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MINERAL SURVEY No. 3 6 1 3

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Arizona Binghamton Copper Company

KNOWN AS THE

France and England lodes.

Agua Fria Mining District,

Yavapai County, Arizona

unapproved  
Sections 6 and 31 unapproved Townships 12 N. and 13 N. Range 2E.G. & S.R.B. & M.

Surveyed under instructions dated August 11, 1919

by Alfred B. Colwell

U. S. Mineral Surveyor.

Claim located *see location notices*  
~~November 12~~, 1917

Survey commenced September 1, 1919

Survey completed September 6, 1919

Address of claimant Anderson & Ellis Attys.  
Prescott, Arizona

DATES OF AMENDED LOCATIONS.

Mineral Survey No.3613

Feet	France lode.
	Beginning at Cor.No.1
	Identical with Cor.No.1 England lode of this survey.
	A schist rock 4 x 8 x 20 ins.set 1 ft.in the ground, chiseled + at exact corner point and F <del>1</del> <sup>1</sup> , E <del>1</del> <sup>1</sup> , 3613 with mound of rock alongside
	Whence
	Angle Point on Third Standard Parallel North between correction corner Sec.1 and 6 T.12 N.Rs land 2E.and Standard corner T.13 N.R's land 2 E. bears S.66°58'50"W. 918.88 ft.
	No other bearings available.
	Thence N.15°36'E.
1460.20	To Cor.No.2
	A schist rock 4 x 16 x 22 ins.set 16ins.in the ground, chiseled F, <del>2</del> <sup>3613</sup> and + at exact corner point, mound of rock alongside.
	Whence
	No bearings are available.
	Thence S.74°24'E.
300.00	To the North end center
	A schist rock 5 x 12x19 ins.set 1 ft.in the ground, chiseled + at exact center point and E.C.F. <del>1316</del> <sup>3613</sup> with mound of stone alongside.
461.60	Intersect line 3-4 Sur.No.2958 Pride of Yavapai lode, claimant unknown, at N.16°36'W. 787.62 ft.from Cor.No.4
600.00	To Cor.No.3
	A schist rock 6x8 x 21 ins.set 1 ft.in the ground chiseled + at exact corner point and F <del>3</del> <sup>3613</sup> with mound of rock alongside
	Whence
	Cor.No.4 Sur.No.2958 Pride of Yavapai lode bears S.7°17'E. 723.41 ft.
	A ledge of rock in place, 6ft.high chiseled + and B.R.F, <del>3</del> <sup>3613</sup> bears S.37°W. 10.4 ft.
	Thence S.15°36'W.
219.78	Intersect line 3-4 Sur.No.2958 Pride of Yavapai lode at N.16°36'W. 527.89 ft.from Cor.No.4
867.27	Intersect line 4-1 Sur.No.1694 Copper Rmin lode, claimant herein at N.72°46'E. 25.76 ft.from Cor.No.1
920.28	Intersect line 1-2 Sur.No.1694 Copper Ruin lode at S.13° 25 ' E.44.63 Ft.from Cor.No.1



## Mineral Survey No. 3613

Feet 1019.47	Cor.No.2 Sur.No.3518 Copper Ruin Fraction lode, claimant herein.
1460.20	To Cor.No.4 Identical with Cor.No.2 England lode of this survey, Cor.No. 1 Sur.No.3518 Copper Ruin Fraction lode and Cor.No.5 Sur. No.3421 Tennessee lode claimant herein. A schist rock $3\frac{1}{2} \times 14 \times 20$ ins. set 1 ft. in the ground, chiseled + at exact corner point and C.R.F.1-3518, T.5-3421 In contact with rock corner I set a 4 x 6 in. post $3\frac{1}{2}$ ft. long, scribed F4, E2-3613 Whence Cor.No.1 Sur.No.1694 Copper Ruin lode bears N.13°27'30"E 579.36 ft. No other bearings available. Thence N.74°24'W.
300.00	To South End Center Identical with North end center England lode of this survey A mound of Rock. the place of beginning. England lode. Beginning at Cor.No.1 Identical with Cor.No.1 France lode of this survey previously described Whence Angle Point on Third Standard Parallel North between rection corner Secs.1 and 6 T.12N Rs.1 and 2 E. and Standard Corner T.13 N., Rs 1 and 2 E. bears S.66°58'50"W. -918.88ft. Thence S.74°24'E.
600.00	To Cor.No.1
300.00	To North End Center Identical with South end center France lode of this survey previously described.
600.00	To Cor.No.2 Identical with Cor.No.4 France lode of this survey, Cor.No.1 Sur.No.3518 Copper Ruin Fraction lode and Cor.No.5 Sur.No. 3421 Tennessee lode, previously described. Thence S.4°08'E.
197.50	Intersect the Third Standard Parallel North at N.89°57'40"E. -1437.83 ft. from Angle Point and S.89°57'40"W. -1137.03 ft. from the S. $\frac{1}{4}$ Cor. Sec. 31 unsurveyed T.13 N. R. 2 E. G. and S.R.B. and M.



