

Oct. 9, 1945  
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UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4294

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

F. N. Bard,

Known As The

FOY No. 1 Lode

Tip Top Mining District,

Yavapai County, Arizona

Sections 4 and 33, Township 8 and 9 N., Range 1 E., G. & S.R.M.

Surveyed under instructions dated July 17, 1945

by Harry E. Jones,  
Mineral Surveyor. G.L.O.

Claim located July 1, 1938,

Survey commenced Aug. 25, 1945,

Survey completed Aug. 26, 1945,

Address of claimant Moer & Moer, Attys.  
210 Phoenix Nat'l. Bank Bldg.  
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

Var. 14° 27' E

## SURVEY NO. 4294

Feet Mineral Survey No. 4294 was made with a W. & L.E. Gurley light mountain transit, with a horizontal limb  $5\frac{1}{2}$  inches diameter, having two double opposite verniers, and a full vertical circle  $4\frac{1}{2}$  inches diameter having one double vernier, both verniers reading to single minutes of arc; the eyepiece is equipped with a colored glass shutter prismatic attachment for making direct observations on the sun. The instrument was in good condition and adjustment at the time of this survey. A p.m. altitude observation of the sun for azimuth was made on the center line of this lode survey, details of which observations are shown in the calculations on the accompanying sheet herewith submitted for examination. All azimuths in this record are referred to the reference line thus determined, by the method of deflection angles and calculated courses.

The courses were measured with a K&E 300 ft. steel tape graduated every foot, with end foot in hundredths and a K&E 100 ft. steel tape graduated to feet and hundredths; both tapes were compared for standard length at the time of survey and found to be correct.

All lines and connections of this survey were run by direct methods.

The mean magnetic variation at each corner of this survey was observed to be  $14^{\circ}27'$  E.

## FOY No. 1 LODE

Beginning at Cor. No. 1

Identical with the loc. mon. and the NW. corner Foy No. 2 lode, unsurveyed.

A  $3\frac{1}{2}$  ft.  $\frac{3}{4}$  inch galv. pipe with a 2 inch round brass cap marked U.S. MINERAL SURVEY NO. 4294-FNo. 1-1; set 18 in. in ground and surrounded with a substantial mound of earth and rock.

The corner common to Sections 4 and 5; T. 8 N. R. 1 E. and Sections 32 and 33; T. 9 N. R. 1 E. G&SRM. bears  $N. 21^{\circ}06' W.$  874.12 ft. No other suitable bearings available.

feet	Thence N.14° 40'E.
250.00	Enter bed of Cottonwood wash, course SEly.
340.00	Leave bed of Cottonwood Wash, course SEly.
1500.00	To Cor. No. 2
	Identical with loc. mon. and the SW. corner of Foy No.4 lode unsurveyed.
	A 3½ ft. ¾ inch galv. pipe with a 2 in. round brass cap marked U.S.MINERAL SURVEY NO.4294-FNo.1-2; set 18 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence S.75° 20'E.
	Along the south end line of Foy No.4 lode unsurveyed.
300.00	Intersect the North end of the lode line at the original location for the North End Center, being a substantial mound of earth and rock, identical with the South End Center of Foy No.4 lode unsurveyed.
600.00	To Cor. No. 3
	Identical with the loc. mon. and the SE. corner of Foy No.4 lode, unsurveyed.
	A 3½ ft. ¾ inch galv. pipe with a 2 inch round brass cap marked U.S.MINERAL SURVEY NO.4294-FNo.1-3; set 18 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence S.14° 40'W.
1082.00	Enter bed of wash, course Southerly.
1142.00	Leave bed of wash, course Southerly.
1400.00	Enter bed of same wash, course SEly.
1440.00	Leave bed of same wash, course SEly.
1500.00	To Cor. No. 4
	Identical with loc. mon. and NE. corner Foy No.2 lode unsurveyed.
	A 3½ ft. ¾ inch galv. pipe with a 2 inch round brass cap marked U.S.MINERAL SURVEY NO.4294-FNo.1-4; set 24 ins. in ground and surrounded with a substantial mound of earth and rock.
	A cross on the NW. portion of a boulder 20 ft x 30 ft. x 8 ft. above ground, marked BxR. 4294-FNo4-4 bears S.75°20'E.

Feet	33.52 ft. No other suitable bearings available. Thence N.75°20'W. Along the North end line of Foy No:2 lode, unsurveyed. 300.00 Intersect the South end of the lode line at the original location for the South End Center, being a substantial mound of earth and rock, identical with the North End Center of Foy No.2 lode unsurveyed. 315.00 Cross center of road, bearing northeasterly and southeasterly. 417.00 Enter bed of Cottonwood Wash; course southeasterly. 468.00 Leave bed of Cottonwood Wash, course southeasterly. 600.00 To Cor. No. 1 the place of beginning.
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#### LODE LINE

The presumed course of the vein of the lode location embraced in this survey, counted from the point of discovery, is as follows:

Foy No.1 lode; N.14°40'E. 717 ft. and S.14°40'W. 783 ft.

