

MINERAL SURVEY No. 3989

ARIZONA.

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

LELAN GOLD and COPPER COMPANY

KNOWN AS THE

VIDETTE and BETTIE lodes

BIG BUG

Mining District,

YAVAPAI

County,

ARIZONA.

Section 25 and 30 } unsur, Township s 13 N., Range s 1 E. 12. unsur. respectively

Surveyed under instructions dated Aug. 3 and 11, 1925

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located SEE LOCATION NOTICES., 19

Survey commenced Aug. 5, 1925

Survey completed Aug. 12, 1925., 19

Address of claimant E.W. Wells, Attorney in Fact.

Prescott Arizona.

DATES OF AMENDED LOCATIONS.

~~Aug. 6th, 1925.~~

MINERAL SURVEY NO. 3989

VIDETTE LODGE.

Beginning at Cor. No.1, situated on line
First Extension of the
2-3/ Dividend ~~XXXX~~ lode Lot No. 40, S.18°-59'E. 300.0

feet from Cor. No.3, a granite stone 6x12x26 inches long
set twelve inches in the ground with a substantial mound
of stone alongside; chiseled V 1 3989 with cross on top
for exact corner point, whence,

A granite rock in place 2x2x3 feet exposed and chi-
seled BxR V 1 3989 brs. N.70°-47'W. 21.0 ft.

The south 1/4 cor sec.36 T.13 N.R.1 W of the Gila
and Salt River Base and Meridian brs. S.1°-53'W. 5477.3
feet.

The center of a shaft brs. N.51°-34'E. 115 ft.

The center of a shaft brs. N.79°-04'E. 315 ft.

Thence N.18°-59'W.

205.55 Intersect line 1-2 Aladin lode Sur. No. 1949, S.71°-15'W.
2.90 feet from Cor. No.1.

300.0 TO COR. NO.2, identical with Cor. No. 3/ Dividend ~~XXXX~~
lode Lot No.40, Cor.No. 6 Lelan lode Sur.No. 1522, and
SOUTH WEST CENTER End of this lode, a granite stone
4x14x0.2 feet exposed with a substantial mound of stone
alongside; chiseled R D L 40; L No 6 1522; V 2 3989 with
cross on top for exact corner point, whence,

The north fork, 14 inches ~~xxxxxx~~ in diameter, of a
Juniper tree situated in a mine dump and scribed BxT V 2
3989 brs. N.75°-52'E. 126.35 ft. (A blaze on this fork
on same course from Cor.No.2
about 3.5 feet below/has so decayed that scribings if
any cannot be identified.)

The center of a blaze on the west fork, 10 inches
in diameter, of a juniper tree situated in mine dump,
and scribed R D L III, brs. N.75°-17'E. 124.95 ft.

Cor.No.5 Lelan lode Sur.No. 1522 brs. N.71°-54'E.
173.2 ft. Cor. No.1 said lode brs. S.18°03'E. 95.4 ft.

The northeast corner of timbering being the inside

2

angle corner on the footwall of the Lelan Shaft, brs.
S.72°-46'W. 76.6 ft.

The Northwest corner of timbering, being the inside
angle corner on the footwall of the Dividend Shaft, brs.
N.. 78°-52'E. 120.3 ft.

First Extension of the
Cor.No.4/Dividend ~~xxxx~~ lode Lot No. 40, brs. N.71°-30'
E. 1490.0 ft.

Thence N.3°-57'-30"E

340.3 TO COR. NO. 3, situated on line 4-5 Lelan lode Sur.No.
1522 N.26°-18'W. 318.7 ft from Cor. No.5, a granite stone
8x12x24 inches long set twelve inches in the ground with
a substantial mound of stone alongside; chiseled V 3 3989
with cross on top for exact corner point, whence,

A granite boulder 3x5x2 feet exposed and chiseled
BxR V 3 3989 brs. S. 27°-08'E. 7.0 ft.

