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7/1/02

(4-683.)

Mineral Survey No. 1646

Lot No. \_\_\_\_\_

Prescott Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ed. W. Wells and Sarah M. Rush

KNOWN AS THE

Rail Road

Hesseyampa Mining District.

Yavapai County, Arizona

Section Approximately Township 17 N, Range 5 W

Surveyed under instructions dated March 27, 1902

by J. J. Fisher  
U. S. Deputy Mineral Surveyor

Claim located Oct. 1<sup>st</sup>, 1880

Survey commenced April 29<sup>th</sup>, 1902

Survey completed April 29<sup>th</sup>, 1902

6-163

Address  
Ed. W. Wells  
Prescott  
Arizona



# PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, E. H. Draper and Fred J. Smith, 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 Ed. W. Wells and Sarah M. Rush

known as the Rail Road,  
situate in Hassayampa mining district,  
Yavapai County, Arizona,  
in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

E. H. Draper, Chainman.

Fred J. Smith, Chainman.

Subscribed and sworn to by the above-named persons before me this 29<sup>th</sup> day of April, 1802  
My commission expires May 10, 1904

J. J. Fisher  
Notary Public

I, Fred J. Smith, 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 Ed. W. Wells and Sarah M. Rush

known as the Rail Road,  
more fully described in the preceding affidavit.

Fred J. Smith, Axeman.

Subscribed and sworn to by the said Fred J. Smith before me this 29<sup>th</sup> day of April, 1802  
My commission expires May 10, 1904

J. J. Fisher  
Notary Public

I, E. H. Draper, 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 Ed. W. Wells and Sarah M. Rush

known as the Rail Road,  
more fully described in the preceding affidavit.

E. H. Draper, Flagman.

Subscribed and sworn to by the said E. H. Draper before me this 29<sup>th</sup> day of April, 1802  
My commission expires May 10, 1904

J. J. Fisher  
Notary Public



## S u r v e y N o . 1646

Feet

RAIL ROAD LODE

Beginning at initial monument of location;

T h e n c e S. 14°28' E.

Var. 14° E.

919 To S.C.E.;

Identical with S.C.E. of location;

A porphyry stone 6x10x24 inches set 1 foot in ground alongside mon. of stones 3 x 3 feet, stone marked R.R. No. 1646;

T h e n c e S. 74°45' W.

Var. 14° E.

300 To corner No. 1;

A porphyry stone 4x8x24 in. set 1 foot in ground alongside a mon. of stones 3 x 3 feet, stone marked R.R. No. 1-1646;

A cross on a porphyry rock in place marked B.R. R.R. No. 1-1646, bears S. 79°35' W. 14 feet;

A cross on a porphyry rock in place marked B.R. R.R. No. 1-1646, bears N. 84°15' W., 27.5 feet;

U.S.L.M. No. 1169, H.D., bears S. 36°21' E. 1280.1 feet;

Corner No. 12 Gold Treasure Lode, Survey No. 1169 bears S. 30°45' E., 534 feet;

T h e n c e N. 14°28' W.

Var. 14° E.

1319 To corner No. 2;

A porphyry stone 6x8x24 in. set 1 foot in ground alongside a mon. of stones 3 x 3 feet, stone marked R.R. No. 2-1646;

## Survey No. 1646

Feet

A cross on a cedar tree 6 in. in diameter  
marked B.T. R.R. No. 2-1646, bears N.24° W. 66.5 feet;

Thence N.74°45' E.

Var. 14° E.

300 To N.C.E.

A porphyry stone 6x15x24 in. set 1 foot in ground  
alongside a mon. of stones 3 x 3 feet, stone marked  
N.C.E. R.R. No. 1646;

600 To corner No. 3;

A porphyry stone 6x8x24 in. set 1 foot in ground  
alongside a mon. of stones 3 x 3 feet, stone marked  
R.R. No. 3-1646;

A cross on a porphyry rock in place marked  
B.R. R.R. No. 3-1646 bears S. 8°W. 33.9 feet;

Thence S.14°28' E.

