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J.C.S.

(4-683.)

Mineral Survey No. 1019.

Lot No. 40.

Gila

Land District.

FIELD NOTES

Re
OF THE SURVEY OF THE MINING CLAIM OF

Richard Corlter.

KNOWN AS THE

"Triangle Mine"
Warren

Mining District,

Coconino County, Arizona

~~Section~~ ~~Township~~ ~~Range~~

Surveyed under instructions dated September 3rd, 1891.

by H. G. Howe

U. S. Deputy Mineral Surveyor.

Claim located December 7th, 1880.

Survey commenced December 3rd, 1891.

Survey completed December 15th, 1891.

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PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, R. J. McLean and J. A. McLean,
do solemnly swear that we will well and faithfully execute the duties of chain carriers;
that we will level the chain upon even and uneven ground and plumb the tally-pins,
either by sticking or dropping the same; that we will report the true distance to all
notable objects, and the true length of all lines that we assist in measuring, to the best
of our skill and ability, and in accordance with instructions given us, in the survey of
the Mining Claim of Richard Coulter,
known as the Triangle Mine,
situate in Warren mining district,
Cochise County, Arizona,
in Section _____, Township No. _____, Range No. _____.

R. J. McLean, Chainman.
J. A. McLean, Chainman.

Subscribed and sworn to by the above-named persons before
me this 30th day of November, 1891.

S. C. Ferris
Notary Public

I, _____, do solemnly swear that I will well and
truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

I, _____, do solemnly swear that I will
well and truly perform the duties of flagman, in the establishment of corners and other
duties, according to instructions given me and to the best of my skill and ability, in the
survey of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

Field Notes
of the Re Survey of the
Triangle Mine^{m.c.} in the Warren
Mining District, Cochise County
Arizona Territory.

Claimed by
Richard Coulter.

Surveyed by A. G. Howe U. S.
Deputy Mineral Surveyor
under instructions from the
Surveyor General of date September
3rd 1891.

Note. This claim was originally Surveyed
June 8th and 9th 1884.
And Survey approved July 13th 1884.
and designated
Lot No. 40.

Survey commenced Dec. 3rd 1891.
Survey completed Dec. 15th 1891.

Description of Survey.
Beginning at the Initial monu-
ment a 4 in Post in monument
of stone and earth situated at the
Southernly center end of claim, where
I set Post 5 ft. long 4 in. sq. and sur-
round by monument of stone
4 1/2 ft. at base and 3 ft. high.
Post marked I. M. T. M. No 1.
From which U. S. M. M. No 4. bears
N 2° 40' E 5900. ft.
Thence N 70° 29' E
var 11° 40' East.
Along southerly end line of claim

Feet:
300, To the S.E. cor of claim which is also the S.W. cor. Bob and John Mine, ^{M.C.} a 4 in Post in mon. of stone a shingle or Shake tacked to Post upon which is marked with black paint T.M. S.E. cor. where I set Post 5ft. long 4 in sgr. and surround by monument of earth and stone 4 1/2 ft at base and 3ft. high.
Post marked upon east face B & J. M. No. 5. and upon west face T.M. No. 2.
Thence N 9° 31' W.

Var 11° 40' East.

Along easterly side line of claims which is also the westerly side line of the Bob and John Mine, ^{M.C.}
230. Small wash drains, easterly.
700. Wash drains S. Easterly.

1020, Same wash drains S.S. west.

1298.5 To a 4 in Post in mon. of stone the N.E. cor. of claim, which is also the N.W. cor. Bob and John Mine, ^{M.C.} where I set Post 5ft. long 4 in. sgr. and surround by a monument of stone and earth 4 1/2 ft at base and 3ft. high.
Post marked upon east face B & J. M No. 6. and upon west face T.M. No. 3.
Thence S 70° 29' W

Var 11° 40' East.

108.2 To a 4 in. Post in monument of stone and earth the N. center of claim, where I set Post 5ft. long 4 in. sgr. in monument of stone and earth 5ft. at base and 3ft. high.
Post marked T.M. No. 4.

Thence S 70° 29' W

Var 11° 40' East.