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Feet

1376.96 To Cor.No.3  
 Identical with Cor.No.4 Sur.No.3421 Tennessee lode, Cor.No. 6 Sur.No.3421 Illinous lode and Cor.No.3 Sur.No.3517 Belgium lode, claimant herein  
 A schist rock 5 x 12 ins. 10 ins. above ground, chiseled + at exact corner point and <sup>I<sub>6</sub></sup> T4-3421, B3-3517, Alongside I set 4 x 6 in. post 3½ ft. long, scribed E3-3613 Whence  
 No bearings are available.

Thence N. 74° 24' W.

306.60 To South End Center  
 Identical with North end center Sur.No.3517 Belgium lode.  
 A mound of stone.

591.65 To Cor.No.4  
 Identical with Cor.No.4 Sur.No.3517 Belgium lode.  
 A schist rock 3½ x 19 x 30 ins. set 19 ins in the ground chiseled + at exact corner point and B4-3517, E4-3613 with mound of rock alongside. Whence  
 No bearings are available.

Thence N. 4° 27' 35" W.

1019.93 Intersect the Third Standard Parallel North at N. 89° 57' 40" E. - 873.69 ft. from the Angle Point on said line and S. 89° 57' 40" W. - 1701.17 ft. from the S. ¼ Cor. Sec. 31 T. 13 N. R. 2 E. G. & S. R. B. & M.

1379.80 To Cor.No.1

The place of beginning.

Variation at all corners 14° 30' E.

Lode lines.

As near as may be determined from present developments the lode lines of this claim run as follows from their respective discovery points: -

France lode: - N. 15° 36' E. - 1446.2 ft. and S. 15° 36' W. - 14 ft.

England lode: - S. 3° 52' 30" E. - 1366.80 ft. and N. 3° 52' 30" W. 13 ft.

Area

Total Area France lode ..... 20.113 Acres

Area in conflict with

Sur.No.1694 Copper Ruin lode.... .013 Acres

Area in conflict with

Sur.No.2958 Pride of Yavapai lode .349 "



Total Area England lode..... 17.729 Acres

The survey of this claim is identical with the respective locations.

Location.

(Unapproved)

This claim is situated in the N.W. 1/4 Sec.6 T.12 N.R.2 E. and the S.W. 1/4 Sec.31/T.13 N.R.2 E. Gila and Salt River Base and Meridian.

Adjoining Claims.

On the Northeast and East.

Sur.No.2958 Pride of Yavapai, Sur.No.1694 Copper Ruin, Sur.No.3518 Copper Ruin Fraction and Sur.No.3421 Tennessee lodes.

On the South

Sur.No.3517 Belgium lode

Expenditure of Five Hundred Dollars.

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

On the France lode.

No.1 The discovery monument, identical with the South end center.

No.2 The discovery shaft, on the lode line at N.15°36'E.-14 ft. from the south end center, 4 x 6 ft. 10 ft. deep.

Value \$75

No.3 A shaft on the lode line at at 520 ft. from the south end center, 4 x 6 ft. 26 ft. deep in quartz.

Value \$300

No.4 An open cut, the south end of which bears from Cor.No.4 N.20°20'W.-400 ft. Running thence north 32 ft. 4 ft. wide 7 ft. deep

Value \$200

No.5 A cut, the mouth of which bears from Cor.No.4 North 720 ft. Running thence N.80°E.-16 ft. to 8 ft. face, 3 ft. wide.

Value \$60

No.6 A shaft which bears from Cor.No.4 N.1°30'E. 800 ft. 4 x 6 ft. 50 ft. deep

Value \$500



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No.7 An open cut, the mouth of which bears from Cor.No.4 N.1°30' W.-975 ft. Running thence North 24 ft. to face 8 ft. high, 4 ft.wide.

Value \$75

No.8 No.8 A shaft which bears from Cor.No.3 N.80°W.-290 ft. 4 x 6ft. 10 ft.deep.

Value \$50

No.9 A shaft which bears from Cor.No.4 N.19°30'W.-485 ft. 4 x 7ft. 31ft.deep.

