

MINERAL SURVEY No. 3951

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Joe Larson and Calumet & Jerome Copper Co.

KNOWN AS THE

OHIO lode

Verde Mining District,

Yavapai County, Arizona

Section 26, Township 15 N., Range 2 E.G. S.R.B&M

Surveyed under instructions dated May 19-1924, 19

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

Claim located January 1-1905, 19

Survey commenced Oct. 26, 1924

Survey completed Nov. 7, 1924

Address of claimants Jerome, Ariz. Geo. H. Avery, Secy. - Treas. of Company.

DATES OF AMENDED LOCATIONS.

Mineral Survey No.3951

Feet	Ohio lode.
	Beginning at Cor.No.1 A greenstone rock 8 x 10 x 20 ins.set 12 ins.in the ground chiseled O-1,3951 with + at exact corner point and mound of rock alongside. Whence The S. $\frac{1}{4}$ Cor.Sec.26 T.16 N.R.2 E.G.& S.R.B.& M.bears S.34°34'E.- 903.00 ft. Cor.No.2-3 Hidden Spring and Florence lodes Sur.No.3925 claimant unknown, bears S.82°23'W.- 223.20 ft. A corner of the location bears S.45°E.-85 ft. A ledge of rock 3 x 5 x 8ft.chiseled P.+R.O-1,3951 bears S.39°40'E.- 31.8 ft. Thence S.44°40'W.
96.93	Intersect the common line 1-2 Hidden Spring lode and 3-4 Florence lode Sur.No.3925 at S.75°33'E.- 157.85 ft. from Cor.No.2-3 of said lodes.
271.70	S.E.End Center, A monument of rock
531.70	To Cor.No.2 Identical with Cor.No.2 Sur.No.1413 103 lode,claimant unknown,and with a corner of the location. A circular concrete monument 12ins.dia.10 ins.above ground,with pipe at center and chiseled O-2,3951 Whence A 4 x 6 in.post 18 ins.above ground,set in concrete and rock base, bears N.2°30'E.- 3.05 ft. Thence N.44°57'W.
152.20	Intersect line 2-3 Sur.No.3925 Florence lode at S.47°13'W 354.7 ft.from Cor.No.3
1080	Center Mescal Gulch, course Easterly.
1353.40	Intersect line 1-2 Sur.No.3925 Fools lode at S.71°16'E. 102.18 ft.from Cor.No.2
1396.19	Intersect line 3-5 Sur.No.870 Venture No.1 South lode, claimant unknown,at S.38°0'W.- 293.57 ft.from Cor.No.5
1430.27	To Cor.No.3 On line 1-2 Sur.No.1413 103 lode. A greenstone rock 8 x 18 x 28 ins.set 18 ins.in the ground,chiseled + at exact corner point and O-3,3951 with mound of rock alongside. Whence