Thence N. 75°-35'E.

1.4 Intersect line 2-3 Ticonderoga lode Lot No.45 N.26°-52'W.
299.9 ft. from Cor. No.3.

1363.2 TO COR. NO.4, identical with Cor. No. 2 Bettie lode of this
survey, a granite stone 6x8x24 inches long set twelve
inches in the ground with a substantial mound of stone
alongside; chiseled V 4 B 2 3989 with cross on top for
exact corner point, whence,

First Extension of the
Cor.No.4/Dividend ~~xxxx~~ lode lot No.40, identical with
Cor.No. 1 Dividend lode Lot No.39 brs. S.18°-32'E. 217.5 f
ft.

Cor.No.4 Ticonderoga lode Lot No.45, brs. N.73°-58'E.
71.5 ft.

Thence S.18°-59'E.
13.2 Intersect line 3-4 Ticonderoga.lode Lot No.45 N.63°-25'E.
1328.6 ft. from Cor. No.3.

65.0 NORTHEAST CENTER END, identical with southwest center end

Bettie lode of this survey, a mound of stone.
165.0 Cross Dividend Gulch, flows northeasterly.

217.5 Intersect line 1-2 Dividend Lode lot No139 N.71°-32'E.

1.7 feet from Cor. No.1

365.0 TO COR. NO. 5, identical with Cor. No. 1 Bettie lode of
this survey, a granite stone 6x8x28 inches long set
twelve inches in the ground with a substantial mound of

Stone alongside; chiseled V 5' B 1 3989 with cross on top for exact corner point, whence,

A granite rock in place 3x3x3 feet exposed and chiseled BxR B 1 3989 brs. N.15°-03'E 19.5 feet.

Thence S.65°-40'W.

First Extension of the

3.9 Intersect line 1-4 Dividend ~~lode~~ lode Lot No.40, identical with line 4-1 Dividend lode Lot No.39 S.18°-09'E. 147.9 feet. from Cor Nos. 4 and 1 respectively.

1496.8 Intersect line 1-4 Aladin lode Sur.No. 1949, S.18°-32'E. 205.4 feet. from Cor. No.1

1498.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations except where otherwise mentioned. Variation at all corners 15°E.

BETTIE LODE.

Beginning at Cor. No.1, identical with Cor.No.5 Vidette lode of this survey previously described, whence

The south 1/4 cor. sec. 36 T.13.N.R.1 W brs. S.14°-13'-45"W. 6284.4 feet.

Thence N.18°-59'W.

147.5 Intersect line 1-2 Dividend lode Lot No.39 S.71°-32'W.

1488.8 ft. from Cor. No.2.

200.0 Cross Dividend Gulch, flows northeasterly.

300.0 SOUTHWEST CENTER END, identical with Northeast center end Vidette lode of this survey, a mound of stone.

351.8 Intersect line 3-4 Ticonderoga lode Lot. No.45, S.63°-25' W. 71.9 feet from Cor. No.4.

365.0 TO COR. NO.2, identical with Cor. No.4 Vidette lode of this survey, previously described.

Thence N.73°-58'E.

71.5 Cor.No.4 Ticonderoga lode Lot No.45.

820.0 Cross Ticonderoga Gulch, flows southeasterly.

1164.3 Intersect line 4-1 Independence lode Lot No.38. N.22°-29'W. 37.7 feet from Cor. No.4.

1458.1 Cor.No.1 Columbia lode Sur.No. 1878 and NORTH EAST CENTER End,

1490.3 TO COR. NO.3, a granite stone 6x12x24 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B 3 3989 with cross on top

for exact corner point, situated on line 3-4 Independence lode Lot No.41, N.67°-20'E. 323.9 ft. from Cor.No.4. and

4

31.46 ft. from its intersection with line 1-4 Columbia lode Sur.No. 1878, whence,
A granite rock in place 3x1x1 foot exposed and chiseled BxR B 3 3989 brs. N.55°-48'E. 10.3 feet.