108.2 To a 4 in Post in monument of stone the N.W. cor of claim, where I set Post 5ft. long 4 in. sgr. and surround by monument of earth and stone 4 1/2 ft. at base and 3ft. high.

Post marked T. M. No 5.
 Thence $56^{\circ} 10' W$

Var $11^{\circ} 40' East$.

292.46 To the S.E. cor Disowned Mine^{M.C.} Lot No 39,
 which point is also the N.E. cor Election
 Mine^{M.C.} Lot No. 44. a 4 in Post marked E.M.
 No 6.

Thence $55^{\circ} 54' W$

Var $11^{\circ} 40' East$.

533. Small wash drains 3 easterly
 599. A 4 in Post N.E. Cor. Magnet^{Mine M.C.}
 1000. Small wash drains Easterly

1123.6 To S.W. cor of claim a 4 in Post in mon,
 of stone, where I set Post 5 ft. long 4 in.
 sqr. and surround by monument
 of earth and stone $4\frac{1}{2}$ ft. at base and
 3 ft. high.

Post marked T. M. No 6.

Thence $N 70^{\circ} 29' E$

Var $11^{\circ} 40' East$.

300. To Post I. M. T. M. No 1. and place of beginning
 survey of exterior lines of claim.

Area.

Total area of claim 11.98 Acres.

Location.

This claim is located in the Warren
 Mining District Cochise County Ariz-
 ona Territory about $1\frac{1}{2}$ miles South
 west of the Copper Queen Con Mining
 Co's Smelters, and is bounded upon
 the east by the Bob and John Mine,
 and upon the west by the Magnet
 and the Disowned^{Mine} M.C. Lot No 39.
 This^{claim} was designated Lot No 40, when
 first surveyed in 1881.

Improvements.

Made upon this claim by claimant
 or his grantors consist of A Shaft
 4×6 ft. 10 ft. deep. North. 68 ft. and A Shaft.

4x6ft. 8ft. deep. N 31° E 280ft. and A Shaft.
 4x6ft. 12ft. .. N 33° 45' E 312ft. and A Shaft.
 4x6ft. 14ft. .. N 46° 30' E 330ft. and A Shaft.
 4x6ft. 10ft. .. N 50° 30' E 260ft. and A Shaft.
 4x6ft. 10ft. .. N 57° 30' E 280ft. from Post.

I.M. T.M. No 1.
 A Shaft. 4x6ft. 30ft. deep. S 5° 0' E 336ft.
 from Post T.M. No 4.

And I hereby certify that the value of said improvements exceeds in value the sum of five hundred dollars.

There have been no improvements made by other parties upon this claim

Instruments used a young & Sons improved Solar Transit and steel tape.

Var. and courses taken by use of the Solar apparatus. checked by triangulation to other official Surveys.

Note:— I find that the 4x4 in Posts set at time of Survey in 1881. were not marked but had Shakes, marked with Paint stacked to the Posts. The Posts now set by me have the letters cut into the Posts with a v marking Iron.

I connect this claim with U.S. M.M. No 4. as U.S. M.M. No 2, was destroyed by flood in 1890. —

I find the southerly end line of claim to bear N 70° 29' E and S 70° 29' W. The Official Survey of 1881 gives the same line at N 72° 05' E and S 72° 05' W.

The easterly side line I find bears N 9° 31' W and the official Survey of

1881, gives the same line at $N 7^{\circ} 55' W$ and the course from Post No 5 to the S.E. cor. Disowned Mine I find to be $56^{\circ} 10' W$ and the distance to be 292.5 ft. while the Survey of 1881. gives this course $59^{\circ} 0' W$ and the distance 289. ft. from the S.E. cor. of the Disowned I find the course to be $55^{\circ} 54' W$ to Post No 6. and the Survey of 1881. gives the same line at $57^{\circ} 30' W$.

I can account for these errors ~~discrepancy~~ in this way, at the time these claims were originally surveyed the only means of conveyance ^{was} a stage, rather a buckboard, over a rough road, and the Transit ^{used} was not in good adjustment, when Surveys were made.

