

JUL 20 1920

4-683

MINERAL SURVEY No. 3683

1

Arizona

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Chas Mackling

KNOWN AS THE

Gold Standard, Guarantee, Omaha Mine & Chas. Davis lodes

Big Bug

Mining District,

Yavapai

County,

Arizona

Section 3, 4, 9 & 10, Township 13 N, Range 1 E

Surveyed under instructions dated June 16, 1920.

by Richard L. Merritt

U. S. Mineral Surveyor.

Claim located See location Notices, 19

Survey commenced June 30, 1920

Survey completed July 3, 1920

Address of claimant Chas Mackling, Box 564 Prescott
Arizona.

DATES OF AMENDED LOCATIONS.

See location Notices

Mineral Survey number 3683

Feet Gold Standard lode

Beginning at Cor. No. 1 identical with the location,
 a Porphyry stone 4x7x24 ins. set 12 ins. in the ground
 with a mound of stones chiselled x 1 G S 3683. Whence
 the S E Cor. to Section 10, T 13 N, R. 1 E bears S47°44'E
 6407.58 ft. No bearings available, location Cor a mound
 of stones 3x3 ft.

Thence N57°05'W Va. 14°E

300.00 To the South Center End identical with the location
 and with Cor. No. 4 Anne Louise lode survey 3682. A
 Schist 8x8x24 ins. set 12 ins. in the ground with a
 mound of stones chiselled x 4 A L 3682. Location Cor. a
 mound of stones 3x3 ft.

600.0 To Cor. No 2 identical with the location and with
 Cor. No. 1 Guarantee lode of this survey and with the
 north center end Anne Louise lode survey 3682. A Granite stone
 6x6x24 ins. set 12 ins in the ground with mound of stones
 chiselled x 2 G S, 1 G 3683. No bearings available,
 location Cor. a mound of stones 3x3 ft.

Thence N32°55'E Va. 14°E

265.0 Cross wash 20 ft. wide course N60°E

748.41 Intersect section line between sections 3 & 10, T. 13 N,
 R. 1 E at S89°53'E 427.91 ft. from the ^{point for the} N W Cor. Sec. 10.
 and N89°53'W 2215.39 ft. from the ^{point for the} $\frac{1}{4}$ Cor between sections
 3 & 10.

1100.00 Cross wash 20 ft. wide course N87°E

1500.00 To Cor. No. 3 identical with the location and with Cor.
 No. 4 Guarantee lode of this survey, a Granite Stone 12x12x24
 ins. set 12 ins. in the ground with mound of stones,
 chiselled x 3 G S, 4 G, 3683. No bearings available,
 location Cor a mound of stones 3x3 ft.

Thence S57°05'E Va. 14°E

30.0 Cross wash 10 ft. wide course S18°E

300.00 To the north center end a mound of stones 3x3 ft.
 identical with the location.

feet	
575.0	Cross wash 20 ft. wide course <i>East</i>
600.00	To Cor. No 4 identical with the location, a Schist stone 10x10x30 ins. set 15 ins. in the ground with mound of stones chiselled x 4 G S 3683. No bearings available, location Cor. a mound of stones 3x3 ft.
	Thence S32°55'W Va.14°E
364.92	Intersect section line between sections 3 & 10, T 13 N, R 1 E at S89°53'E 1141.71 ft from the ^{point for the} N. W. Cor. Sec. 10. & N89°53'W 1501.59 ft. from the ^{point for the} $\frac{1}{2}$ Cor. between secs. 3 & 10.
1500.00	To Cor. No 1 the place of beginning.
	Guarantee lode
	Beginning at Cor. No 1 identical with the location and with Cor. No 2 Gold Standard lode of this survey, hereinbefore described. Whence the S E Cor. Sec. 10, T 13 N, R 1 E bears S48°32'E 7000.30 ft.
	Thence N57°05'W Va.14°E
25.26	Intersect section line between sections 9 & 10, T 13 N, R 1 E, at South 615.40' from the ^{point for the} N W Cor. section 10 & North 2024.60 ft. from the ^{point for the} $\frac{1}{2}$ Cor. between Secs. 9 & 10.
150.0	Cross wash 20 ft wide course N63°E.
300.00	To the south center end identical with the location and with Cor. No 3 Anne Louise and Cor. No 4 Cousin Jane lodes of survey 3682, a Granite 3x8x24 ins. set 12 ins. in the ground with mound of stones chiselled x 3 A L, 4 C J, 3682. Location Cor a mound of stones 3x3 ft.
600.0	To Cor. No 2 identical with the location and with the north center end Cousin Jane lode Survey 3682, and with Cor. No 1 Chas. Davis lode of this survey, a Granite stone 8x10x24 ins. set 12 ins. in the ground with mound of stones chiselled x 2 G, 1 C D, 3683. No bearings available, location Cor. a mound of stones 3x3ft.
	Thence N32°55'E Va.14°E
361.04	Intersect section line between sections 4 & 9, T 13 N, R 1 E.

