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(4-683.)

Mineral Survey No. 2189

Lot No. _____

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mrs. Abbie Williams

KNOWN AS THE

Permetto and Betsy Ann

Hassayampa Mining District.

Yavapai County, Arizona

Section 13, Township 12 N., Range 2 W. unsurveyed

Surveyed under instructions dated June 12th 1905.

by A. B. Mader
U. S. Deputy Mineral Surveyor

Claim located see notices 1

Survey commenced June 27th 1905

Survey completed June 28 1905

6-103

Herndon & Morris
Attorneys
Prescott A.S.

True ✓
Copy ✓
File ✓
Area ✓

PALMETTO LODGE.

- Feet. Beginning at Cor. No. 1.
 Identical with Cor. of the Location.
 A Granite stone 9 x 8 x 18" set 11" in the ground
 to bed rock chiseled 1 P 2109, and raised a mon. of stone
 2 1/2 Ft. base by 3 Ft High along side, whence,
 The U. S. Mineral Mon. No. 1 Hassayampa Min-
 ing District, bears N. 3° 26' W. 4348.2 ft.
 An Oak tree 10" in Diam. bears S. 59° 5' W. 5.3 ft.
 scribed B T 1 P 2109.
 An Oak tree 22" in diam. bears S. 28° 30' W. 8.7
 ft. scribed B. T 1 P 2109.
 Thence S. 31° 58' W.
 24.88 Intersect line 4-1 of storm Cloud lode survey No
 38, at a point N. 54°-20' W. 290 ft. from cor. No. 1.
 45 Cross head of Cash Gulch, 2 ft. wide course N.W.
 bears S.E.
 49.76 Cor. No. 2 of the Betsy Ann lode of this sur-
 vey.
 Up steep brushy hill.
 578.86 To cor. No. 2.
 Identical with cor. of the location, and with
 cor. No. 3 of the Betsy Ann lode of this Survey.
 A Granite stone 7 x 16 x 28" set 12" in the
 ground, and chiseled 2 P 2109, and raised a mon. of
 stones 2 1/2 ft. base and 3 ft. high along-side.
 An Oak tree 16" in Diam. Bears S. 64°-4' W. 21.5
 ft. scribed B T 2 P 2109.
 An Oak tree 8" in diam. bears N. 37°-14' W.
 16.5 ft. scribed B T 2 P 2109.
 Thence S. 49°-28' E.
 300 To the S. C. E.
 Identical with the location.
 A slate stone 3 x 7 x 30" set 12" in the ground
 chiseled S C R P 2109, and raised a mon. of stone 2 1/2

SURVEY NO. 2109.
PALMETTO LODGE.

Feet.

ADJOINING CLAIMS.

On the N. the Storm Cloud Lode Survey No. 38,
and the Trapezoid lode Survey No. 2110. On the E.
an unknown claim, claimant not known. On the S. the
January Lode, unsurveyed, claimant not known. On the
west the Betsy Ann lode of this Survey.

LEDGE.

The course and length of the ledge on the Pal-
metto claim is from the N.C.E. S. 31°-15' W. 580 ft.
to the S.C.E. and is traceable by croppings.

Area ----- 7.836
Conflict with Storm Cloud083
Net Area Palmetto7.753 Acres.

BETSY ANN LODGE.

Beginning at cor. No. 1
Identical with cor. of the location.

On line 1-2 of the Abbie lode Surv. No. 1660,
Fred W. Williams, claimant.

A Granite stone 10 x 12x15" set 6" in the ground
to bed rock chiseled 1 B A 2109, and raised a mon. of
stone 2 1/2 ft. base by 3 ft. high along side, whence,
U. S. Min. Mon. No. 1 Hassayampa Mining District,
bears N. 3°-7' E. 400.8 ft.

An Oak tree 7" in diam. bears N. 24°-55' E.
34.8 ft. scribed B T 1 B A 2109.

No bearings available.

Thence S. 49°-28' E.

291 To cor. No. 2 of the Abbie Lode Survey No. 1660,
and Cor. 4 of the Storm Cloud lode Survey No. 38.

300 To the N.C.E.

SURVEY NO. 2109.
BETSY ANN JODD.

Feet. Identical with the location.

In the center of cash gulch 5 ft. wide coarse $N 55^{\circ} W$. bears $S. 50^{\circ} E.$

Mon. of stones 2 1/2 ft. base by 3 ft. high.