Thence S.18°-59'E.

152.5 Intersect line 1-4 Columbia lode Sur.No.1878, S.30°-46'E.

157.5 feet from Cor. No.1 & 153.74 ft. from its intersection with line 3-4 Independence lode Lot No. 38.

154.26 Intersect line 1-2 Dividend lode Lot No.39 S.71°-32'W.

162.0 Cross Ticonderoga Gulch, flows easterly.

179.54 Intersect line 2-3 Dividend lode Lot No.39, S.18°-09'E.

25.28 from Cor. No.2.

299.9 TO COR. NO. 4, a granite stone 6x8x26 inches long set twelve inches in the ground with a substantial mound of stone alongside; chiseled B 4 3989 with cross on top for exact corner point,whence,

A granite rock in place 6x4x4 feet exposed and chiseled BxR B4 3989,C 4 1878 brs. S.12-19'E.26.7 ft.

Thence S.71°-27'W.

1575 Intersect line 2-3 Dividend lode Lot No.39, S.18--09'E.

145.58 feet from Cor. No.2

1488.4 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°E.

LODE LINES

As near as can be determined from the present developments, the veins on these lodes extend as follows from their discoveries;

Vidette lode

N.65°-40'E. 280 ft and S.65°-40'W. 1218.0 ft.

Bettie lode

N.71°-27'E. 918.4 and S.71°-27'W. 570.0 ft.

AREAS

BETTIE LODE

	Acres	Acres
Total area	-----	11.359

Area in conflict with

Dividend lode Lot No.39	5.006
Columbia lode Sur.No.1878	0.056

	Acres	Acres
Ticonderoga lode Lot No.45 - - - -	0.011 ^x	
Independence lode Lot No.38 - - - -	0.140 ^v	
Independence lode Lot No.38, exclu- sive of its conflict with Columbia lode Sur.No.1878 - - - - -	0.139	

VIDETTE LODE

Total area - - - - -	-16.438 ^x
Area in conflict with	
Dividend lode lot No.39 - - - -	0.009 ^x
Ticonderoga lode lot No.45 - - - -	4.779 ^x
First Extension of the Dividend lode Lot No.40 - - - - -	7.652
Lelan lode Sur.No.1522	0.627
Lelan lode Sur.No.1522, exclusive of its conflict with First Extension of the Dividend lode lot No.40 - - - - -	0.625 ^x
Aladin lode Sur.No.1949 - - - - -	0.010
Aladin lode Sur.No.1949 exclusive of its conflict with First Extension of the Dividend lode lot No.40 - - - - -	0.000

LOCATION

This survey is located in Section 25 Unsurveyed T.13 N.R.1 W. and Section 30 unsurveyed T.13 N.R.1 E. of the Gila and Salt River Base and Meridian, partly within the Prescott National Forest, Big Bug Mining Mining District, Yavapai County, State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improvements made upon or for the benefit of the lodes embraced in this survey, by the claimant or its grantors is not less than five hundred dollars, and that said improvements consist of;

Vidette lode

No.1 Discovery cut and shaft, the center of shaft brs. S.65°-40'W. 280 feet from the northeast center end, cut 4x17x6 foot face, ^{brs. S.E. to mouth.} shaft 4x6x15 feet deep, ~~brs N.W.~~

Value cut	75.00
shaft	\$125.00

No.2 a shaft ~~4x6x80~~ of the center of which brs. S.65°-40'W. 245 feet form the northeast center end, 4x6x80 feet deep. Drift southwest 4x6x20 ft. Crosscut southeast 4x6x10 ft.

Value shaft	\$800.00
Drift and cross-cut	30.00

To be accredited to this lode is an equal undivided 1/2 interest in the above Improvement No.2

Value \$415.00

No.3, a shaft, the center of which brs. N.78°-30'W. 495 feet from Cor. No.5, 4x6x15 feet deep.

