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Recd Oct 17 1899

(4-683.)

Mineral Survey No. 1405

Lot No. _____

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. R. Richardson

KNOWN AS THE

Marine Lodge

Patagonia Mining District,

Santa Cruz County, Arizona

Section _____, Township 24S, Range on this survey -
ed lands

Surveyed under instructions dated Sept. 23rd, 1899,

by John A. Storm,
U. S. Deputy Mineral Surveyor

Claim located Mich 5/98 - And June 2^d 1899

Survey commenced Oct. 9th, 1899.

Survey completed Oct. 10th, 1899.

address of Claimant,
Crittenden, Arizona,

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, J. A. Mc Gaughey and Albert de la Ossa
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 R. R. Richardson

....., known as the
Maine lode
situate in Patagonia mining district,
Santa Cruz County, Arizona,
in Section, Township No., Range No. on unsurveyed lands

J. A. Mc Gaughey, Chainman.
Albert de la Ossa, Chainman.

Subscribed and sworn to by the above-named persons before
me this 27 day of Sept, 18 99

J. P. Byler
Notary Public

I, J. A. Mc Gaughey, 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 R. R. Richardson

known as the Maine lode,
more fully described in the preceding affidavit.

J. A. Mc Gaughey, Axeman.

Subscribed and sworn to by the said J. A. Mc Gaughey
before me this 27th day of
Sept, 18 99

J. P. Byler
Notary Public

I, Albert de la Ossa, 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 R. R. Richardson

known as the Maine lode,
more fully described in the preceding affidavit.

Albert de la Ossa, Flagman.

Subscribed and sworn to by the said Albert de la Ossa
before me this 27th day of
Sept, 18 99

J. P. Byler
Notary Public

Santa Cruz

Santa Cruz

Santa Cruz

Feet

Survey No. 1405
Maine Lode,

Beginning at cor. No. 1,

On line 3-4, sur. No. 1407, Slim Jim
Lode, at S, $0^{\circ}10' E$, 164.5 ft from Cor. No. 3,

a point on a flat lime ledge, Chiseled
+ $\frac{1}{1405}$, whence,

U.S.M.M. No. 1 bears S, $16^{\circ}57' E$, 4108.45 ft,
Cor. No. 4, sur. No. 1407, Ohio No. 2 Lode,
bears N, $27^{\circ}8'25'' W$, 203.12 ft,

A white oak 12 ins in diam, bears N, $34^{\circ} E$,
22 ft and

A white oak 10 ins in diam, bears S, 53°
 $10' W$, 62.5 ft. Both scribed B. J. $\frac{1}{1405}$,

Thence N, $0^{\circ}25' W$

Var. $12^{\circ}10' E$,

164.5 Intersect line 4-1, sur. No. 1407, Ohio
No. 2 Lode, David Allen et al Claimants,
at S, $80^{\circ} E$, ~~92.4~~ ft from Cor. No. 4,

653.5 East side Center post and monument,

678 Intersect line 3-4, sur. No. 1407, Ohio
No. 2 Lode, at N, $10^{\circ} E$, 505.02 ft from
Cor. No. 4,

1219.78 Intersect line 6-2, sur. No. 892, Indiana
Lode, Claimants unknown, at S, 72°
 $30' E$, 590 ft from Cor. No. 6,

1307 To Cor. No. 2,

A pine post 4 ft long, 6 ins square, set
12 ins in the ground to solid rock, with
mound of stone, scribed $\frac{2}{1405}$, whence,
Cor. No. 2, sur. No. 892, Indiana Lode,
bears S, $6^{\circ} E$, 90.78 ft,

A Juniper 24 ins in diam, bears S, 68°
 $45' E$, 32.3 ft and

A white oak 12 ins in diam, bears S,
 $19^{\circ}10' W$, 12.8 ft. Both scribed B. J. $\frac{2}{1405}$,

Thence S, $89^{\circ}35' W$,

Var. $12^{\circ}5' E$,

210 Middle gulch, 10 ft wide, Course N. E.,

276 South end Center post and monument
sur. No. 892, Indiana Lode,

300 To North end Center post and monument,

4281 A pine post-4 ft long, 4 ins square, set-
20 ins in the ground, with mound of stone,
scribed N. E. C. 1405,

600 To Cor. No. 3,

A pine post-4 ft long, 6 ins square, set
2 ft in the ground, with mound of stone,
scribed $\frac{3}{1405}$, whence,