No bearings available.

This Mon. brs. S. 32° 45' W 178.06 ft.

Up Gulch.

592.66 To cor. No. 2.

Identical with cor. of the location.

A granite stone 5 x 12 x 18" set 12" in the ground chiseled 2 B A 2109.

A Spruce tree 15" in diam. bears $N. 15^{\circ} Deg. 28' E.$ 21 ft. scribed B T 2 B A 2109.

No other bearings available.

Thence $S. 31^{\circ}-58' W.$

529.1 529.1 To cor. No. 3.

Identical with cor. of the location, and with cor. no. 2 of the Palmetto lode of this Survey.

A granite stone chiseled 3 B A 2109.

Thence $N. 49^{\circ}-28' W.$

115.27 Intersect line 4-1 of the DeVernon lode Survey No. 45, *Nath Ross, Claimant,* at a point $S. 46^{\circ}-30' W.$ 304.19 ft. from cor. No. 1.

300 To the S. C. E.

Identical with the location.

A Mon. of stone 2 1/2 ft. base by 3 ft. high.

No bearings available.

Down gradual slope.

600 To cor. No. 4.

Identical with cor. of the location.

A granite stone 9 x 15 x 22" set 10" in the ground to bedrock chiseled 4 B A 2109. and raised a Mon. of stone 2 1/2 ft. base by 3 ft. high along side.

A spruce tree 30" in diam. bears $N. 16^{\circ}-10' W.$ 29.5 ft. scribed B T 4 B A 2109.

SURVEY NO. 2109

BETSY ANN LODGE

Feet.

No other bearings available.

Thence N, 32°-45' E.

Down steep hill.

310 To the W. side Mon. Identical with the location. A mon. of stone 1 1/2 ft. base by 2 ft. high. 365.34 Intersect line 2-1 of the De Vernon lode at a

point N. 43°-30' E. 568.87 ft. from cor. No. 1.

477 Cross Cash Gulch 5 ft. wide, course N. 55° W. bears

S. 52° E.

528.06 To the place of beginning.

The variation at all the cor. is 13°-45' E.

This claim is located in the Hassayampa Mining District, Yavapai County, Arizona on unsurveyed land, in what would approximately be, if surveyed, Sec. 13 T. 12 N. R. 2. W. G & S. R. M.

ADJOINING CLAIMS.

On the N. the Abbie Lode Survey No. 1660, and the Storm Cloud lode, Survey No. 38, on the E. the Palmetto lode of this survey, on the S. The January lode unsurveyed, and the DeVernon lode, Lot No. 45; on the W. The Dunlap lode unsurveyed, W. J. Kearney claimant.

LEDGE.

The course and length of the ledge on the Betsy Ann lode is from the discovery mon. S. 32°-45' W. 350 ft. to the S. C. E. and from the discovery mon. N. 32°-45' E. 178.06 ft. to the N. C. E.

Area ----- 7.162 acres

Less De Vernon conflict 3.999

Net area 3.163 acres.

The discrepancy in the distance of the N. C. End mon's from the Dis. Mon. as monumented on the ground and as called for in the location notice is due to error in the latter.

EXPENDITURE OF FIVE HUNDRED DOLLARS PER CLAIM.

I certify that the value of the labor and improvements upon these claims, placed thereon by the claimant or his grantors, aggregates not less than Five Hundred Dollars per claim, and that said improvements consist of:

BETSY ANN LODE.

Discovery cut No. 1, 4 ft. wide by 12 ft.

long by 8 ft. face with a tunnel bearing S., 4 x 6 x

12ft long. The center of the mouth of the cut bears

S/ 2° - 35' W. 218 ft. from the N.C.E. Value \$200.00

Credit to the Betsy Ann lode; Three Hundred Dollars

in value of the Discovery Shaft^{No 1} of the Palmetto lode,

because the latter shaft is intended in depth by means

of a cross cut to develop a ledge on the Betsy Ann

claim. Value \$300.00

PALMETTO LODE.

Discovery shaft No. 1, 5 x 7 x 35 ft. deep timbered, bears N. 31° - 15' E. 27 ft. from the S.C.E. credit

to the Betsy Ann lode \$300.00 of the value of this

shaft as stated before. Net value \$50.00

Shaft No. 2, 6 x 15 x 7 ft. deep, bears N. 60° - 9'

E. 81 ft. from the S.C.E. Value \$200.00

Shaft No. 3, 6 x 8 x 6 ft. deep bears S. 33° - 6' W.

