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(4-683.)

Mineral Survey No. 1028.

Lot No. 82.

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Richard Coulter

KNOWN AS THE

Granville Marie Warren

Mining District,

Cochise County, Arizona

Section Township Range

Surveyed under instructions dated September 3, 1891.

by H. G. Howe

U. S. Deputy Mineral Surveyor.

Claim located January 20th, 1885.

Survey commenced December 3rd, 1891.

Survey completed December 15th, 1891.

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
Granville 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. G. Dennis
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 ..

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Field Notes
of Survey of the ^{M.C.}
Granville Mine in the
Warren Mining District.
Cochise County
Arizona Territory.

Claimed by
Richard Coulter.

Surveyed by A. G. Hower U.S. Deputy
Mineral Surveyor under instruct-
ions from the Surveyor General
of date September 3rd 1891.

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

Description of Survey.

Feet. Beginning at the Initial mon, mentioned
in notice of location situated at the south-
erly center end of claim, which point is
also the Initial mon, Unknown Mine ^{M.C.}
a 4 in. Post in mon of Stone, where I set
Post 5ft. long 4 in sqr. in monument of stone
4 1/2 ft. at base and 3ft. high
Post marked South face ^{UKN.} Unknown M. No. 1. and
North face ^{UKN.} G. M. No. 1.
From which U.S. M. No. 4. bears N 15° 21' E 5490. ft.
Thence S 78° 52' E

Var 11° 40' East.

300. To the S.E. cor. of claim, which is also the N.E. cor
Unknown Mine ^{M.C.} Lot No. 47, and the N.W. cor. Jessie
Glencairn Mine ^{M.C.} Lot No 46. and also the S.W. cor.
Election Mine ^{M.C.} Lot No 44. a 4 in Post in mon,
where I set Post 5ft. long 4 in. sqr. and sur-
rounds by a monument of stone 4 1/2 ft. at base
and 3ft. high.
Post marked N.E. face. E.M. No 3. and S.E. face J.G.
M. No. 6 and S.W. face. UKN. M. No 2 and N.W. face,
G. M. No 2.

Thence N 15° 30' E

Feet.

Thence $N 15^{\circ} 30' E$

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

350. Wash drains south easterly.
 603.3 To the N.E. cor. of claim, which is also the N.W. cor. Election Mine ^{M.C.} Lot No. 44, also the S.W. cor. Disowned Mine ^{M.C.} Lot No. 39, also the S.E. cor. Unknown No. 1. Mine ^{M.C.} Lot No 43, a 4 in. Post in mon. where I set Post 5ft. long 4 in. sq. and surround by monument of stone $4\frac{1}{2}$ ft. at base and 3ft. high.

Post marked S.E. face E.M. No 2, and N.W. face U.K.N. No. 1. M. No 3, and S.W. face G.M. No. 3.

Thence $N 78^{\circ} 52' W$

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

270. To the northerly center end of claim which is also the southerly center Unknown No. 1. Mine lot No 43, a 4 in. Post. in mon, built upon croppings. Where I set Post 5ft. long 4 in. sq. and surround by monument of stone $4\frac{1}{2}$ ft. at base and 3ft. high Post marked North face U.K.N. No. 1. M. No. 4 and South face G.M. No. 4.

Thence $N 78^{\circ} 52' W$

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

40. Cross wash drains S. easterly.
 270. To the N.W. cor. of claim, which is also the S.W. cor. Unknown No. 1. Mine ^{M.C.} a 4 in. Post in mon. where I set Post 5ft. long 4 in. sq. and surround by monument of stone $4\frac{1}{2}$ ft. at base. and 3ft high.

Post marked N. face. U.K.N. No. 1. M. No. 5, and south face. G.M. No 5.

Thence $S 21^{\circ} 7' W$

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

610.8 To the S.W. cor. of claim which is also the N.W. cor. unknown Mine ^{M.C.} a 4 in Post in mon. where I set Post 5ft. long 4 in. sq. and surround by a monument of stone $4\frac{1}{2}$ ft. at base and 3ft. high.

Post marked South face U.K.N. M. No. 6. and North face G.M. No. 6.

Sheet.

Thence $578^{\circ} 52' E$
over $11^{\circ} 40' E$ east.

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

Area.

Total area of claim 7.806 acres.