A Juniper stump 2.5 ft high, 16 ins in
diam, bears S, 80° W, 43.8 ft, and
a white oak 8 ins in diam, bears S, 41° W,
73.4 ft; ~~both~~ scribed B. S. and B. J. $\frac{3}{1405}$,
Lime Peak bears S, 14° 15' E,

Thence S, 0° 25' E,

Var. 12° 10' E,

315 Middle gulch, 10 ft wide, Course East,
653.5 West side Center Stake and monument,

675 Middle gulch, 20 ft wide, Course N. E.,

1307 To Cor. No. 4,

A pine post-4 ft long, 5 ins square, set-
2 ft in the ground with mound of stone,
scribed $\frac{4}{1405}$, whence,

A Juniper 10 ins in diam, bears N, 78° 45' E,
10.8 ft, and

A white oak 8 ins in diam, bears S, 4° 15' W,
41.3 ft; both scribed B. J. $\frac{4}{1405}$,
Granite Peak bears S, 80° 45' W,

Thence N, 89° 35' E,

Var. 12° 5' E,

300 To South end center post and monument

A pine post-4 ft long, 4 ins square, set
2 ft in the ground, with mound of stone,
scribed S. E. C. 1405,

400 Middle gulch, 20 ft wide, Course North,

579.6 To Witness Corner to Cor. No. 1,

A pine post-4 ft long, 4 ins square, set-
20 ins in the ground, with mound of
stone, scribed W. C. $\frac{1}{1405}$,

600 To Cor. No. 1, the place of beginning,

This survey is identical with that
of the amended location.

As far as can be determined from

present-developments, the vein of the
Maine lode extends N. $0^{\circ}25'$ W. 725 ft
and S. $0^{\circ}25'$ E. 582 ft from the dis-
covery shaft;

Area.

Total area Maine lode,	18,003 acres.	✓
Area in Conflict with		
Sur. No. 892, Indiana lode,	0.282 acres	✓
Sur. No. 1407, Ohio No. 2 lode,	0.538 "	
Total area Maine lode,	18,003 acres.	
Less area in Conflict with		
Sur. No. 1407, Ohio No. 2 lode,	0.538 "	✓
Net area lode claim	17,465 acres.	✓

Location.

This claim is located in Washington
Camp, Patagonia Mining District, in
the southern part of Santa Cruz County,
Territory of Arizona, on unsurveyed
lands, approximately T_{p.} 24. S. R. 14 E.
Expenditure of Five Hundred Dollars.

I certify that the value of the labor and
improvements upon this claim, placed
thereon by the claimant and his
grantors is not less than five hun-
dred dollars, and that said im-
provements consist of:

- No. 1 The discovery shaft which bears from
Cor. No. 1 N. $27^{\circ}41'$ W. 654.75 ft. 4 x 6 ft
30 ft deep. timbered.
Value \$300.
- No. 2 An open cut, the face of which bears
from Cor. No. 1 N. 36° W. 602 ft. 18 ft
face, 11 ft wide, running S. $66^{\circ}30'$ E. 17 ft.
in rock and ore. Value \$200.
- No. 3 A shaft which bears from Cor. No. 1, N. 32°
W. 570 ft. 4 x 6 ft. 10 ft deep, in rock.
Value \$50.
- No. 4 An open cut, the east-end of which bears
from Cor. No. 1. N. 23° W. 810 ft. 6.5 ft wide.
10 ft deep, at center, 90 ft long, Course West;
At 34 ft. from east-end of this cut, mine

a tunnel 3.5 x 6 ft. S. 10° E. 49 ft. in ore and vein matter.

Value of cut and tunnel, \$700

No. 5 A shaft, which bears from Cor. No. 1 N. 24° 30' W. 75.2 ft. 4 x 4 ft. 50 ft. deep. in ore and vein matter. Value \$500.

No. 6 A tunnel, the mouth of which bears from Cor. No. 1. N. 31° 30' W. 840 ft. 3.5 x 6 ft. running S. 77° E. 40 ft. in rock. Value \$400.