175 ft. from the N.C.E. Value \$ 70.00

Cut No. 4, 4 ft. wide by 22 ft. long by 11 ft.

deep bearing N. 10° E. the S. end of cut bears N.

49° - 28' W. 150 ft. from Cor. No. 3 Value \$350.00

Cut No. 5, 5 ft. wide by 46 ft. long by 7 ft. high

at the face bearing N. 50° E. 16 ft. to the mouth and

S. 50° W. 30 ft. to the face from a point in the cut

which bears S. 49° - 28' E. 6 ft. from the N.C.E.

Value \$300.00

This Survey was made with a Gurley light mountain transit with a Solar attachment. The courses were deflected from the Meridian as determined by Solar observations. The distances were measured with a 200 ft. steel tape.

All the corners of this survey are identical with the corners of the Palmetto and Betsey Ann lodes as surveyed under ~~the~~ instructions No. 1660 dated April 15th, 1902.

The discrepancy between the lines of the Storm Cloud and De Vernon lodes as called for in these notes and as shown in the original survey and notes is due to error in the latter.

A. B. Mader

U. S. Dep. Min. Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. B. Mader

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 Mrs. Abbie Williams

known as the Palmetto and Betsy Ann

and showing the respective capacities in which they acted.

Hilario Fierro, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

Hilario Fierro

do solemnly swear that ² ~~we~~ assisted A. B.

Mader, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Mrs. Abbie Williams

known as the Palmetto and Betsy Ann

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

Hilario Fierro, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

Subscribed and sworn to by the above-named persons before me this 28th

day of June, 1905

E. E. Board

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, A. B. Mader, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 12th, 1905, 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 Mrs. Abbie Williams, known as the Palmetto and Betsey Ann Lodes, situate in Maricopa Mining District, Yavapai County, Arizona, in Section , Township No. , Range No. and designated as Survey No. 2109, 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 her 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. B. Mader

U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. B. MaderU. S. Deputy Mineral Surveyor, before me Carroll Sanford

a Notary Public

this Twenty Fourthday of July, 1905,Carroll Sanford
Notary Public

o 4-164

My Commission expires, Sept. 28-1908

Affidavit of Five Hundred Dollars Improvements.

We, Joseph W. Hobbs and J. C. Ray

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

Palmetto and Betsy Ann mining claim^s, situate in Hassayampa mining district, Yavapai County, Arizona Territory, for which Mrs. Abbie Williams

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

her grantor^s exceed^s five hundred dollars in value, and further that we are not personally interested in said mine.

Joseph W. Hobbs
J. C. Ray

TERRITORY OF ARIZONA,
COUNTY OF Yavapai } ss:

Sworn to and subscribed before me this 11th day

[SEAL.]

of July, 1905

A. B. Mader
Notary Public

BETSEY ANN.

NOTICE OF LOCATION.

Know all men by these presents:

That I the undersigned have this day located 600 feet of this lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground 300 feet on each side of vein, with all mineral deposits contained therein, and all timber and water thereon or appurtenant thereto, according to the provisions of the United States Mining Laws.

The exterior boundaries are as follows:

Commencing at a monument of stone on west boundary line, distant 300 feet in a Westerly direction from Discovery monument; thence in a Northerly direction parallel with the ledge 300 feet to monument at N. W. corner; thence in an Easterly direction at right angles across the ledge 300 feet to monument at N. E. corner; thence in a Southerly direction parallel with the ledge 300 feet to monument at S. E. corner; thence at right angles across the ledge in a westerly direction 300 feet to a monument at S. W. corner; thence in a Northerly direction parallel with the ledge 300 feet to monument on West boundary and place of beginning.

This claim is in Hassapayre Mining District, Yavapai County, Arizona, and may be more generally described as situated about one mile in a Southerly direction from the Senator Hill and about 1000 feet West from Flints Hill, and joins the Storm Cloud mine on the South end, and shall be known as the Betsey Ann Mining Claim.

Dated on the ground this 19 day of June, 1895.

Abbie Williams.