Mineral Survey No.3951

Feet	
	Cor.No.2 Sur.No.3925 Fools lode bears S.63°01'W.- 47.62ft A corner of the location bears N.45°W.- 62 ft. A boulder 3 x 3 x 5ft.chiseled B.+ R.0-3,3951 bears N.55°E.-4.7 ft.
	Thence N.44°40'E.
200	Road 12 ft.wide running Easterly and Westerly
260.00	N.W.End Center, A monument of rock.
291.36	Cor.No.5 Sur.No.870 Venture No.1 South lode,and intersect line 2-3 Sur.No.3925 Fools lode at N.47°13'E.-336.9 ft. from Cor.No.2 and line 1-2 Sur.No.2910 Calumet lode, claimant unknown,at N.45°42'W.-154.66 ft.from Cor.No.2
544.12	Intersect line 2-3 Sur.No.2910 Bald Eagle lode at N.82°49'E.- 74.54 ft.from Cor.No.2
560.00	To Cor.No.4 A greenstone rock 6 x 18 x 30 ins.set 6 ins.in ground and surrounded by base of rocks, chiseled + at exact corner point and O-4,3951 with mound of rocks alongside.
	Whence
	Cor.No.2 Sur.No.2910 Bald Eagle lode bears S.76°23'W.- 87.59 ft. A corner of the location bears N.29°30'E.-30 ft. A ledge of rock in place 3 x 4 ft.chiseled B.+ R. 0-4, 3951 bears N.17°E. 3.1 ft.
	Thence S.43°49'E.
11.95	Intersect line 2-3 Sur.No.3925 Fools lode at N.47°13'E. 605.5 ft.from Cor.No.2 and ³⁹ .41 ft.from its intersection with line 2-3 Sur.No.2910 Bald Eagle lode.
12.23	Intersect line 2-3 Sur.No.2910 Bald Eagle lode at N.82°49'E.-94.34 ft.from Cor.No.2 and .48 ft.from its intersection with line 2-3 Sur.No.3925 Fools lode.
163.46	Intersect line 2-3 Sur.No.2910 Calumet lode at N.46°34'E. 263.47 ft.from Cor.No.2
180	Road,12 ft ^N wide, Easterly and ^S Westerly.
800	Center Mescal Gulch, course Easterly.
1166.43	Intersect line 1-2 Sur.No.3925 Fools lode at S.71°16'E. 1313.19 ft.from Cor.No.2

Feet
 1302.31 Intersect line 2-3 Sur.No.3925 Hidden Spring lode at
 N.47°13'E.- 179.95 ft.from Cor.No.2

1430.75 To Cor.No.1. The place of beginning.

Variation at all corners 14°30'E.

Lode line

The lode line runs N.44°57'W.-20 ft. and S.44°57'E.1410.27
 ft.from the discovery point at the mouth of the discovery
 cut, to the respective end centers.

Area

Total area Ohio lode 17.922 Acres

Area in conflict with

Sur.No.870 Venture No.1 South lode .114 A.

Sur.No.2910 Bald Eagle lode..... .002

Sur.No.2910 Calumet lode974

Sur.No.2910 Calumet lode
 Exclusive of its conflict with
 Sur.No.2910 Bald Eagle lode969

Sur.No.3925 Fools lode 7.932

Sur.No.3925 Fools lode
 Exclusive of its conflict with
 Sur.No.870 Venture No.1South lode. 7.818

Sur.No.3925 Fools lode
 Exclusive of its conflict with
 Sur.No.2910 Bald Eagle lode. 7.932

Sur.No.3925 Fools lode
 Exclusive of its conflict with
 Sur.No.2910 Calumet lode 6.998

Sur.No.3925 Florence lode 1.299

Sur.No.3925 Hidden Spring lode417

Location

This claim is situated in the S.W.¼ Sec.26 T.16 N.R.2 E.
 Gila and Salt River Base and Meridian and within the
 Prescott National Forest

Adjoining Claims

On the North
 Sur.No.870 Venture No.1 South lode, Sur.No.2910 Bald Eagle
 and Calumet lodes, and Sur.No.3925 Fools lode.

On the East
 Sur.No.3925 Fools and Hidden Spring lodes

On the South
 Sur.No.3925 Florence lode

On the West
 Sur.No.1413 103 lode.

Expenditure of Five Hundred Dollars.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants or their grantors, is not less than five hundred dollars and consist of

No.1 The discovery cut and tunnel, The mouth of cut is on the lode line at 20 ft. from the N.W. end center, Running thence N.30°W.-8.5 ft. to 10 ft. face whence tunnel 4 x 6 ft. runs N.30°W.- 8 ft. to face.

Value of Cut and Tunnel \$150

No.2 A cut and Tunnel, the mouth of cut bears from Cor.No.3 N.58°15'E.- 258 ft. Running thence N.30°W.-13 ft. to 10 ft. face of cut, whence tunnel runs N.47°W.- 43 ft. to face 6 ft. high, 4 ft. wide.