Var. 14° E.

1319 To corner No. 4;

A porphyry stone 8x14x24 in set 1 foot in ground  
alongside a mon. of stones 3 x 3 feet, stone marked  
R.R. No. 4-1646;

No bearings available.

Thence S. 74°45' W.

Var. 14° E.

300 To S.C.E., the place of beginning survey of exterior  
boundaries.



## Survey No. 1646

Feet

Area.

RailRoad Lode

18.167 acres.

Location.

This claim is located on unsurveyed land, approximately in T. 12 N., R. 2 W., G. & S.R.B. & M. in Hassayampa Mining District, Yavapai County, Arizona Territory.

Vein.

Rail Road Vein extends South  $14^{\circ}28'$  E. 919 feet and North  $14^{\circ}28'$  W., 400 feet from initial monument.

Boundaries.

Rail Road Lode is bounded as follows:

On the South by Virgin Lode, unsurveyed;

On the West by the Husted Lode, unsurveyed;

On the North by Horse-shoe Lode, unsurveyed; and  
Gold Leaf Lode, unsurveyed;

On the East by Government Land.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors, is not less than Five Hundred Dollars; and that said improvements consist of:

Discovery Cut No. 1, which bears from N.C.E. Monument S.  $14^{\circ}28'$  E., 375 feet; cut 4x20 feet, 8 foot face;

VALUE

\$100.00

Shaft No. 2, which bears from N.C.E. Monument, S.  $14^{\circ}28'$  E., 335 feet, shaft 4x6 feet, 35 feet deep,

VALUE

350.00

## S u r v e y No. 1646.

Feet	Shaft No. 3, which bears from S.C.E. monument North 14°28' W., 315 feet; shaft 4 x 6 feet, 10 feet deep;	
	<u>VALUE</u>	\$100.00
	Tunnel No. 4, which bears from S.C.E. monument N.14° 28' W. 20 feet; tunnel 4 x 6 feet, 40 feet long;	
	<u>VALUE</u>	\$400.00
	Tunnel No. 5, which bears from corner No. 1, N.10° 26' E., 550 feet; tunnel 4x6 feet, N.24°30' W., 200 feet;	
	<u>VALUE</u>	2000.00
	Air Shaft No. 6, which bears from corner no. 1, N. 4°22' E., 660 feet; shaft 4 x 6 feet, 45 feet deep; connecting with tunnel No. 5;	
	<u>VALUE</u>	\$450.00
	<u>TOTAL VALUE OF IMPROVEMENTS</u>	\$3400.00

I n s t r u m e n t .

This survey was made with a Gurley Light Mountain Solar Transit. The courses were deflected from the true meridian, as determined by direct solar observation. The distances were measured with a 100 foot steel chain.

*J. J. Fisher*  
United States  
Deputy Mineral Surveyor.

Prescott, Arizona,  
30 April, 1902.



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LIST OF NAMES.

A list of the names of the individuals employed by J. J. Fisher  
 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 Ed. W. Mills & Sarah M. Rusk  
 known as the Rail Road  
 and showing the respective capacities in which they acted.

E. H. Draper, Chairman.  
Fred J. Smith, Chairman.  
Fred J. Smith, Axman.  
E. H. Draper, Flagman.

FINAL OATHS OF ASSISTANTS.

We, E. H. Draper  
 and Fred J. Smith, do solemnly swear that we assisted J. J. Fisher  
Fisher, United States Deputy Mineral Surveyor, in marking the corners and  
 surveying the boundaries of the mining claim of Ed. W. Mills and  
Sarah M. Rusk

Rail Road, known as the \_\_\_\_\_, 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  
Wyoming.