Location.

This claim is situated in the Warren Mining District, Cochise County, Arizona Territory, about $1\frac{1}{2}$ miles S.W. of the Copper Queen Con. Mining Co's Smelters at Bisbee, and is bounded upon the North by the Unknown No 1 Mine ^{M.C.} lot No. 43, and East by the E section Mine ^{M.C.} lot No 44, and South by the Unknown Mine ^{M.C.} lot No. 47.

Improvements.

Made upon this claim by claimant or his grantors consist of A Shaft $4 \times 6 \times 8$ ft deep. $N 17^{\circ} 15' E$ 165 ft. and a Tunnel 4×7 ft. 20 ft. long. $N 35^{\circ} 0' E$ 415 ft. and a Shaft. 4×6 ft. 10 ft. deep. $N 45^{\circ} 40' E$ 340 ft. and a Tunnel 4×7 ft. 30 ft. long $N 49^{\circ} 15' E$ 390 ft. from Post I.M.G. M. No. 1. A cut on southerly side of wash. 4×6 ft. 6×5 ft. deep. $S 15^{\circ} 30' W$ 50 ft. from Post G.M. No 4. A Shaft. 4×6 ft. 10 ft. deep bears $S 66^{\circ} 30' W$. 50 ft. from Post G.M. No 3.

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

There have been no improvements made by other parties on this claim.

Instruments used a young and Sons improved solar transit and steel tape,

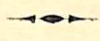
and courses taken by use of the

Solar apparatus, checked by triangulation to other official surveys.

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

Tombstone January
25th 92.

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

Granville 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 grantor 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.

S. C. Penin
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 Granville Mine,
 and showing the respective capacities in which they acted.

Robert McLean , Chairman.
J. A. McLean , Chairman.
 , Axman.
 , Flagman.

FINAL OATHS OF ASSISTANTS.

We, Robert 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 _____
Granville 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

Robt McLean , Chairman.
John 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



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, H. C. 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 Coulter, known as the Granville Mine, situate in Warren Mining District, Cochise County, Arizona, in Section , Township No. , Range No. , and designated as Survey No. 1028 Lot No 21, 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.

H. C. Howe
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said H. C. Howe,
U. S. Deputy Mineral Surveyor, before me S. C. Ferris
a Notary Public this Nineteenth
day of December, 1891.

S. C. Ferris
Notary Public



Location Notice.

Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress, Approved May 10, 1872 has this day located and claimed 1500 linear feet along the course of this lead, lode or vein of mineral bearing quartz and 300 feet on each side of the middle of said lead, lode or vein, situated in Mule Pass mountains Warren Mining District, Coconino County, Arizona, and more particularly described as follows, to wit: Commencing at a monument of stones upon which this notice is posted in the south east end of claim; thence North-East 300 feet to a monument of stones; thence North-west 1500 feet to a monument of stones; thence South-west 300 feet to a monument of stones being the center of the North West end of claim; thence South West 300 feet to a monument of stones; thence South East 1500 feet to a monument of stones; thence North-East 300 feet to the place of beginning.

This Claim is bounded on the North by the "Unknown No 1" Mining claim, on the South by the "Unknown No 2," on the East by the "Election" and on the West

by the "Dynamite" Mining Claim, This claim comprises that vacant piece of ground which lays as above described between the Unknown No 1 & 2 mining claims belonging to the Campbell group of mines, Dated on the ground this 20th day of January A.D. 1885, and shall be known as the "Granville" Mine,
Witness

