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Rec'd Oct 10/99

(4-683.)

Mineral Survey No. 1400

Lot No. _____

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

David Allen and Howard Allen

KNOWN AS THE

Doco Lode

Patagonia

Mining District,

Santa Cruz County, Arizona

Section _____, Township 24 S, Range on unsur-^{16 E}
used lands

Surveyed under instructions dated Sept. 23rd, 1899,

by John A. Storer

U. S. Deputy Mineral Surveyor

Claim located _____, 18 .

Survey commenced September 29th, 1899.

Survey completed September 30th, 1899.

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Address of Claimants
Washington, Arizona.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, J. A. McLaughley 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 David Allen and Howard Allen
....., known as the
Doco lode
situate in Patagonia mining district,
Santa Cruz County, Arizona,
in Section, Township No., Range No.

J. A. McLaughley, Chainman.
Albert de la Ossa, Chainman.

Subscribed and sworn to by the above-named persons before
me this 27th day of Sept, 1899

J. P. Byler
Notary Public

I, J. A. McLaughley, 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 David Allen and Howard Allen
.....
known as the Doco lode,
more fully described in the preceding affidavit.

J. A. McLaughley, Axeman.

Subscribed and sworn to by the said J. A. McLaughley
before me this 27th day of
Sept, 1899

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 David Allen and Howard Allen
.....
known as the Doco 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, 1899

J. P. Byler
Notary Public

Santa Cruz

Santa Cruz

Santa Cruz

4281-

Survey No. 1400,
Doco Lode.

Beginning at Cor. No. 1,

A pine post 4 ft long, 6 ins square, set 2 ft in the ground, with mound of stone, scribed $\frac{1}{1400}$, whence,

U. S. M. M. No. 1 bears S. 30° 8' 15" W, 362.4 ft

A Black oak 7 ins in diam, bears N. 76° 30' W, 21.8 ft, and

A Madronia 15 ins in diam, bears S. 41° 30' E, 129.6 ft, both scribed B. T. $\frac{1}{1400}$.

Thence N. 21° 50' W,

Var. 12° 5' E.

- 510 Middle wagon road, Course N. 63° E, and S. 63° W,
- 750 West-side Center state and monument,
- 1380 Middle Washington Gulch, 30 ft wide, Course, S. 55° E,
- 1500 To Cor. No. 2,

on line 1-2, sur. No. 1406, Georgia lode, at N. 81° 20' W, 370 ft from Cor. No. 1,

A pine post 4 ft long, 6 ins square, set 2 ft in the ground, with mound of stone, scribed $\frac{2}{1400}$, whence,

South Corner Allen's adobe dwelling house bears N. 19° E, 131.8 ft,

A well 20 ft deep bears S. 34° 40' E, 120 ft,

Thence S. 81° 20' E.

Var. 12° 10' E,

- 1415 Middle Washington gulch 30 ft wide, Course N. 20° E,
- 225 Middle Washington gulch, 30 ft wide, Course S. 57° E,
- 284 To North 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 N. E. C, 1400,
- 370 Cor. No. 1, Sur. No. 1406, Georgia lode,
- 514 West-side of Harmon's adobe house,
- 530 East-side of Harmon's adobe house,
- 568 To Cor. No. 3,

A pine post 4 ft long, 4 ins square, set 2 ft in the ground, with mound of stone, scribed $\frac{3}{1400}$, whence,

N. E. Cor. Harmon's adobe house bears N. 41° 15' W, 57 ft.

24
4221-

Thence S. $21^{\circ}50' E$,

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

- 210 Middle Washington gulch, 30 ft wide, Course East;
640 Middle wagon road, Course N. $63^{\circ} E$, and S. $63^{\circ} W$,
930 Middle gulch, 20 ft wide, Course N. E.,
1500 To Cor. No. 4.

A pine post 4 ft long, 6 ins square, set 2 ft
in the ground, with mound of stone, scribed
 $\frac{4}{1400}$, whence,

A Black oak 10 ins in diam, bears S. $25^{\circ} W$,
118 ft. Scribed B. J. $\frac{4}{1400}$,

San Antonio Peak bears S. $5^{\circ}32' W$.

Thence N. $81^{\circ}20' W$,

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

- 284 To South end center post and monument,
An oak post 4 ft long, 4 ins square, set 18
ins in the ground with mound of stone,
scribed S. E. C. 1400,
5-68 To Cor. No. 1. the place of beginning,

This survey is identical with that of the
unreduced location,

As near as can be determined from present
developments, the vein of the Doco lode
extends N. $21^{\circ}50' W$, 953 ft and S. $21^{\circ}50' E$,
547 ft from the mouth of the discovery
tunnel.

Area,

Total and net-area Doco lode 16,852 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, approx in T. 24 S., R. 16 E.

Expenditure of Five Hundred Dollars,
I certify that the value of the labor
and improvements upon this claim,
placed thereon by the claimants

Area Calculation, Sur. No. 1400, Docs Lode.

