

4-683

MINERAL SURVEY No. 3686

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Mrs. Margaret S. Deam,

KNOWN AS THE

RAIL ROAD and GOLD STANDARD Lodes

Fig Bug Mining District,

Yavapai County, Arizona.

^{Unsur,}
Section a 15-16-21-22, Township 12 North, Range 1 East G&SRP&M

Surveyed under instructions dated June 24th., 19 20.

by Harry E. Jones,
U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced July 8th., 1920.

Survey completed July 11th., 1920.

Address of claimant Gibbs & Gibbs Attys.
Box 528; Phoenix, Arizona.

DATES OF AMENDED LOCATIONS.

See location notices.

1
MINERAL SURVEY NO. 3686

Feet	RAIL ROAD Lode
	Beginning at the true point for Cor. No. 1 Identical with the true point for Cor. No. 1 Gold Standard lode this survey, which point falls in the bed of Big Bug Creek; whence the location monument point, also falling in the bed of Big Bug Creek bears S. 0° 02' E. 10.0 ft., and the Witness location monument common to Cor. No. 1 of this ^{lode,} and the Gold Standard lode bears S. 58° 53' W. 113.0 ft. Witness Cor. No. 1; identical with Witness Cor. No. 1, of the Gold Standard lode this survey; A 3ft. $\frac{3}{4}$ in. iron pipe with a round screw brass cap marked U.S. MINERAL SURVEY NO. 3686- WC-RR-1-WC-GS-1; set 18ins. in ground and surrounded with a substantial mound of earth and rock; ^{and} bears N. 0° 02' W. 107.26 ft.
	The corner common to Sections 15-16-21-22; T. 12 N. R. 1 E. G&SRB&M. bears N. 9° 33' E. 360.38 ft.
	No other suitable bearings available.
	Thence N. 0° 02' W.
	Along line 1-4 Gold Standard lode this survey.
87.75	Intersect NE. bank of Big Bug Creek, course SE.
92.75	Intersect fence course NW. and SE.
107.26	Intersect Witness Cor. No. 1 previously described.
254.25	Intersect fence course NW. and SE.
279.25	Cross center of road course NW. and SE.
355.25	Intersect the section line common to Sections 16-21; T. 12 N. R. 1 E. whence the section corner bears East 60.0 ft. and the $\frac{1}{4}$ section corner bears West 2579.60 ft.
1500.00	To Cor. No. 2 The location monument bears N. 0° 02' W. 114.0 ft. Identical with Cor. No. 4 Gold Standard lode this survey. A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in round screw brass cap marked U.S. MINERAL SURVEY NO. 3686-RR-2-GS-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 63° 56' E.
66.78	Intersect the section line common to Sections 15-16; T. 12 N. R. 1 E. whence the section corner bears S. 0° 02' E.

Feet	1174.06 ft. and the $\frac{1}{4}$ section corner bears N.0°02'W. 1464.64 ft.
333.80	To North End Center. A substantial mound of stone, whence the location monument bears N. 3° 40' W. 79.0 ft.
647.00	Cross center of road course NW. and SE.
667.60	To Cor. No. 3 A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO. 3686-RR-3; set 18ins. in ground and surrounded with a substantial mound of earth and rock. The location monument bears N.13°45'E.102.0 ft. No suitable bearings available. Thence S. 1° 25' W.
33.00	Cross center of road course NW. and SE.
1439.12	Intersect the section line common to Sections 15 & 22; T. 12 N. R. 1 E. whence the section corner bears N.89°56'W. 503.44 ft. and the $\frac{1}{4}$ section corner bears S.89°56'E. 2134.0 ft.
1519.13	To Cor. No. 4 Identical with the location monument: A 3ft. $\frac{1}{2}$ in. iron pipe with a 2in. round screw brass cap marked U.S.MINERAL SURVEY NO.3686-RR-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available. Thence S. 63° 56' W.
291.03	To South End Center. A substantial mound of stone, whence the location monument bears S.59°35'W. 117.0 ft.
448.53	Cross center of road course NW. and SE.
459.83	Intersect fence, course NW. and SE.
541.83	Intersect fence, course NW. and SE.
544.83	Intersect NE. bank of Big Bug Creek course SE.
558.05	Intersect the section line common to Sections 21 & 22; T. 12 N. R. 1 E. whence the section corner bears N.0°02'W. 325.94 ft. and the $\frac{1}{4}$ section corner bears S.0°02'E.2313.66ft.
624.83	To the true point for Cor. No.1 the place of beginning.

