

MINERAL SURVEY No. 4013

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Gadsden Copper Company

KNOWN AS THE

AJAX LODE

Verde Mining District,

Yavapai County, Arizona

Section 25, Township 16 N., Range 2 E.G. & S.R. B. & M.

Surveyed under instructions dated May 20, 1926

by Alfred R. Colwell U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced Sept. 4, 1926

Survey completed Sept. 6, 1926

Address of claimant's Attys. Knapp, Boyle & Pickett, Attys. for Box 829 Bisbee, Arizona

DATES OF AMENDED LOCATIONS.

Feet

Ajax lode.

Beginning at Cor.No.1

Identical with a corner of the location and with Cor.No.4 Sur.No.3453 London lode, claimant herein.

On line 2-3 Sur.No.1409 Alice lode, claimant herein at N.70°55'E.- 997.1 ft. From Cor.No.2 and S.70°55'W.-497.7 ft. from Cor.No.3

A 3 in. iron pipe showing 30 ins. above concrete base, with nail at exact corner point, marked on copper plate L, 4-3453, A, 1-4013

Whence W. 1/4 Cor. Sec. 25 T.16 N.R. 2 E.G. & S.R.B. & M. bears N.69° 45'30"W.- 1194.9 ft.

No suitable bearing rocks available.

Thence N.46°22'E.

68.50 To Cor.No.2

Identical with a corner of the location and with Cor.No.1 Sur.No.3453 Babe lode- on line 3-4 London lode of said survey.

A 4 x 4 in. post 3 ft. above surface, set in mound of rocks nail at exact corner point, scribed B 1-3453, A, 2-4013

No bearings available.

Thence S.42°46'E.

7.00 N.E. End center, A monument of rocks.

31.10 To Cor.No.3

On line 4-1 Sur.No.3453 Babe lode at N.42°46'W.- 568.9 ft. from Cor.No.4 and at its intersection with line 2-3 Sur.

No.1409 Alice lode at S.70°55'W.-422.9 ft. from Cor.No.3

A greenstone rock 4 x 12 x 24 ins. set 12 ins. in the ground, chiseled + at exact corner point and A, 3-4013 mound of rock alongside.

Whence

A corner of the location bears N.70°E.- 6 ft.

Thence S.46°22'W.-

68.50 To Cor.No.4

A lava rock 12 x 20 x 36 ins. set 20 ins. in the ground chiseled + at exact corner point and A, 4-4013 with mound of rock alongside

Whence

A corner of the location bears S.30°W.-9 ft.

Mineral Survey No.4013

Feet

Thence N.42°46'W.

24.10 To S.W.End Center, A monument of rock.

31.10 To Cor.No.1, The place of beginning.

Variation at all corners 14°30'E.

Lode Line

The presumed lode line runs S.46°22'W.60.5 ft. and N.46°22'E.-8 ft. from the discovery point to the respective end centers.

Area

Total Area ..... .049 Acres
Area in conflict with
Sur.No.1409 Alice lode ..... .024 "

Location.

This claim is situated in the S.W.¼ Sec.25 T.16 N.,R 2 E. G.& S.R.B.& M. and within the Prescott National Forest.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements made upon, or for the benefit of this claim by the claimant or its grantor is not less than five hundred dollars, and that said improvements consist of:

No.1 The discovery cut, the face of which is one foot N.W. of the lode line at 8 ft.from the N.E.End Center.

Running thence S.43°E.- 20 ft.to mouth, 4 ft.wide, 8 ft. face.

Value \$50

No.2 A shaft 4 x 6 ft. 10 ft.deep which bears from Cor.No.1 N.55°30'E.- 48 ft.

Value \$50.00

No.3 A shaft 4 x 6 ft.10 ft. deep which bears from Cor.No.1 N.53°30'E.- 40 ft.

Value \$50.00

No.4 A shaft which bears from Cor.No.1 N.55°30'E.-34 ft. 4 x 6 ft. 10 ft.deep.