Value \$325

No.10 A cut and tunnel the mouth of which bears from Cor.No.1 N.35°E.-<sup>325</sup>~~225~~ ft. Running thence N.85°E.-20 ft.to face of cut and mouth of tunnel, which continues in same course 264 ft. At 223 ft.from mouth of tunnel a drift runs N.17°W.-38 ft.to face.and from same point a drift runs A.12 °E-77.5 ft.to face. Tunnel and drifts 4 x 7ft.in rock

Inasmuch as these locations are contiguous, end to end and may both be developed by an extension of this tunnel, the present depth of which, about 100ft below the surface will not be materially less when extended within the line of the England lode.

Improvement No.10 that it is in fact a development for the benefit of both locations and that one half of its value may properly be credited to each lode of this survey

Value of Cut and Tunnel and drifts \$3850

One half of said value credited to ~~this~~ <sup>this</sup> lode \$1925  
On the England lode.

No.1 The discovery monument, identical with the North end center

No.2 The discovery shaft, on the lode line at S.3°52'30"E.-13 ft from the North end center, 4 x 6ft. 10ft.deep.

Value \$75

No.3 A shaft which bears from Cor.No.4 North 520 ft. 4 x 6ft. 10 ft.deep.

Value \$60

One half of ~~the value of~~ Improvement No.10 on the France lode \$1925  
*Total Value \$5570*

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. The distances



were measured with steel tapes.

Report.

The lines of this survey were run upon the ground except as follows:-The connection to Angle Point on Third Standard Parallel North and to Cor.No.1 Sur.No.1694 Copper Ruin lode were calculated through my <sup>corrected tie to</sup> Sur.No.3518 Copper Ruin Fraction lode, as per traverse enclosed.

Said Angle Point is marked by a quartz rock chiseled A.P. set in ground with mound of stone.

All corners of conflicting claims shown in this survey are rocks, properly set and marked.

Corner rocks of former surveys, with which Cor.No.4 France lode and Cor.No.3 England lode are identical, are not suitable for the inscription of additional initials and numbers, hence inscriptions were made on posts set alongside corners as described in field notes.

I have to report that my returns of Sur.No.3518 Copper Ruin Fraction lode are in error as to connections with corners of the Public Survey and should be as follows:-

Cor.No.4 Sur.No.3518 Copper Ruin Fraction lode to the S.  $\frac{1}{4}$  Cor.Sec.31 T.13 N.R.2 E. S.82°23'E.-869.98 ft.

Cor.No.1 said survey to Angle Point on Third Standard Parallel North-S.82°05'W-1437.31 ft.

Note.

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



# 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

Arizona Binghamton Copper Company

known as the France and England lodes.

and showing the respective capacities in which they acted.

C. D. Comfort, Chainman.

Chainman.

Arman.

Flagman.

## FINAL OATHS OF ASSISTANTS.

We, C. D. Comfort

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 Arizona Binghamton Copper Company

known as the France and England lodes

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

C. D. Comfort, Chainman.

Chainman.

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 6<sup>th</sup>

day of September, 1919

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 United States Surveyor General for Arizona, dated August 11-1919, 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 Arizona Binghamton Copper Company, known as the France and England lodes, situate in Agua Fria Mining District, Yavapai County, Arizona, in Sections <sup>6 and 31</sup> ~~Unsur.~~ Township No. 12 and 13 Range No. 2 E. G. & S. R. B. & M. and designated as Survey No. 3613, 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.

*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 in and for County of Yavapai, State of Arizona this 23rd day of September, 1919

My Commission Expires May 4, 1921

*Rowarren*  
Notary Public





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

## Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona

April 17, 1920, 191

I, U. S. Surveyor-General for Arizona

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

known as the FRANCE and ENGLAND Lodes.

situate in Agua Fria

Mining District, Yavapai County, Arizona

in Section s 6 unapp'd and 31 unsur. Township No. 12 and 13 N., Range No. 2 E. G. &amp; S. R. B. &amp; M. and designated as Survey No. 3613

, 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

7 shafts, 4 cuts and a tunnel Value \$5570.00

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 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,

April 17, 1920, 191

I, U. S. Surveyor General for Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Arizona Binghamton Copper Company.

known as the

FRANCE and ENGLAND Lodes.

situate in Agua Fria mining district,

Yavapai

County, Arizona

in Sections 6 unapp'd and 31 unsur., Township No. 12 and 13 N., Range No. 2 E.G. & S.R.

B. & M., designated as Survey No. 3613

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

Surveyor, September 1-6, 191<sup>9</sup>, under my instructions dated

August 11, 191<sup>9</sup>, 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. 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.

*Francis J. Frost*

U. S. Surveyor General for Arizona.