Bear	Chain	N	S	E	W	2 2 2	W 2 2	W 2 2	N. A.	S. A.
11,21°30'W	22,727	21,097			8,452		16,960			
S, 81°20'E	8,606		1,297	8,508		1,056		1,056 E		0,072632
S, 21°50'E	22,727		21,097	8,452		16,960		17,016 E		
N, 81°20'W	8,606	1,297			8,518		16,960 E	21,997120	358,986532	
										359,059184
										21,997120

2) 337,042044

Area in conflict with Dr. Green lode (unsurveyed) 16,8531032 acres

Bear	Chain	N	S	E	W	2 2 2	W 2 2	W 2 2	N. A.	S. A.
11,81°20'W	2,000	0,452			2,966		6,755			
S, 13°30'W	8,058		7,835		1,881		1,847	4,847 W	37,976245	
S, 76°30'E	5,881		2,073	8,636		6,755		1,908 E		3,955284
11,21°50'W	10,158	9,456			3,784	4,847		6,703 E	45,833232	

83,809471
3,955284

2) 79,854193

Not included 3,9427096 acres

This claim is bounded on the north by the Dr Green lode, unsurveyed, and survey No. 1406, Georgia lode, on the east by the Dr Green lode, on the south by no known claim, and on the west by no known claim.

and their grantors, is not less than five hundred dollars, and that said improvements consist - 57;

The discovery tunnel, the mouth of which bears from Cor. No. 1 $N 9^{\circ} 26' E$, 471.3 ft., 4×6.5 -ft running $S, 17^{\circ} 45' E$, 29 ft. in rock, and vein matter,

at 10 ft from the mouth of the tunnel runs a drift $S, 28^{\circ} W$, 4×6.5 -ft - 13 ft long, in rock. At the mouth of the tunnel runs a drift $S, 68^{\circ} W$, 4×6.5 -ft; 21 ft long, in rock. Value of tunnel and both drifts, \$700.

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.

John A. Stone,
U. S. Dep. Min^l Survey,
Tucson, A.T.

Oct 20/99.

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 David Allen and Howard Allen
 known as the Doco lode
 and showing the respective capacities in which they acted.

J. A. Mc Gaughy, Chainman.
Albert de la Ossa, Chainman.
J. A. Mc Gaughy, Axman.
Albert de la Ossa, Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. A. Mc Gaughy
 and Albert de la Ossa, 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 David Allen
and Howard Allen
 known as the Doco lode, 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 Gaughy, Chainman.
Albert de la Ossa, Chainman.
J. A. Mc Gaughy, Axman.
Albert de la Ossa, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 16th day of October, 1899

J. J. Byler
 Notary Public

John A. Storm

(4-686.)

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 David Allen and Howard Allen, known as the Doco Lode, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Section _____, Township No. _____, Range No. on unsurveyed lands and designated as Survey No. 1400, 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 their 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

Santa Cruz

Affidavit of Five Hundred Dollars Improvements.

We, Emerson Gee, and Joseph H. Good

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

David Allen and Howard Allen

ha ve 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 applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Emerson Gee
Joseph H. Good

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

Sworn to and subscribed before me, this Sixth day of October, 1899

Santa Cruz

J. M. Public
Notary Public

Amended Location Certificate

Territory of Arizona
County of Santa Cruz } S.S.

Know all men by these presents,
That we, David Allen and Howard
Allen, the undersigned, have
this 2nd day of June, 1899, Amended,
located, and claimed, and by
these presents do amend,
locate and claim, by right of
discovery and amended location
in compliance with the
Mining Acts of Congress,
approved May 10, 1872, and all
subsequent acts, and with
local customs, laws and reg-
ulations 1500 linear feet and
horizontal measurement
on the Isco lode vein,
ledge or deposit, along the vein
thereof, with all its dips,
angles, and variations, as
allowed by law, together with
244.7 ft. 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,
953 feet running N. 21° 50' W.
from mouth of discovery
tunnel, and 547 feet running

S. $21^{\circ} 50' E.$ from mouth of discovery tunnel, said discovery tunnel 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. N. Cor. a post and monument, whence a Black Oak tree 7 ins in diam. bears N. $76^{\circ} 30' N.$ 21.8 ft. and a Madronia tree 15 ins in diam. bears S. $41^{\circ} 30' E.$ 129.6 ft. Thence N. $21^{\circ} 50' N.$ 750 ft. to West side post and monument, 1500 ft. to East and monument, Cor. No. 2, whence S. N. Corner David Allen's largest adobe dwelling house bears N. $19^{\circ} E.$ 131.8 ft. Thence S. $81^{\circ} 20' E.$ 284 ft. to North end center Post and monument, 568 ft. to East and monument. Cor. No. 3, whence N. E. Cor. Harmon's dwelling house bears N. $41^{\circ} 15' N.$ 57.2 ft. Thence S. $21^{\circ} 50' E.$ 750 ft. to East side center Post and monument, 1500 ft. to East and monument. Cor. No. 4, Thence N. $81^{\circ} 20' N.$ 284 ft. to South end center Post and

monument, 568 ft. to Cor. No. 1,
the place of beginning, Var 12° E.

This being the same lode
originally located on the 3rd
day of January, 1889, and re-
corded on the 24th day of January,
1889, in Book A. A. Page 226, in
the office of the Recorder of
Pima County, this further
and amended certificate of
location is made without
waiver of any previously acquired
rights but for the purpose of
correcting any error in
the original location, description
of record. This claim is
located in what is known
as Washington Camp.

David Allen 1/2 (Seal)

Howard Allen 1/2 (Seal)

Said lode was discovered the
3rd day of January, A. D. 1889.

Date of Location, Jan, 3rd, 1889.

Date of Amended Certificate

June 3rd - A. D. 1899.

Territory of Arizona }
 County of Santa Cruz } ss

W N Cummings 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 107 in
 this Office. W N Cummings



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 Cummings
 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

Nov. 4th, 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 *David Allen and*
Howard Allen

....., known as the

Doco lode

situate in *Patagonia* mining district,

Santa Cruz County, *Arizona*,

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

....., designated as Survey No. *1400*

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

Surveyor, *Sept. 29-30th*, 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. 1400.
 GILA LAND DISTRICT.

Surveyed Sept 29 + 30th 1899.
 by John A. Storms, U.S. Dep. Min. Surveyors

SUR. No. 1400.
 GEORGIA 100E.