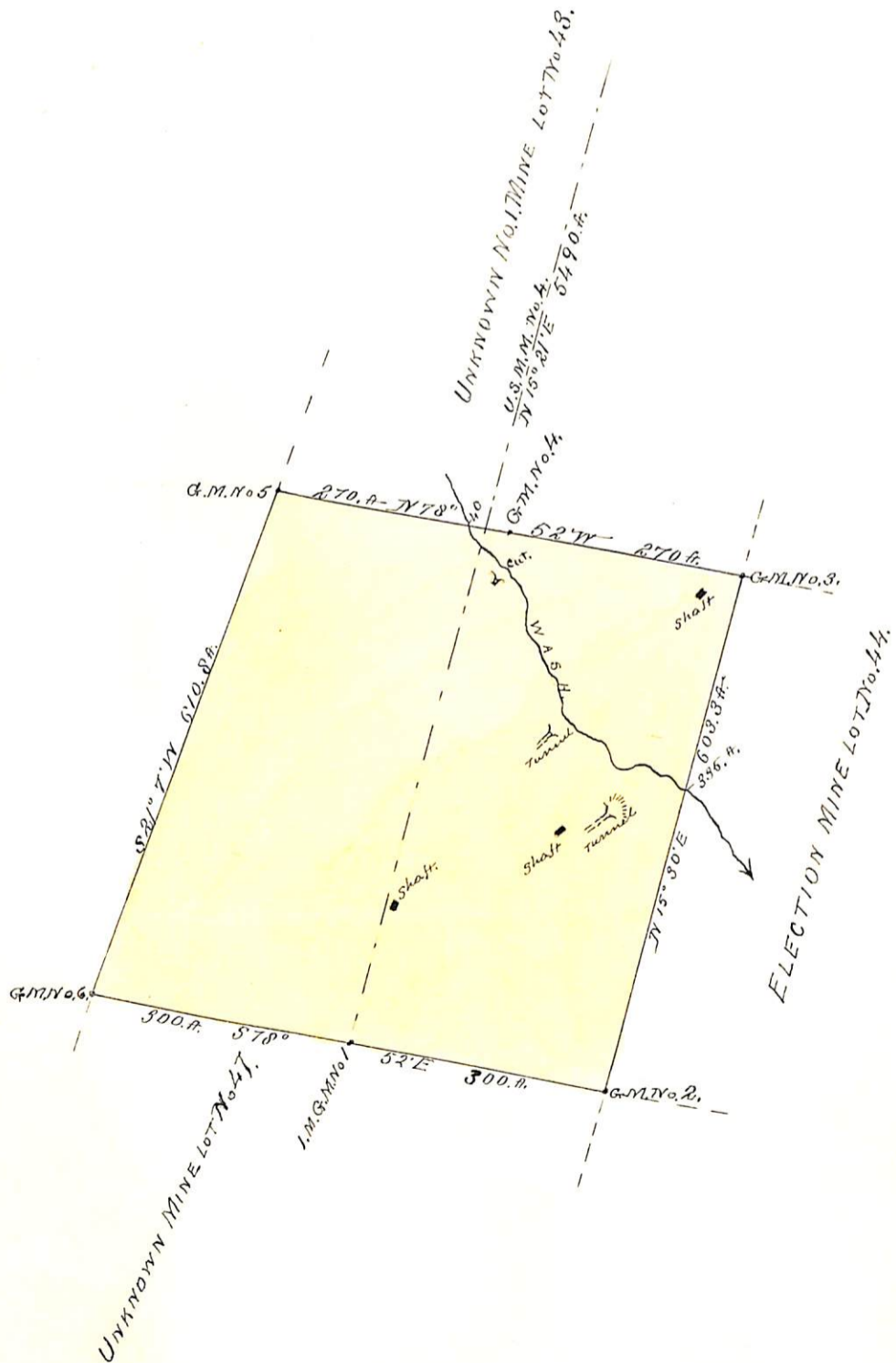
Chas. G. Johnston, Locator. Thomas Higgins,
Filed and recorded at request of Chas. G. Johnston Feb'y 9, 1885 at 8 A.M.,
A. J. Jones, County Recorder
By B. A. Fickas, Deputy.

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 Granville Mine, Warren Mining District, as appears of record now in my office in Book 8, Page 431 Record 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.

PLAT
 of the
 GRANVILLE MINE
 WARREN MINING DISTRICT
 COCHISE COUNTY
 ARIZONA TERRITORY
 Containing 7,806 Acres. 7.87
 Var 11° 40' East
 Scale 200 ft = 1 inch.



(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,

MICSON, Arizona

May 6th, 1892.

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

Richard Coulton

....., known as the
"Granville Mine"

situate in *Warren* mining district,
Cochise County, *Arizona*

in Section Township No. Range No.
and designatd as Survey No. *1028. Lot 482.*

executed by *H. G. Howe*, U. S. Deputy Mineral Surveyor, *December 3/15, 1891*, under my instructions dated

September 3^d, 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.

Raphael Johnson

U. S. Surveyor General for *Arizona*

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