feet
 At west 286.27 ft. from the ^{point for the} NE Cor section 9 & east
 2353.73 ft. from the ^{point for the} $\frac{1}{4}$ Cor. between sections 4 & 9.
 490.0 Cross wash 20 ft. wide course East.

887.84 Intersect section line between sections 3 & 4 T 13 N,
 R 1 E. at north 442.23 ft. from the ^{point for the} SE Cor. section 4
 and south 2197.77 ft. from the ^{point for the} $\frac{1}{4}$ Cor. between Secs. 3 & 4

1500.00 To Cor. No 3 identical with the location and with Cor.
 No. 4 Chas. Davis lode of this survey, a Granite ^{stone} 4x6x24
 ins set 12 ins in the ground with mound of stones
 chiselled x 3 G, 4 C D, 3683. No bearings available,
 location Cor a mound of stones 3x3 ft.

Thence S57°05'E Va. 14°E

300.0 To the north center end, a mound of stones 3x3 ft.
 identical with the location.

600.0 To Cor. No. 4 identical with the location and with
 Cor. No 3 Gold Standard lode of this survey hereinbefore
 described.

Thence S32°55'W Va. 14°E

400.0 Cross wash 20 ft wide, course N87°E

751.59 Intersect section line between sections 3 & 10 T. 13 N,
 R 1 E at S89°53'E 427.91 ft. from the ^{point for the} NW Cor. section 10
 and N89°53'W 2215.39 ft. from the ^{point for the} $\frac{1}{4}$ Cor. between secs. 3 & 10.

1235.0 Cross wash 20 ft. wide course N60°E

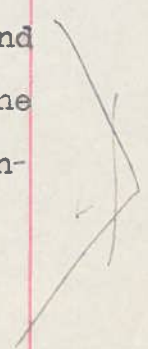
1500.0 To Cor. No 1 the place of beginning.

Chas. Davis lode

Beginning at Cor. No 1, identical with the location and
 with Cor No 2 Guarantee lode of this survey, and with the
 north center end Cousin Jane lode survey No 3682, herein-
 before described. Whence the S E Cor. section 10 T 13 N
 R 1 E bears S49°12'20"E 7596.11 ft.

Thence N57°05'W Va 14°E

300.0 To the south center end identical with the location



feet	and with Cor. No 3 Cousin Jane lode survey 3682, a Schist stone 3x8x30 ins. set 15 ins. in the ground with mound of stones chiselled x 3 C J 3682 .Location Cor. a mound of stones 3x3 ft.
557.72	Intersect section line between sections 4 & 9 T 13 N R 1 E at west 950.65 ft. ^{point for the} from the NE Cor. section 9 & ^{point for the} east 1689.35 ft. from the $\frac{1}{4}$ Cor. between secs. 4 & 9.
600.00	To Cor. No. 2 identical with the location and with Cor No 1 Omaha Mine lode of this survey, a Granite ^{stone} 5x7x 24 ins. set 12 ins. in the ground with mound of stones chiselled x 2 C D, 1-0,3683. No bearings available, location Cor. a mound of stones 3x3 ft.
	----- Thence N32°55'E Va. 14°E
1340.0	Cross wash 10 ft. wide course east.
1500.0	To Cor. No 3 identical with the location and with Cor. No 4 Omaha Mine lode of this survey, a Schist stone 6x12x24 ins. set 12 ins. in the ground with mound of stones chiselled x 3 C D, 4-0,3683. No bearings available ,location Cor a mound of stones 3x3 ft.
	----- Thence S57°05'E Va. 14°E
203.72	Intersect section line between sections 3&4 T 13 N, R 1 E, at north 1171.46 ft. from the ^{point for the} S. E Cor. section 4 & ^{point for the} South 1468.54 ft. from the $\frac{1}{4}$ Cor between sections 3 & 4.
220.0	Cross wash 10 ft. wide course east.
300.0	To the north center end a mound of stones 3x3 ft., identical with the location.
600.0	To Cor. No 4 identical with the location and with Cor. 3 Guarantee lode of this survey, hereinbefore described.
	----- Thence S32°55'W Va. 14°E
612.16	Intersect section line between sections 3 & 4 T 13 N, R 1 E at North 442.23 ft from the ^{point for the} S E Cor Section 4 & ^{point for the} south 2197.77 ft. from the $\frac{1}{4}$ Cor between sections 3 & 4.
1010.0	Cross wash 20 ft wide course east.
1138.96	Intersect section line between sections 4 & 9 T 13 N, R 1 E

Feet at west 286.27 ft from the ^{point for the} S E Cor. section 4 & east
 2353.73 ft from the ^{point for the} $\frac{1}{4}$ Cor between sections 4 & 9.
 1500.0 To Cor. No. 1 the place of beginning.