Value \$150.00

No.4, a shaft, the center of which brs. S.89°-50'W. 655 feet from Cor. No.5, 4x6x12 feet deep.

Value \$120.00

BETTIE Lode

No.1 Discovery shaft, the center of which brs. S.71°-27'W. 918.4 feet from the northeast center end, 4x6x30 feet deep. (caved)

Value \$300.00

No.2 a shaft, the center of which brs. S.71°-27'W. 900 feet from the northeast center end, 4x6x10 feet deep.

Value \$100.00

To be accredited to this lode is an equal undivided 1/2 interest in Improvement No.2 Vidette lode of this survey.

Value \$415.00

COMMON IMPROVEMENTS

Improvement No.2 Vidette lode is the main working shaft on this survey. It has been sunk to a depth of 80 feet and drifts and cross-cut started southwesterly and southeasterly to develop the veins. Both lodes of this survey can easily and economically be developed from this shaft. I consider the shaft and its workings a common improvement and of such a nature as to redound to the benefit of the Bettie and Vidette lodes of this survey.

Total value of Improvement No.2 Vidette lode as described above \$830.00

To be accredited to each claim of this survey is an equal undivided one half interest in the above mentioned improvement

Value \$415.00

OTHER IMPROVEMENTS.

The center of a shaft brs. N. 51°-34'E. 115 ft. from Cor. No. 1 Vidette lode

The Northwest Cor. Dividend shaft brs. N. 78°-52'E. 120.3 feet from Cor. No. 2 Vidette lode.

ADJOINING CLAIMS.

This survey is bounded on the east by the Columbia lode Sur. No. 1878 G.W. Hull estate and Mrs. Amy Hill, claimants, lot No. 39 on the south by the Dividend lode, and First Extension of the Dividend lode, lot No. 40, Dividend Consolidated Mining Company claimant, on the west by the Aladin Lode Sur. No. 1949, and Lelan lode Sur. No. 1522, Lelan Gold and Copper Company, claimant, and on the north by the Ticonderoga lode Lot No. 45 Dividend Consolidated Mining Company claimant, the Paymaster lode unsurveyed and Independence lode Lot No. 38, Union Central Mining Company, claimant.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit No. 9-9503. The courses were deflected from the true meridian as determined by solar observations, both direct and with Saegmuller Attachment. The distances were measured with a 500 foot steel tape.

REPORT

The south 1/4 corner Sec. 36 T. 13 N. R. 1 W is a pipe with metal cap properly marked as described in the field notes of the survey.

Survey No. 1522, Lelan lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey. I do not agree with the courses and distances of lines of this survey.

Survey No. 1878, Columbia lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey. I do not agree with the courses of lines of this survey.

Lot No.38, Independence lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and initial of the claim. I do not agree with the courses of this survey.

Lot No.39, Dividend lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and initial of the claim. I do not agree with the courses and distances of the lines of this survey.

Lot No.40, First Extension of the Dividend lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and initial of the claim. I do not agree with the courses and distances of the lines of this survey.

Lot No.45, Ticonderoga lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and initial of the lode. Corners No.3 and 4 are missing, but I was able to re-establish the point for corner from fallings as determined by ties as reported in the survey. I do not agree with the courses and distances of lines of this survey.

Survey No. 1949, Aladin lode.

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey. Cor.No.1 and 2 are missing but I was able to determined the point for corner from fallings as determined by ties as reported in the survey. I do not agree with the courses and distances of lines of this survey.

The discrepancies found existing between the claim as marked by the location ~~notices~~ monuments and as described in the locztion notices are due to errors in the location notices.

The discrepancies between the lines of this survey

and prior approved surveys are due to errors in the latter.

Owing to the fact that a Notary Public was not available, and to avoid delays and expense to obtain an acknowledgment of my assistants in filling out "Final Oath for Surveys", I took the acknowledgments of my assistants.