Value \$50.00

No.5 A shaft 4 x 6 ft.11 ft.deep which bears from Cor.No.1 N.66°E.- 28 ft.

Value \$60.00

No.6 A shaft,4 x 6 ft.11 ft.deep which bears from Cor.No.1 N.58°E.- 19 ft.

Value \$60.00

An undivided 1/45 interest in the improvements hereinafter described. Value \$5470.71

The main working shaft of the claimant herein is situated on the Lucky Strike No.9 lode Sur.No.3453 at S.56°47'E. 689.1 ft.from Cor.No.4 and at N.28°21'W.-2722 ft.from Cor.No.2 Ajax lode of this survey.

As stated in the notes of said Sur.No.3453, the shaft was designed as a main working shaft for the development of the lodes of said Sur.No.3453 and contiguous claims owned and operated by the claimant herein, said claims are as follows: Sur.No.3453 May, Monster, Mica Point, Lucky Strike No.1, Lucky Strike No.2, Lucky Strike No.3, Lucky Strike No.4, Lucky Strike No.5 Lucky Strike No.6, Lucky Strike No.7, Lucky Strike No.8, Lucky Strike No.9, Duluth, Shattuck, London, C.& A., Babe, State, Jerome, Silver John, Silver Hobo, Kentucky, Richmond, Cobalt, Iron Rust, Black Bart, Silica, Texas, Little Gem, and Standard lodes. Sur.No.3452 Warren lode, Sur.No.1375 Nancy lode and Sur.No.1409 Anita, January, Globe, Klondyke, Van Zandt, Marion News, Tower, Manilla, Neutral Strip and Side Line lodes. A total of 44 lodes. The Ajax lode of this survey was shown on the plat and mentioned in the notes of said Sur.No.3453 but was not accredited with a proportion of the improvements as its date of location was subsequent to the major part of said improvements.

Subsequent to the date of Sur.No.3453 and pursuant to the plans of the claimant, the main working shaft was sunk from the depth of 775 ft. to a depth of approximately 1250 ft. and extensive lateral development was prosecuted on the 1200 ft. level.

From surveys made by me personally between Oct.9-1918 and Aug.9-1919 I am able to report the following work was done on the 1200ft. level.

Beginning at the shaft a crosscut runs S.39°20'W.-1650 ft. to face. At 613 ft. from the shaft in said crosscut a drift runs S.50°40'E.-410 ft. to Pt. a, 425 ft. to Pt. b and 720 ft. to face. From Pt. a a drift runs N.39°E.-210 ft. to face, and from Pt. b a drift runs S.39°W.-220 ft. to face.

From a point in the main crosscut at 780 ft. from the shaft a drift runs N.50°W.-440 ft. to face.

From a point in the main crosscut at 1309 ft. from the shaft a drift runs N.50°W.-275 ft. to Pt. c Thence N.2°40'W 65 ft. to a point. Thence N.48°14'W.-25 ft. to a point. Thence S.84°32'W.- 61 ft. to a point Thence N.53°30'W. 506 ft. to face of drift. and from Pt. c a drift runs S.39°W.-210 ft. to face.

From the point in the main crosscut at 1309 ft. from the shaft a drift runs S.50°E.-210 ft. to face. also beginning at the shaft a drift runs N.40°E.- 800 ft. to face. All drifts and crosscuts are 5 x 7 ft.

Total of drifts and crosscuts 5392 ft.

It is claimed that inasmuch as this claim is surrounded by property of the claimant and that it is an integral part of its holdings, and that a large sum of money has been spent in extensive developments at great depth, that therefore this lode is entitled to credit for its proportionate part of the expenditure in this improvement.

Value of 775 ft. of shaft reported	
in Sur.No.3453.....	\$103532
Value of additional depth to 1250ft...	61770
Value of 5392 ft. of drifts and crosscuts	80880
Total	\$246182
Value of 1/45 interest	\$5470.71

Other Improvements

None

## Instrument

This survey was made with a C.L.Berger & Sons transit.

The courses were deflected from the true meridian as determined by direct solar observations. Distances were measured with steel tapes.