 Omaha Mine lode

Beginning at Cor No 1 identical with the location
 and with Cor No 2 Chas. Davis lode of this survey,
 hereinbefore described. Whence the S.E.Cor. section 10
 T 13 N, R 1 E, bears S49°46'54"E 8188.87 ft.

 Thence N57°05'W Va. 14°E

300.0 To the south center end identical with the location,
 a mound of stones 3x3 ft.

600.0 To Cor. No. 2 identical with the location a Schist
 stone 10x10x30 ins. set 15 ins. in the ground with
 mound of stones chiselled 2 -0,3683. No bearings available
 location Cor a mound of stones 3x3 ft.

 Thence N32°55'E Va. 14°E

1500.0 To Cor. No 3 identical with the location , a Schist
 rock in place 2x6x3 ft above ground chiselled x 3-0,3683
 No bearings available location Cor a mound of stones 3x3
 ft.

 Thence S57°05'E Va 14°E

300.00 To the north center end a mound of stones 3x3 ft.
 identical with the location.

600.00 To Cor No 4 identical with the location and with Cor
 No.3 Chas. Davis lode of this survey hereinbefore
 described.

 Thence S32°55'W Va.14°E

160.0 Cross wash 10 ft. wide course east.

1500.00 To Cor No.1 the place pf beginning.

 AREA

Total area Gold Standard lode ----- 20.661 acres

Total area Guarantee lode ----- 20.661 acres
 Total area Chas. Davis lode ----- 20.661 "
 Total area Omaha Mine lode ----- 20.661 "

LOCATION

This claim is located in sections 3,4,9,& 10 T13 N, R 1 E, G & S R B & M.

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 claim, by the claimant or his grantors is not less than five hundred dollars and said improvements consist of ;

Gold Standard lode;

No 1 the discovery shaft which is on the lode line 790.0 ft. from the N C E 4x6x10 ft value \$100.00.

No. 2 a Tunnel the mouth of which bears S48°30'W- 930.0 ft from the N.C.E. 4x6x25 ft. value \$250.00, course N35°W.

No.3 a shaft which bears from the N C E S46°30'W 1030.00 ft. 4x6x20 ft. value \$200.00

1/4 the value of shaft No 2 Guarantee lode , \$1000.0 is credited to this lode.

Total value of improvements credited to this lode \$1550.00

Guarantee lode,

No 1 the discovery tunnel, ^{the portal of} which is on the lode 760.0 ft. from the N C E. 4x6x75 ft. course S32°55'W value \$750.00

No.2 a shaft which bears S60°W-780.0 ft from Cor. No 4, 4x6x200 ft value \$4000.00, this shaft is a common improvement and 1/4 its value \$1000.0 is credited to this lode.

Total value of improvements credited to this lode \$1750.00

Chas. Davis lode,

No. 1 the discovery shaft which is on the lode

7

550 ft from the N C E, 4x6x10 ft. value \$100.00

No 2 a shaft which bears S3°50'W -753.0 from Cor.No 3.
4x6x10 ft value \$100.00

$\frac{1}{4}$ the value, \$1000.00, of shaft No 2 Guarantee lode,
a common improvement is credited to this lode.

Total value of improvements credited to this lode
\$1200.00

Omaha Mine lode;

No 1 the discovery shaft which is on the lode line
620. ft. from the N C E 4x6x10 ft. value \$100.00.

No. 2 a shaft which bears S52°50'W -720 ft. from
Cor. No 4, 4x6x10 ft. value \$100.00

$\frac{1}{4}$ the value of shaft No 2 Guarantee lode, \$1000.00,
is credited to this lode.

Total value of improvements credited to this lode
\$1200.00

LODE LINES

As near as can be determined from the present
developments the veins of the several locations
embraced in this claim extend as follows from the
respective discovery points;

Gold Standard lode, N32°55'E-790.0 ft. & S32°55'W-710.0 ft.
Guarantee lode, N32°55'E-760.0 ft. & S32°55'W 740.0 ft.
Chas. Davis lode, N32°55'E 550.0 ft & S32°55'W -950.0 ft.
Omaha Mine lode, N32°55'E -620.0 ft. & S32°55'W-890.0 ft.