William Waasa
~~U.S. MINERAL SURVEYOR~~

~~REPORT CONTINUED~~

A large cross chiseled on a prominent ledge of granite cropping, 12 feet high, 30 ft long and 6 ft high, situated on a low ridge between Ticonderoga and Dividend Gulches and overlooking Dividend Gulch, brs. N.64°-57'E. 759.4 ft. from Cor .No.1 Dividend lode Lot No. 39. I do not agree with the course and distance of the tie as originally reported in the prior survey.

William Waasa
~~U.S. MINERAL SURVEYOR~~

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by J. William Waara
 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 _____
Lelan Gold and Copper Company
 known as the Vidette and Bettie lodes
 and showing the respective capacities in which they acted.

Zeno H. Gamel _____, *Chainman.*
V. B. Crase _____, *Chainman.*
Temp Gamel _____, *Asman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, Zeno H. Gamel ~~and~~ V. B. Crase
and Temp Gamel _____, do solemnly swear that we assisted J. William
Waara _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of the Lelan Gold and Copper Company
 known as the Vidette and Bettie 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 Office Cadastral Engineer at Phoenix,
United States Surveyor General for Arizona.

Zeno H. Gamel _____, *Chainman.*
V. B. Crase _____, *Chainman.*
Temp Gamel _____, *Asman.*
 _____, *Flagman*

Subscribed and sworn to by the above-named persons before me this 15th
 day of August _____ 1925

J. William Waara
 U.S. Mineral Surveyor

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor,
 do solemnly swear that, in pursuance of instructions received from the Office Cadastral
~~United States~~ Engineer at Phoenix
~~Surveyor-General for ARIZONA~~, dated
AUG. 3-11 1925, 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
~~Surveyor-General~~, faithfully and correctly executed the survey of the Mining
 Claim of Lelan Gold and Copper Company
 _____, known as the
Vidette and Bettie lodes
 situate in Big Bug Mining District,
Yavapai County, Arizona, in Section
25 and 30, Township Nos 13 N., Range No. 1 W and 1 E respectively
 and designated as Survey No. 3989, 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
~~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 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.

J. William Waara
 U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. William Waara
 U. S. Mineral Surveyor, before me A Notary Public
 _____ this 13th
 day of August, 19 25

E. F. Horne
 Notary Public

6-1044
 My commission expires.
Apr 26th 1927

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.

January 22, 1926.

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

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

Lelan Gold and Copper Company

known as the VIDETTE and BETTIE lodes

situate in Big Bug

Mining District Yavapai County, Arizona

in Section 25 Ungur. 30, Township No. 13 N, Range No. 1 W., and 1 E.

designated as Survey No. 3989, 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 claims by claimant or its grantors, and that said improvements consist of 6 shafts, 1 cut, 1 crosscut and 1 drift, total value \$1700.

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,

January 22, 192 6

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 _____

Lelan Gold and Copper Company

_____, known as the

VIDETTE and BETTIE lodes

situate in _____ Big Bug _____ mining district,

Yavapai _____ County, _____ Arizona

in Section 25 Unsur. _____, Township No. 30 _____, Range No. 1 W., & 1 E.

_____, designated as Survey No. 3989

executed by _____ J. William Waara _____, U. S. Mineral

Surveyor, _____ August 5 - 12 _____, 192 5 under my instructions dated

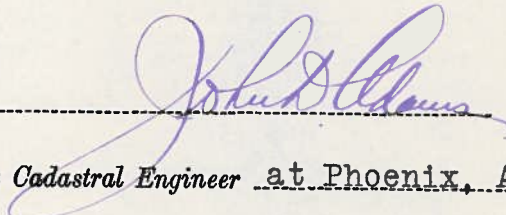
_____ August 3 and 11 _____, 1925, have been critically examined and the necessary

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.



Office Cadastral Engineer at Phoenix, Arizona.