Feet	GOLD STANDARD Lode
	Beginning at true point for Cor. No. 1.
	Identical with true point for Cor. No. 1 Rail Road lode this survey previously described.
	The location monument point bears S. 0° 02' E. 10.0 ft.
	The witness location monument bears S. 58° 53' W. 113.0 ft.
	Witness Cor. No. 1; identical with Witness Cor. No. 1 Rail Road lode this survey previously described bears N. 0° 02' W. 107.26 ft.
	The corner common to Sections 15-16-21 22 ; T. 12 N. R. 1 E. G&SRB&M. bears N. 9° 35' E. 360.38 ft.
	No other suitable bearings available.
	Thence S. 63° 56' W.
78.00	Intersect NE. bank of island.
160.00	Intersect SW. bank of island.
227.00	Intersect SW. bank of Big Bug Creek, course SE.
333.80	To South End Center.
	A substantial mound of stone, whence the location monument bears S. 63° 56' W. 80.0 ft.
454.93	Intersect center line Prescott & Eastern Ry. course NW. & SE.
667.60	To Cor. No. 2
	A 3ft. $\frac{3}{4}$ in. iron pipe with a 2in. round screw brass cap marked U.S. MINERAL SURVEY NO. 3686-GS-2; set 18ins. in ground and surrounded with a substantial mound of earth and rock. Whence the loc. mon. bears S. 63° 56' W. 70.0 ft.
	The SW. corner of the Overlooked Placer, Uns., bears N. 6° 23' E. 475.57 ft. No other bearings available.
	Thence N. 0° 02' W.
426.60	Intersect center line Prescott & Eastern Ry. course NW. & SE.
587.44	Intersect the SW. side line of Overlooked Placer, whence the SW. corner bears S. 24° 52' E. 126.55 ft.
648.56	Intersect the section line common to Sections 16 21 ; T. 12 N. R. 1 E. whence the section corner bears East 659.90 ft. and the $\frac{1}{4}$ section corner bears West 1979.70 ft.
1323.00	Intersect fence, course NE. and SW.
1450.00	Intersect 2in. pipe line course NE. and SW.
1500.00	To Cor. No. 3

Feet A 3ft. $\frac{5}{8}$ in. iron pipe with a 2in. round screw brass cap
 marked U.S. MINERAL SURVEY NO. 3686-GS-3; set 24ins. in
 ground and surrounded with a substantial mound of earth
 and rock. Whence the loc. mon. bears N. 0° 02' W. 174.0 ft.
 The NE. corner of the Overlooked Placer, Uns. bears N. 0° 31'
 E. 594.63 ft. No other bearings available.
 Thence N. 63° 56' E.
 65.50 Intersect fence, course NW. and SE.
 77.50 Intersect W. bank of Big Bug Creek, course S.
 254.96 Intersect the NE. side line of Overlooked Placer, Uns.,
 whence the NE. corner bears N. 24° 52' W. 531.88 ft. and the
 SE. corner bears S. 24° 52' E. 833.12 ft., whence ^{the} S.W. Cor. brs.
 S. 53° 53' W. 650.70 ft.
 277.70 Intersect the E. bank of Big Bug Creek, course SE.
 303.70 Cross center of road, course NW. and SE.
 333.80 To North End Center.
 A substantial mound of stone, whence the location monument
 bears N. 4° 47' W. 110.0 ft.
 667.60 To Cor. No. 4
 Identical with Cor. No. 2 Rail Road lode this survey pre-
 viously described; whence the Loc. mon. bears N. 0° 02' W. 114.0 ft.
 Thence S. 0° 02' E.
 Along line 2-1 Rail Road lode this survey.
 1144.75 Intersect the section line common to Sections 16 & 21; T.
 12 N. R. 1 E. whence the section corner bears East 60.0 ft
 and the $\frac{1}{4}$ section corner bears West 2579.70 ft.
 1220.75 Cross center of road, course NW and SE.
 1243.75 Intersect fence, course NW and SE.
 1392.74 Intersect Witness Cor. No. 1 identical with witness Cor. 1
 Rail Road lode this survey previously described.
 1407.25 Intersect fence, course NW and SE.
 1412.25 Intersect NE. bank Big Bug Creek, course SE.
 1500.00 To Cor. No. 1 point; the place of beginning.

 Mean Magnetic variation at all corners 15° 10' E.

LODE LINES

As near as can be determined from the present development the veins of the several locations embraced in this claim extend as follows from their respective discovery points:
 Rail Road lode; N.0°02'W.1300.0ft. and S.0°02'E. 200.0 ft.
 Gold Standard lode; N.0°02'W.270.0ft. and S.0°02'E.1230.0ft.

 AREA

Total area Rail Road lode, 19.994 Acres.
 Total area Gold Standard lode, 20.656 Acres.
 Area in conflict with---
 Overlooked Placer Uns. 9.430 Acres.

 LOCATION

This survey is located in the SW $\frac{1}{4}$ of Section 15; Uns. in the SE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 16; in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 21, and in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 22; T. 12 N. R. 1 E. G&SRB&M. Big Bug Mining District, Yavapai County, Arizona.

 EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements made upon or for the benefit of each of the locations embraced in said mining claim by the claimant or her grantors is not less than Five Hundred Dollars, and that said improvements consist of:

Rail Road Lode

No.1 Dis. point, an outcropping ledge, bears N.0°02'W. 200.0 ft. from the South End Center.	Value \$ 612.50
No.2 shaft 6x9.5x24.5 ft. deep partially timbered, bears N.21°05'W. 214.0 ft. from the South End Center.	
No.3 cut 2x5x2.5 ft. facing W. bears N.37°36'W. 293.0 ft. from the South End Center.	Value \$ 15.00
No.4 shaft 5x6x6 ft. deep bears S.8°45'E. 753.0ft. from the North End Center.	Value \$ 60.00
No.5 shaft 5x5x4 ft. deep bears S.3°39'E. 470.0 ft. from the North End Center.	Value \$ 40.00

No.6 shaft 6x6x3 ft. deep, bears S.9°40'W. 443.0 ft. from the North End Center. Value \$ 30.00

Gold Standard Lode

No.1 Dis. Point an outcropping ledge, bears S.0°02'E. 270.0 ft. from the North End Center.

No.2 cut 5x5x2 ft. facing W. bears S.30°17'W. 477.0 ft. from Cor. No.4 Value \$ 25.00

No.3 shaft 4x6x35 ft. deep caved, bears S.2°15'W. 640.0ft. from Cor. No. 4 Value \$ 500.00

No.4 shaft 5x5x35 ft. deep concrete curbed, with pump pit adjoining NE. side of shaft 6x6x6 ft. concrete curbed,

bears S.11°12'E. 50.0 ft. from Cor. No. 3, This shaft, while dug as a shaft for mining, is at present used as a well and was concreted for that purpose. Value \$ 875.00

OTHER IMPROVEMENTS

An old well 4x4x25 ft deep filled, wind-mill and pump, bear S.29°40'E. 52.0 ft. from Cor. No. 3 Gold Standard lode.

INSTRUMENT

This survey was made with a W.&L.E. Gurley light mountain transit.

The courses were deflected from a true meridian determined by direct solar observations.

The distances were measured with 50 and 660 ft. steel tapes.

REPORT

The lines of the several lodes of this claim were run upon the ground, and the corners established by measurements along these lines.

All tie lines were run directly upon the ground.

The Public land corners to which this survey is tied are all bronze capped pipe, properly set and marked.

All location monuments were posts surrounded with a mound of stone.

Harry E. Jones
U. S. Mineral Surveyor.

The witness location monument common to Cor. No.1 of the Rail road and Gold Standard lodes, while not mentioned in the location notice, was identified to me as a witness location corner and the claimant stated that it belonged about 110 ft. to the N. E. of its position, as I have shown it.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Harry E. Jones

United States 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. Margaret S. Deam,

known as the RAIL ROAD and GOLD STANDARD Lodes

and showing the respective capacities in which they acted.

J. L. Jones, *Chainman.*

Mat Linton, *Chainman.*

Arman.

Flagman.

FINAL OATHS OF ASSISTANTS.

We, J. L. Jones and

and Mat Linton, do solemnly swear that we assisted

Harry E. Jones, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Mrs. Margaret S. Deam,

known as the RAIL ROAD and GOLD STANDARD Lodes

represented in the foregoing field notes as having been surveyed by said 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. L. Jones, *Chainman.*

Mat Linton, *Chainman.*

Arman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 12th.

day of July, 1920.

Roy C. Walter

Notary Public.

My commission expires Oct 15 1920.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Harry E. Jones, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 24th. 1920., 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. Margaret S. Deam, known as the RAIL ROAD and GOLD STANDARD Lodes, situate in Big Bug Mining District, Yavapai County, Arizona, in Section 15, Unsur, 16-21-22, Township No. 12 N., Range No. 1 East G&SRB&M., and designated as Survey No. 3686, 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.

Harry E. Jones
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Harry E. Jones
U. S. Mineral Surveyor, before me a Notary Public in and for County
of Yavapai, State of Arizona. this 12th.
day of July, 1920.

Roy C. Nalton
Notary Public.

My Commission expires Oct 15 1920.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

August 25, 1920.

I, U. S. Surveyor-General for 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. Margaret S. Deam

known as the RAIL ROAD and GOLD STANDARD Lodes

situate in Big Bug

Mining District, Yavapai County, Arizona

in Section s 15, Unsur. 16, 21 & 22, Township No. 12 N., Range No. 1 E., and

designated as Survey No. 3686, 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 each of said mining claims by claimant or her grantors, and that said improvements consist of 6 shafts, 2 cuts and 1 pit, total value \$2,157.50

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 Phoenix,

Arizona, is correct and in conformity with the foregoing Field Notes.

Frank P. Trott,

United States Surveyor-General for Arizona.

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

August 25, 19 20.

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

Mrs. Margaret S. Deam

, known as the

RAIL ROAD and GOLD STANDARD Lodes

situate in Big Bug mining district,

Yavapai County, Arizona

21 & 22

in Sections 15, Unsur. 16, Township No. 12 N., Range No. 1 E.

, designated as Survey No. 3686

executed by Harry E. Jones, U. S. Mineral

Surveyor, July 8 - 11, 19 20 under my instructions dated

June 24, 19 20, 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. The certified copy of the location certificate filed by the applicant for survey is on file in this office and a true copy of said certified copy of said location certificate is included and made a part of the transcript of the field notes.

U. S. Surveyor General for Arizona.