ADJOINING CLAIMS

This claim is bounded on the west, north, east, by U.S.
land on the south by Cousin Jane, and Anne Louise lodes
of survey 3682, and U.S. Land.

INSTRUMENT

This survey was made with a light mountain Gurley
transit. The courses were deflected from the meridian as
determined by direct solar observations. The distances
were measured by a 500ft. & a 50ft. steel tape.

Other Improvement

S. E. Cor.

A Mill 15x25 ft course of long side N19°W bears S55°W 680.0 ft. from Cor. No. 4 Guarantee lode.

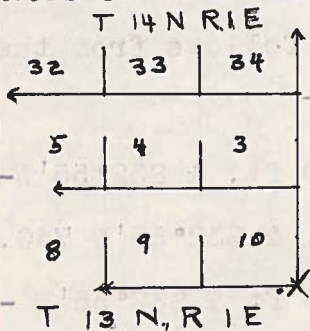
REPORT

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

The S.E. Cor. section 10, T 13 N, R 1 E, is a Granite stone 9x8x14 ins above the ground in a mound of stones, chiselled 4 notches on the south and 2 on the east.

As the S E Cor. section 10, T13 N, R 1 E, was the nearest Cor of the public survey that could be found the ties were made to this corner. The Cors. and 1/4 Cors. that determined the lines of the public survey that intersect the lines of this claim could not be found, so the official notes were used in figuring the intersections.

The following sketch shows the lines run in my search for corners of the public land survey, but with the exception of the Cor. of Secs. 10, 11, 14 and 15, from which corner search was started, I was unable to find any corners on these lines.



Richard L. Merritt
U.S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Richard L. Merritt

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 _____

Chas Mackling

known as the Gold Standard, Guarantee, Omaha Mine,
and showing the respective capacities in which they acted. & Chas Davis lodes.

H. J. Jennings, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

I, H. J. Jennings

and _____, do solemnly swear that we assisted Richard

L. Merritt, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Chas Mackling

known as the Gold Standard, Guarantee, Omaha Mine,
represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his Chas Davis lodes.

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 instructions furnished by the United States Surveyor-General for Arizona,

H. J. Jennings, Chainman.

_____, Chainman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 20th

day of July, 19 20

MY COMMISSION EXPIRES MAY 4, 1922

James G. Conway

Notary Public
Yavapai County, Ariz



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Richard L. Merritt, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for ARIZONA, dated June 16 1920,

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 Chas. Mackling

known as the Gold Standard, Guarantee, Omaha Mine & Chas. Davis lodes, situate in Big Bug Mining District,

Yavapai County, ARIZONA, in Section

3, 4, 9 & 10, Township No. 13N, Range No. 1E

and designated as Survey No. 3683, 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 his 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.

Richard L. Merritt
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Richard L. Merritt,
U. S. Mineral Surveyor, before me E.A. MCSWIGGIN, a Notary Public,
in and for Yavapai County, Arizona, this 19th.
day of July A.D., 1920.

E.A. Swiggin
NOTARY PUBLIC.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

August 11, 1920

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

Chas. Macklina

known as the GOLD STANDARD, GUARANTEE, OMAHA MINE and CHAS. DAVIS Lodes situate in

Big Bug

Mining District, Yavapai County, Arizona

in Sections 3, 4, 9 & 10 Township No. 13 N., Range No. 1 E., and

designated as Survey No. 3683, 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 his grantors, and that said improvements consist of 2 tunnels and 7 shafts, total value \$5700.

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.

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,

August 11, 1920

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

Chas. Mackling

, known as the

GOLD STANDARD, GUARANTEE, OMAHA MINE and CHAS. DAVIS Lodes

situate in Big Bug mining district,

Yavapai County, Arizona

in Sections 3, 4, 9 & 10, Township No. 13 N., Range No. 1 E.

, designated as Survey No. 3683

executed by Richard L. Merritt, U. S. Mineral

Surveyor, June 30 - July 3, 1920, under my instructions dated

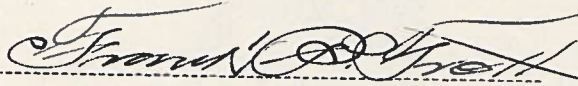
June 16, 1920, have been critically examined and the necessary cor-

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.



U. S. Surveyor General for Arizona.