E. H. Draper, Chairman.  
Fred J. Smith, Chairman.  
Fred J. Smith, Axman.  
E. H. Draper, Flagman.

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

My commission expires this 29<sup>th</sup> day of April, 1902  
May 19, 1904

J. J. Fisher  
 Notary Public



FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, J. J. Fisher, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 27-1902, 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 Ed. W. Wells and Sarah M. Rush, known as the Rail Road, situate in Harveyumpa Mining District, Yavapai County, Arizona in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_ and designated as Survey No. 1646, 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.

J. J. Fisher  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said J. J. Fisher  
U. S. Deputy Mineral Surveyor, before me Allen Hill,  
a notary Public this 16<sup>th</sup>  
day of July, 1902. My Commission expires Jan 23. 1903

Allen Hill  
Notary Public -

Prescott, A. S.



Affidavit of Five Hundred Dollars Improvements.

We, Ed H. Draper, and Fred J. Smith

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Rail Road mining claim, situate in Hessayampa Mining district, Yavapai County, Arizona Territory, for which Ed H. Mills and Sarah W. Rusk

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

Ed H. Draper  
Fred J. Smith

TERRITORY OF ARIZONA, }  
County of Yavapai } ss:

Sworn to and subscribed before me, this 29<sup>th</sup> day of April, 1892

J. J. Fisher  
Notary Public

My commission expires  
May 12, 1894



"RAIL ROAD"

NOTICE OF LOCATION.

KNOW ALL MEN BY THESE PRESENTS: That we the undersigned have this day located Fifteen Hundred (1500) 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 center 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 United States Mining Laws under which it is Located.

This claim commences at this Monument and Notice placed upon the Ledge and runs four hundred feet in a Northerly direction and Eleven Hundred feet in a Southerly direction along the ledge.

The exterior boundaries are as follows, viz:

Commencing at a Monument of Stone on West boundary line, distant Three Hundred (300) feet in a Westerly direction from Discovery Monument; thence in a Northerly direction parallel with the ledge four hundred feet to Monument of Stone at N. W. corner of claim; thence in an Easterly direction at right angles across the ledge Six Hundred (600) feet to Monument of Stone at N. E. corner of claim; thence in a Southerly direction parallel with the ledge Fifteen Hundred (1500) feet to Monument of stone at S. E. corner of claim; thence at right angles across the ledge in a Westerly direction Six Hundred (600) feet to Monument of Stone at S. W. corner of claim; thence in a Northerly direction parallel with the ledge eleven hundred feet to Monument on West boundary and place of beginning.

This ledge may be more generally described as situated on the dividing ridge between the Hassayampa Creek and Slate Creek about three miles in a Southerly direction from Jennings Camp about two miles east from the Hassayampa Creek and one mile easterly from the Montgomery trail from Prescott to Walnut Grove, in the Hassayampa Mining District, Yavapai County, Arizona Territory, and shall be Known as the RAIL ROAD mining claim.

Dated on the ground this first day of October, 1880.

E. H. Ferris  
Wm. Jennings.

Recorded at the request of E. H. Ferris, October 19th A. D. 1880, at 1:40 P.M. in Book K.10 of Mines, Records of Yavapai County, Arizona, at pages 31 & 32.

William Wilkerson, County Recorder.  
By W. G. Foster, Deputy.

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Territory of Arizona,)

:SS.

County of Yavapai. )

I, P. J. FARLEY, 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 "RAIL ROAD" mining claim, as the same appears of record in my office in Book K.10 of Mines, at pages 31 & 32, Records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 23rd day of October, A. D. 1902.