## Report

The lines of this survey were run directly upon the ground. The tie to W.  $\frac{1}{4}$  Cor. Sec. 25 herein given was calculated thru the tie from Cor. No. 1 Babe lode, Sur. No. 3453 which said tie was checked upon the ground for course and distance.

Sur. No. 3453

London lode- Cors. Nos. 3, 4 & 5 are 3 in. iron pipes set in base of concrete, with corner designation stamped on copper plate and attached thereto.

Babe lode- Corners are 4 x 4 in. posts properly set and scribed.

Sur. No. 1409 Alice lode. Cors. Nos. 2 and 3 are iron pipes as on the London lode.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Alfred B. Colwell  
 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 \_\_\_\_\_  
 \_\_\_\_\_ Gadsden Copper Company \_\_\_\_\_  
 known as the \_\_\_\_\_ AJAX LODE \_\_\_\_\_  
 and showing the respective capacities in which they acted.

\_\_\_\_\_ James M. Sullivan \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman.*

## FINAL OATHS OF ASSISTANTS.

~~We~~, I \_\_\_\_\_ James M. Sullivan \_\_\_\_\_  
 and \_\_\_\_\_, do solemnly swear that ~~we~~ assisted \_\_\_\_\_  
Alfred B. Colwell \_\_\_\_\_, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of \_\_\_\_\_ Gadsden Copper Company \_\_\_\_\_  
 \_\_\_\_\_  
 known as the \_\_\_\_\_ AJAX 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~~ Office Cadastral Engineer, at \_\_\_\_\_ Phoenix, Arizona.

\_\_\_\_\_ *James M. Sullivan* \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Chainman.*  
 \_\_\_\_\_, *Arman.*  
 \_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this Eleventh  
 day of September, 1926

*my Commission Expires*  
*Aug 12 - 19 27*

\_\_\_\_\_ *W. H. Lyons* \_\_\_\_\_  
 \_\_\_\_\_ *Notary Public* \_\_\_\_\_

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Alfred B. Colwell, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated May 20-1926, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Gadsden Copper Company, known as the Ajax lode, situate in Verde Mining District, Yavapai County, Arizona, in Section 25, Township No. 16 N., Range No. 2 E.C. & S.R.B. & M., and designated as Survey No. 4013, 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 Office Cadastral Engineer with said instructions, and that all 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.

Alfred B. Colwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Alfred B. Colwell
U. S. Mineral Surveyor, before me a Notary Public
this 11th
day of September, 1926

my Commission Expires August 12-1927
JH Lyons
Notary Public

4-688

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

## Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,  
PUBLIC SURVEY OFFICE,

Phoenix, Arizona,

September 21, 19 26

I, U. S. Surveyor-General for Office Cadastral Engineer

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Gadsden Copper Companyknown as the AJAX lodesituate in VerdeMining District, Yavapai County, Arizonain Section 25, Township No. 16 N., Range No. 2 E., anddesignated as Survey No. 4013, 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 or for upon said mining claim by claimant or its grantors, and that said improvements consist of 1 cut and 5 shafts, value \$320, and an undivided 1-45th interest in the value of the main working shaft on the Lucky Strike No. 9 lode, Sur. No. 3453, value \$5470.71, total \$5790.71

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.

John D. Adams

Office Cadastral Engineer.

United States Surveyor-General for



CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

DEPARTMENT OF THE INTERIOR PUBLIC SURVEY OFFICE

At Phoenix, Arizona.

September 21, 1926

I, Office Cadastral Engineer at Phoenix, Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

Gadsden Copper Company,

known as the

AJAX lode

situate in Verde mining district,

Yavapai County, Arizona

in Section 25, Township No. 16 N., Range No. 2 E.

designated as Survey No. 4013

executed by Alfred B. Colwell, U. S. Mineral

Surveyor, September 4 - 6, 1926, under my instructions dated

May 20, 1926, 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.

Handwritten signature of John D. Claus and typed name Office Cadastral Engineer, Phoenix, Arizona.