H. G. Howe U.S. Deputy
 Mineral Surveyor.
 Tombstone Jan 13th. 91.

Affidavit of Five Hundred Dollars Improvements.

We, R. J. McLean and J. A. McLean

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the

Triangle Mine mining claim, situated in

Warren Mining District, Cochise County,

Arizona Territory, for which Richard Coulter

has made application for survey prior to application for patent under the provisions of the Act of Congress, approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

R. J. McLean
John A. McLean

TERRITORY OF ARIZONA,
County of Cochise } ss.

SWORN to and subscribed before me, this 19th day
of December 1891

A. C. Perrin
Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by H. G. Howe
 United States Deputy 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 Richard Coulter
 known as the Triangle Mine
 and showing the respective capacities in which they acted.

R. J. McLean, Chairman.
J. A. McLean, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, R. J. McLean and J. A. McLean
 and _____, do solemnly swear that we assisted H. G. Howe,
 United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of Richard Coulter
 _____, known as the Triangle Mine,
 represented
 in the foregoing field notes as having been surveyed by said deputy 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 instructions furnished by the United States Surveyor-General for
Arizona

R. J. McLean, Chairman.
J. A. McLean, Chairman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 19th day of December, 1891.

S. C. Perrin
 Notary Public



(4-686.)

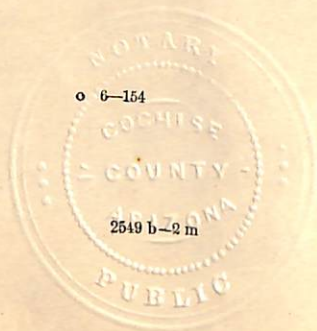
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, A. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 3rd, 1891, 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 Richard Coultter, known as the Triangle Mine, situate in the Warren Mining District, Cochise County, Arizona, in Section , Township No. , Range No. , and designated as Survey No. 1019. Lot 100 40., 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.

A. G. Howe
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. G. Howe,
U. S. Deputy Mineral Surveyor, before me S. C. Perrin
a Notary Public this thirteenth
day of December, 1891.

S. C. Perrin
Notary Public



Triangle Mine.

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Notice is hereby given that the undersigned in compliance with the requirements of the Mining act of Congress, Approved May 10th 1872, I this day locate and claim Fifteen hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz and 300 feet in width on each side of the middle of said lead lode or vein on the southern end of claim, situate in the Warren Mining District, County of Pima, Arizona and more particularly described as follows, to wit;

Commencing at this monument of stones being the center of the Southerly end of claim, and upon which this notice is posted, thence Easterly 300 feet to a monument of stones, thence Northerly 1500 feet to a monument of stones, thence being the center of North end of North end of claim, thence Southerly 1500 feet to a monument of stones, thence Easterly three hundred feet to a monument of stones. This claim lies between and joins parallel with the Bob + John mine on the East, and the Disowned mine on the West. And shall be known as the Triangle Mine, Located Dec 7. 1880

By Henry Campbell,
Filed and recorded at request of Moyer & Hicks,
Dec. 17. A.D. 1880, at 3 P.M.

S. W. Carpenter
County Recorder,

Territory of Arizona
County of Cochise. } ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise, do hereby certify that the above and foregoing is a full, true and correct copy of The
Location Notice of the Triangle mine, Warren Mining District,
as appears of record now in my office in Book 10, Page 407 Trans, Records
of Mines

In witness whereof, I have hereunto set my hand and affixed
my official seal, at my office, in Tombstone, this

21st day of August, A. D. 1891

W. F. Bradley,
County Recorder.

(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

Mesora, Arizona

March 6th, 1892.

I, U. S. Surveyor General for

Arizona Territory,

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

Survey of the Mining Claim of

Richard Boulton

, known as the

Triangle Mine

situate in *Warren* mining district,

Cochise County, *Arizona*,

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. *1019 - Lot No 40.*

executed by *H. G. Howe*, U. S. Deputy Mineral

Surveyor, *December 3. - 15, 1891*, under my instructions dated

September 3rd, 1891, 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. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes. _____

Raymond Johnson
U. S. Surveyor General for *Arizona*

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