No. 7 A tunnel, the mouth of which bears from Cor. No. 2. S. 60° 30' W. 276 ft. 4 x 6 ft. running N. 85° W. 20 ft. in ore and vein matter. Value \$200

Other Improvements

None.

Instruments.

This survey was made with a Gurley Light-Mountain Transit. The Courses were deflected from the true Meridian as determined by direct solar observations. The distances were measured with 50 ft. and 300 ft. steel tapes.

Note - The disagreements between these field notes and the amended location Certificate with regard to the Courses of the boundary lines, are due to errors in the latter.

John A. Stone,
U. S. Dep. Min. Sur.

Tucson, Ariz.
Oct. 20/99.

Area Calculation, Sur. No. 1405 Maine Lode,

Bear	Chains Dist	N	S	E	W	SDD	WDD	Mult	N, a.	S, a.
N, 0°25'W	19,803	19,802			0,144	8,944		—		
S, 89°35'W	9,071		0,066		9,090		9,234	9,234W	0,609444	
S, 0°25'E	19,803		19,802	0,144				18,160W	360,000360	
N, 89°35'E	9,071	0,066		9,090		9,234	8,944	8,944W		0,590436

360,609804
0,590436

2) 360,019368
78,0009684 acres,

Area in conflict with Sur. No. 892, Indiana Lode,

Bear	Chains Dist	N	S	E	W	SDD	WDD	Mult	N, a.	S, a.
N, 0°25'W	1,352	1,352			0,010	4,082		—		
S, 89°35'W	4,182		0,030		4,182		4,192	4,192W	0,125760	
S, 72°30'E	4,375		1,322	4,192		0,010		4,082W	5,396404	

2) 5,522164
0,2761082

Area in conflict with Sur. No. 1407, Ohio No. 2 Lode,

Bear	Chains Dist	N	S	E	W	SDD	WDD	Mult	N, a.	S, a.
N, 10°E	7,652	7,537		1,329			0,057	—		
S, 0°25'E	7,780		7,780	0,057		1,386		1,386E		10,783080
N, 80°W	1,408	0,243			1,386		1,329	0,057E	0,013851	

0,013851

2) 10,769229
0,5384614 acres

This claim is bounded on the North by Sur. No. 892, Indiana Lode, on the east by Sur. No. 1407, Ohio No. 2 and Silver Pine Lodes, on the South by Ohio No. 2 Lode, (Measuring d.) and on the west by no known claim,

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by John A. Storm
 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 R. R. Richardson
 known as the Maine Lode
 and showing the respective capacities in which they acted.

J. A. Mc Gaughey, Chairman.
Albert de la Cossa, Chainman.
J. A. Mc Gaughey, Axman.
Albert de la Cossa, Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. A. Mc Gaughey
 and Albert de la Cossa, do solemnly swear that we assisted
John A. Storm, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of R. R. Richardson

known as the Maine Lode Mining Claim, 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.

J. A. Mc Gaughey, Chairman.
Albert de la Cossa, Chainman.
J. A. Mc Gaughey, Axman.
Albert de la Cossa, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 16th day of October 18 99

J. H. Byler
 Notary Public

Frank B. ...

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Storm, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 23rd 1899, 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 R. R. Richardson, known as the Maine Lode, situate in Patagonia Mining District, Santa Cruz County, Arizona in Section Township No. , Range No. on unsurveyed lands, and designated as Survey No. 1405, 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.

John A. Storm
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Storm
U. S. Deputy Mineral Surveyor, before me John Smith a Notary Public
in and for Santa Cruz Co. Ariz this 18th
day of October 1899.

John Smith
Notary Public
My Commission Expires
May 8th 1900

Patagonia Lands

Affidavit of Five Hundred Dollars Improvements.

We, Emerson Lee, and Joseph H. Good

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Maine mining claim, situate in Patagonia Mining district, Santa Cruz County, Arizona Territory, for which

R. R. Richardson

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.