Recorded at Request of F. W. Williams, June 20th A. D. 1895, at 2:15 o'clock P. M., in Book 42 of Mines, pages 256-7, Records of Yavapai County, Arizona.

(Seal)

F. A. Tritle,
County Recorder.

By H. O. Archibald,
Deputy.

TERRITORY OF ARIZONA,)

) ss.

County of Yavapai.

I, ROLAND MOSHER, County Recorder in and for the County of Yavapai, Territory of Arizona, and custodian of the records of said office, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of location of the "BETSEY ANN" Mining Claim, as the same appears from the records of my said office, in Book 42 of Mines, pages 256-257, records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this 20th day of June, A. D. 1895.

Roland Mosher
COUNTY RECORDER.

PALMETTO.

NOTICE OF LOCATION.

Know all men by these presents:

That I the undersigned have this day located ten hundred (1000) linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred (300) feet on each side of the centre of vein, with all mineral deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States, under which it is located.

This claim commences at this monument and notice placed upon the ledge, and runs ten Hundred (1000) feet in a northerly direction along the ledge.

The exterior boundaries are as follows, viz:-

Commencing at this monument and notice, and running Three Hundred (300) feet in an easterly direction to monument at S. E. corner of claim; thence in a northerly direction parallel with the ledge ten Hundred (1000) feet to monument at N. E. corner of claim; thence in a westerly direction at right angles across the ledge six Hundred (600) feet to monument at N. W. corner of claim; thence parallel with the lode in a southerly direction ten Hundred (1000) feet to monument at S. W. corner of claim; thence at right angles across the ledge in an easterly direction Three Hundred (300) feet to monument upon the ledge and place of beginning.

This ledge may be more generally described as situated about one mile in a southerly direction from the Bridge Crossing the Passayama at the mouth of Maple Gulch, and about 500 ft. in a westerly direction from Flints Mill on Jersey Gulch. This notice and monument is placed on or near north line of Iron Foot Mine claim to south line of Storm Cloud mine.

Passayama Mining District Yavapai County Arizona Territory, and shall be known as the Palmetto Mining Claim.

Dated on the ground, this Eighteenth -18th- day of May 1885.

Abbie Williams.

Recorded at request of Mrs. F. W. Williams June 30th A. D. 1885, at 3 o'clock P. M. in Book 31 of Mining Records, pages 220 & 221, Records of Yavapai County, Arizona.

William Wilkerson,
County Recorder.

TERRITORY OF ARIZONA,))
) ss.
County of Yavapai.)

I, ROLAND MOSHER, County Recorder in and for the County of Yavapai, in the Territory of Arizona, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the Notice of Location of the "PALMETTO" Mining Claim, as the same appears from the records of my said office in Book 31 of Mines, pages 220-221, records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, this 3th day of June, A. D. 1905.

Roland Mosher
County Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

Aug 24, 1905.

I, U. S. Surveyor-General for the 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 Mrs. Abbie Williams,

known as the Palmetto and Betsey Ann, situate in Hassayampa

Mining District, Yavapai County, Arizona.

in Section 13, Township No. 12 N., Range No. 2 W. unsurveyed, and

designated as Survey No. 2109, 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 claim by claimant or her grantors, and that said improvements consist of, or for each of, 3 shafts, 3 cuts and 1 tunnel, total value \$1,470.00

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 Prescott, Arizona.

is correct and in conformity with the foregoing Field Notes.

(Signed) Frank S. Ingalls,

United States Surveyor-General for Arizona.

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,

Phoenix, Arizona.

June 27, 1905.

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Mrs. Abbie Williams,

known as the

Palmetto and Betsey Ann,

situate in Hassayampa Mining District,

Yavapai County, Arizona.

in Section 13, Township No. 12 N., Range No. 2 W. unsurveyed

designated as Survey No. 2109

executed by A. B. Mader, U. S. Deputy Mineral

Surveyor, June 27th-28th 1905, 1905, under my instructions dated

June 12th 1905, 1905, 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. A true copy of the copy of the location certificate filed by the applicant.. for

survey is included in the field notes.

Frank A. Sigafoos

U. S. Surveyor-General for Arizona.

Survey No. 2109.
Prescott Land District
Surveyed June 27-28, '05.
by A. B. Mader, U.S. Dep. Min. Surv.
Scale 300' to an in.



To U.S.M.M. No. 1
H.M.D.