P. J. Farley  
County Recorder.

By J. E. Wacker  
Deputy 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,

*Phoenix, Arizona*

*Oct. 14, 1902, 1901*

I, U. S. Surveyor General for *Arizona*,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of *Ed W. Wells and*

*Sarah M. Rush*

, known as the

*Rail Road*

situate in *Hassayampa* mining district,

*Yavapai* County, *Arizona*

in Section \_\_\_\_\_, Township No. \_\_\_\_\_, Range No. \_\_\_\_\_

, designated as Survey No. *1646*

executed by *J. J. Fisher*, U. S. Deputy Mineral

Surveyor, *April 29, 1902*, 18 \_\_\_\_\_, under my instructions dated

*March 27, 1902*, 18 \_\_\_\_\_, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

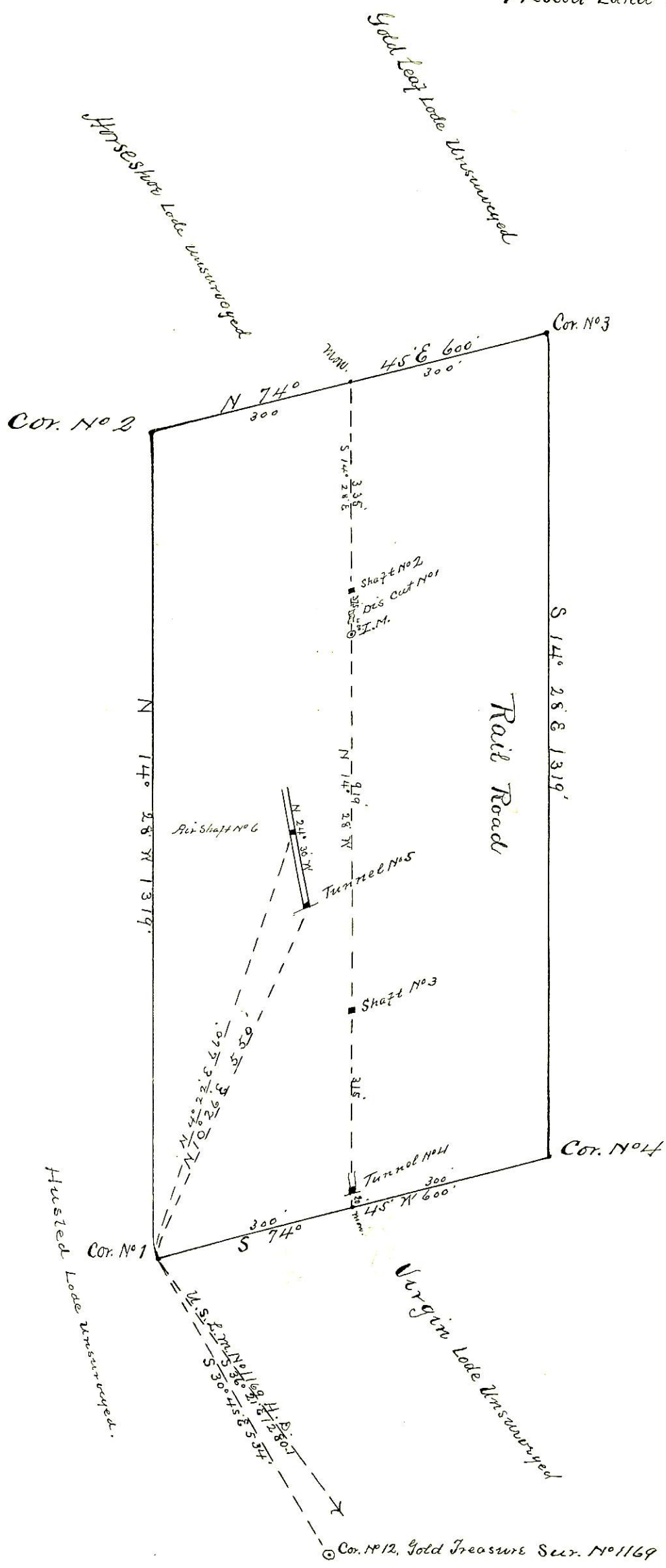
the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes.

*Hugh H. Price*  
*Arizona*

U. S. Surveyor General for \_\_\_\_\_





Surveyed April 29, 1902  
 by J. J. Fisher  
 U. S. D. M. S.