Emerson Lee
Joseph H. Good

TERRITORY OF ARIZONA, }
County of Santa Cruz } ss:

Sworn to and subscribed before me, this Sixth day of October, 1897

J. M. [Signature]
Notary Public

Emerson Lee

Additional and Amended Location Certificate

Territory of Arizona }
County of Santa Cruz } SS

Know all men by these presents, that, I, R. R. Richardson, of Santa Cruz County, Territory of Arizona, the undersigned have this 1st day of June A.D. 1899, amended, located, and claimed, and by these presents do amend, locate and claim by right of the original discovery and this additional and amended location certificate, in compliance with the Mining Acts of Congress, approved May 10, A.D. 1872, and all subsequent acts, and with local customs, laws and regulations, 1308.5 linear feet and horizontal measurement on the Maine lode, vein, ledge or deposit along the vein thereof, with all its dips, angles and variations, as allowed by law, together with 300 feet on each side of the middle of said vein at the surface, so far as can be determined from present developments; and all veins, lodes, ledges, or deposits and surface ground within the

lines of said claim, 725 feet running North from center of discovery shaft and 583.5 feet running South from center of discovery shaft, said discovery shaft being situate upon said lode, vein, ledge or deposit, and within the lines of said claim in Patagonia Mining District, County of Santa Cruz and Territory of Arizona, described by metes and bounds as follows, to-wit:

Beginning at Corner No. 1, the S.E. Corner, a post and monument, whence a white oak 12 ins. in diam. bears N. 34° E. 22 ft. and a white oak 10 ins. in diam. bears S. $53^{\circ} 10'$ N. 62.5 ft. Granite Peak bears S. $80^{\circ} 15'$ N. Thence N. 65 ft. to East side Center Post and monument, 1308.5 ft. to a post and monument, the N.E. Corner No. 2, whence Cor. No. 1. Surv. No. 892 bears S. 6° E. 91 ft. Juniper tree 11 ins. in diam. bears S. $68^{\circ} 45'$ E. 32.3 ft. and a white oak 12 ins. in diam. bears S. $19^{\circ} 10'$ N. 12.8 ft. Granite Peak bears S. $64^{\circ} 30'$ N. Thence West 300 ft. to North end center Post and monument, 600 ft. to post and monument.

The N. N. Cor. No. 3. Thence South, 654 ft. to West side post and monument, 1308.5 ft. to East and monument. The N. N. Cor. No. 4. Thence East 300 ft. to South end center end monument, 600 ft. to Cor. No. 1, the place of beginning. Var. 12° E.

This being the same lode originally located on the 5th day of March, A.D. 1898, and recorded on the 17th day of May, A.D. 1898 in Book J. J. Pages 740-741, in the office of the Recorder of Piima County, this further additional amended certificate of location is made without waiver of any previously acquired rights, but for the purpose of correcting any errors in the original location description or record, and of taking in and acquiring all forfeited or abandoned, overlapping ground, and of taking in any part of any overlapping claim which has been abandoned.

This claim is located in what is known as Washington Camp.

R. R. Richardson (Seal)

Said lode was discovered on the 5th day of March, A.D. 1898.
 Date of Location, Mar. 5th A.D. 1898.
 Date of Amended and Additional Certificate, June 2nd A.D. 1899.

Territory of Arizona
County of Santa Cruz

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W N Cummins
Recorder of Santa Cruz County
Territory of Arizona hereby Certify
that the foregoing is a true and
Correct Copy of Amended Location
Certificate Recorded in Book One
Page 117 in this office W N Cummins

Filed at request of
Fred S Brown July 5th 1899
at 9 O'clock A M witness
my hand and official seal
this 21st day of September A D 1899

W N Cummins
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,

Tucson, Arizona.

November 29, 1899.

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 *R. R. Richardson*,

....., known as the

Maine

situate in *Patagonia* mining district,

Santa Cruz County, *Arizona*,

in Section —, Township No. —, Range No. *(unsurveyed)*

....., designated as Survey No. *1405*.

executed by *John A. Storm*, U. S. Deputy Mineral

Surveyor, *Oct. 9-10*, 1899, under my instructions dated

Sept. 23^d, 1899, 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.

George Christ

U. S. Surveyor General for *Arizona*.

SURVEY NO. 1405.
GILA LAND DISTRICT.
Surveyed Oct. 9-10-1899,
By John A. Storm,
U.S. Dep. Min. Surveyor.

*Tucson, Arizona.
November 29 99*