Value of Cut and Tunnel \$500

No.3 A cut, the mouth of which is on the lode line at 102 ft, from the N.W. end center. Running thence N.35°W.- 18 ft. to face 8ft. high, 4 ft. wide.

Value \$50

No.4 A tunnel the mouth of which bears from Cor.No.3 S.46°E.- 290 ft. Running thence North not less than 60 ft. 4 x 6 ft. in hard rock

Value of 60 ft. \$900

No.5 A shaft on the lode line at 315 ft. from the N.W. end center, 4 x 6 ft. 6 ft. deep.

Value \$50

Other Improvements

None

Instrument

This survey was made with a C.L. Berger 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 and connections to Sec. Cor. and conflicting claims were run upon the ground.

The S. $\frac{1}{4}$ Cor. Sec. 26 tied to herein, is a 1 in. iron pipe with bronze cap, properly set and marked.

Sur. No. 870 Venture No. 1 South lode.

Cors. Nos. 2, 3 and 5 The original stone corners have been replaced by conical concrete monoliths with iron pipe in center. Cor. No. 4 is a large slab of rock 18 x 24 ins. x 5 ft. partly bedded in ground with no + discernable. It is in approximately its original position but not sufficiently definite to warrant tying to in this survey.

Sur. No. 1413 103 lode. Cors. Nos. 1 and 2 are concrete monuments replacing original stone corners. None of the concrete monuments tied to herein are marked, in most cases the original stone corner is lying alongside.

Sur. No. 2910 Bald Eagle lode.

Cor. No. 2 is a + and B.E.-2910 chiseled on ledge of rock in place. Cor. No. 3 is a stone set in ground properly marked.

Sur. No. 2910 Calumet lode.

All corners are stones set in ground properly marked.

Sur. No. 3925 Fools lode.

Cor. No. 3 is a + chiseled on ledge of rock in place. The remaining corners are stones set in ground properly marked.

The tunnel described under Improvement No. 4 is said to be more than 100 ft. long, but as there was considerable standing water in it, I measured only 60 ft.

Note

Discrepancies between these field notes and the location certificate 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 _____
Joe Larson and Calumet & Jerome Copper Co.
 known as the Ohio lode
 and showing the respective capacities in which they acted.

_____O.P. Engelder_____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

~~We~~, I O.P. Engelder
 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 Joe Larson and Calumet & Jerome Copper
Co.
 known as the Ohio 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

_____O.P. Engelder_____, *Chainman.*
 _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 8th

day of November, 1924

My Commission expires Feb. 9, 1928

_____Charles B. Jones_____
 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
May 19-1924, 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 Joe Larson and Calumet & Jerome Copper Co.
, known as the
Ohio lode,
situate in Verde Mining District,
Yavapai County, Arizona, in Section
26, Township No. 16 N., Range No. 2 E.G. & S.R.B. & M.,
and designated as Survey No. 3951, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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 claimants 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.

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 10th
day of November, 1924

Robert Porter
Notary Public

My Commission Expires Feb. 25, 1928

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

April 15, 19 25

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

Joe Larson and Calumet & Jerome Copper Co.

known as the OHIO lode

situate in Verde

Mining District, Yavapai County, Arizona

in Section 26, Township No. 16 N, Range No. 2 E, and

designated as Survey No. 3951, 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 3 cuts, 3 tunnels, and 1 shaft, total value \$1650.

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

April 15, 1925

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

Joe Larson and Calumet & Jerome Copper Co.

, known as the

OHIO lode

situate in Verde mining district,

Yavapai County, Arizona

in Section s. 26, Township No. 16 N, Range No. 2 E.

, designated as Survey No. 3951

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

Surveyor, October 26 - November 7, 1924, under my instructions dated

May 19, 1924, 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. Douglas

U. S. Surveyor General for Arizona