of this location extends 11 feet South 81°02' West, and 1426.4 feet North 81°02' East from the discovery point.

AREA:

Total area C. & A. No. 1 Lode - - - - - 19.721 acres

Area in conflict with:

- BIG JIM Lode, survey 3488 - 2.279 acres
- BIG JIM No. 2 Lode, survey 3488 - .905 "
- DODGE No. 4 Lode, survey 3488 - .242 "

The survey of this lode is identical with the amended location as staked upon the ground.

LOCATION:

This survey is located in the SE<sup>1</sup>/<sub>4</sub> of Section 23, and the SW<sup>1</sup>/<sub>4</sub> of Section 24, T. 12 S., R. 6 W., G. & S. R. M.

ADJOINING CLAIMS

This survey is bounded on the west by the Big Jim and Big Jim No. 2 lodes, Survey No. 3488; on the north by the Quartzite lode, Survey No. 3488, New Cornelia Copper Co. claimant; on the east by the Clark No. 1 lode, Sam Clark claimant; on the south partly by the Dodge No. 4 lode, Survey No. 3488.

Feet.

EXPENDITURE OF FIVE HUNDRED DOLLARS:

I CERTIFY that the value of the labor and improvements made upon, or for the benefit of, the location embraced in said mining claim by the claimants or their grantors is not less than Five Hundred Dollars, and that said improvements consist of:

No. 1. The discovery shaft, on the lode line, 11 feet from the west end center, 4x5 feet, 40 feet deep; Value- - - \$400 00

No. 2. A shaft which bears from a point on line 4-1, 150-7 feet from Corner No. 4, South 48°18' West, 120 feet, 5x5 feet, 12 feet deep; value - - - - - \$100 00

No. 3. An open cut, the mouth of which bears from the tie point for improvement No.2, South 13°05' East, 225 feet, 4 feet wide, 6 feet face, running North 61° West 12 feet; value - - - - - \$ 40 00

No. 4. An open cut, the mouth of which bears from the tie point for improvement No. 2, South 9°57' East, 246 feet, 4 feet wide, 4 feet face, running North 65° West, 15 feet; value - - - - - \$ 50 00

No. 5. A shaft, which bears from the tie point for improvement No. 2, South 12°10' East, 260 feet, 5x6 feet, 7 feet deep; value- - - - - \$ 50 00

No. 6. A shaft, which bears from the west end center North 66°30' East, 136 feet, 4x18 feet, 6 feet deep, long side bears North 60° West; value \$100 00

No. 7. An open cut, the mouth of which bears from the west end center South 41°15' East, 48 feet, 4 feet wide, 10 feet face, running North 34° West, 10 feet; value - - - - - \$ 40 00

No. 8. A shaft which bears from the west end center North 84°56' East, 281 feet, 5x6 feet, 20 feet deep; value - - - - - \$200 00

No. 9. A shaft which bears from the west end center North 82°31' East, 300 feet, 4x12 feet, 5 feet deep; value- - - - - \$ 50 00

No. 10. A shaft which bears from a point on the lode line 361 feet from the west end center South 36°15' East 34 feet, 4x6 feet, 7 feet deep; value \$ 50 00

No. 11. An open cut, the mouth of which bears from a point on the lode line 361 feet from the west end center North 66°30' East 134 feet, 4 feet wide, 8 feet face, running North 86°30' West 30 feet; from the face is a tunnel 4x6 feet, running North 86°30' West, 8 feet; total value- - - - - \$250 00

No. 12. A shaft, which bears from a point on the lode line 169 feet from the east end center North 72°38' West 264 feet, 4x5 feet, 6 feet deep; value - - - - - \$ 35 00

No. 13. An open cut, the mouth of which bears from the tie point for improvement No.12, South 63°10' West, 228 feet, 3 feet wide, 4 feet face, running South 63° East 15 feet; value - - - - - \$ 40 00

No.14. A shaft, which bears from the tie point for improvement No.12, South 18°48' East, 96 feet, 4x5 feet, 6 feet deep; value- - - - - \$ 35 00

No.15. A shaft, which bears from corner No.3, North 67°30' East, 83 feet, 5x6 feet, 6 feet deep; Value- - - - - \$ 40 00

INSTRUMENT:

The survey was made with a C.L.Berger mountain transit No.13427. The courses were deflected from the true meridian as determined by observation of polaris at western elongation. The distances were measured with a 500-foot steel tape.

REPORT:

The lode line of this location was run directly upon the ground, and the several corners established by means of offsets from the lode line. The tie lines were run directly upon the ground.

The  $\frac{1}{4}$  corner between Sections 23 and 24, T.12 S., R. 6 W., is a 1 inch iron pipe, brass-capped, showing 15 inches above ground, stamped  $\frac{1}{4}$ -S 23-S 24.

Survey 3488, Quartzite, Big Jim, Big Jim No. 2, Dodge No. 4, Intimate lodes:

All of the corners are 4 inch pipes, copper-capped, properly set and stamped with the number of the corner and survey. The discrepancy between this survey and survey 3488 as to the length of line 1-4 Quartzite lode is due to error of the latter. I find all other courses and distances correct as approved.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by F.C. Kinderman  
 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 \_\_\_\_\_  
Sam Clark and A. D. Clark  
 known as the C & A No. 1 Lode  
 and showing the respective capacities in which they acted.

\_\_\_\_\_  
A. K. Jones \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_  
Q. F. Martin \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

We, A. K. Jones  
 and Q. F. Martin, do solemnly swear that we assisted \_\_\_\_\_  
 \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Sam Clark and A. D. Clark  
 known as the C & A No. 1 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

A. K. Jones \_\_\_\_\_, *Chainman.*  
Q. F. Martin \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman*

Subscribed and sworn to by the above-named persons before me this 31<sup>st</sup>  
 day of March, 1924

R. G. ...  
My com Exp 11/9/25 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, E.C. Kinderman, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 14 and 24, 1924, 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 Sam Clark and A.D. Clark, known as the C. & A. No. 1 Lode, situate in Ajo Mining District, Pima County, Arizona, in Sections 23 & 24, Township No. 12 S., Range No. 6 W., and designated as Survey No. 3938, 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 their 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.

E.C. Kinderman
U. S. Mineral Surveyor.

Subscribed and sworn to by the said E.C. Kinderman
U. S. Mineral Surveyor, before me R. Grover Langmade
Notary Public this 8th
day of April, 19 24

R. Grover Langmade
Notary Public





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

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

May 26, 1924.

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

Sam Clark and A. D. Clark

, known as the C. & A. No. 1 lode

, situate in Ajo

Mining District, Pima County,

Arizona, in Sections 23 and 24, Township No. 12 S.,

Range No. 6 W., and designated as Survey

No. 3938, 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 their grantors, and  
that said improvements consist of 10 shafts, 5 cuts, and 1 tunnel,  
total value \$1480.

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.

Charles M. Donohoe

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 26 ....., 192 4

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 .....

..... Sam Clark and A. D. Clark .....

....., known as the

..... C. & A. No. 1 lode .....

situate in ..... Ajo ..... mining district,

..... Pima ..... County, ..... Arizona .....

in Section s 23 and 24 ....., Township No. 12 S., ....., Range No. 6 W. ....

....., designated as Survey No. 3938 .....

executed by ..... E. C. Kinderman ....., U. S. Mineral

Surveyor, ..... March 19 - 26 ....., 192 4, under my instructions dated

..... March 14 and 24 ....., 192 4, 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.

*Charles M. Donohoe*

U. S. Surveyor General for Arizona .....