#### AREA

Total area Foy No.1 lode, 20.661 Acres

#### LOCATION

This survey is located in Lot 4, Section 4; T. 8 N. R. 1 E. and the SW $\frac{1}{2}$ SW $\frac{1}{2}$  of Section 33; T. 9 N. R. 1 E. G&SRM. Yavapai County, Arizona.

#### EXPENDITURE OF \$500

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

No.1 Disc. cut 7 ft.x 31 ft. with 15 ft. face, with tunnel 4x6x 45 ft. long to shaft 7x9x28 ft. to surface, from which a tunnel 4x6x125 ft. long extends NEly. along the vein. The mouth of this cut bears S.14°40'W. 717 ft. from the North End Center. This entire working was caved in and was cleaned out, timbered where needed and entirely rehabilitated for mining purposes by the claimant. Value \$400.00

No.2 shaft 5x9x80 ft. deep, timbered, bears S.23°07'W.  
199.50 ft. from the ~~777~~ 777 ft. point on the center line, from

the North End Center. At the 45 ft. level in this shaft, a drift to the NE. on the vein is 4x6x52 ft. long.

At the 80 ft. level a drift to the SW. on the vein is 4x6x60 ft. long and a drift to the NE. on the vein is 4x6x190 ft. long. The sinking of the shaft to the 45 ft. level and the drift on that level was done by former claimants. The work of sinking the shaft from the 45 ft. level to the 80 ft. level and the drifts from the 80 ft. level was done by the claimant herein, as was the work of timbering the whole depth of the shaft. value \$5075.00

#### OTHER IMPROVEMENTS

The NE. corner of a sheet iron change house 12'x14' bears S.20°61'W. 163 ft. from the 777 ft. point on the center line.

The NE. corner of a sheet iron 8'x10' hoist house bears S.25°25'W. 196.2 ft. from the 777 ft. point on the center line.

The NE. corner of a sheet iron shop bldg. 12'x30' bears S.29°59'W. 201 ft. from the 777 ft. point on the center line.

A gallows frame has been erected over No.2 shaft with an 8'x10' lumber ore bin attached to the east side.

A frame 16'x34' mess and bunk house, the SE. corner of which bears N.32°40'W. 17.67 ft. from the ~~99.94~~<sup>99.94</sup> ft. point on the center line, from the South End Center.

#### OTHER CORNER DESCRIPTIONS

The section corner to which this survey is tied is a standard G.L.O. brass capped pipe, properly set and marked.

*Henry P. Jones*  
Mineral Surveyor G.L.O.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

**FINAL OATHS FOR SURVEYS**

**LIST OF NAMES**

A list of the names of the individuals employed by Harry E. Jones,  
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 \_\_\_\_\_  
F. N. Bard,  
known as the FOY No. 1 Lode,  
and showing the respective capacities in which they acted.

- W. V. Washburn, \_\_\_\_\_, *Chainman.*
- Marion Halstead, \_\_\_\_\_, *Chainman.*
- \_\_\_\_\_, \_\_\_\_\_, *Azman.*
- \_\_\_\_\_, \_\_\_\_\_, *Flagman.*

**FINAL OATHS OF ASSISTANTS**

We, W. V. Washburn  
and Marion Halstead, 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 \_\_\_\_\_  
F. N. Bard,  
known as the FOY No. 1 Lode,  
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 Office Cadastral Engineer, at Phoenix, Arizona.

W. V. Washburn, \_\_\_\_\_, *Chainman.*  
Marion Halstead \_\_\_\_\_, *Chainman.*  
\_\_\_\_\_, \_\_\_\_\_, *Azman.*  
\_\_\_\_\_, \_\_\_\_\_, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 8th,

day of October, 19 45

*[Signature]*  
\_\_\_\_\_  
Notary Public.

*[W. J. Waller]*

My Commission expires 7-22-49.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, Harry E. Jones, Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the Office Cadastral  
Engineer, at Phoenix, Arizona, dated July 17, 1945,  
I have, in strict conformity to the laws of the United States, the official regulations  
and instructions thereunder, and the instructions of said Office Cadastral Engineer,  
faithfully and correctly executed the survey of the mining claim of \_\_\_\_\_  
F. N. Bard, known as the  
FOY No. 1 Lode,  
situate in Tip Top Mining District,  
Yavapai County, Arizona, in Section S  
4 and 33, Township No. 8 and 9 N., Range No. 1 E. G. & S. R. M.  
and designated as Survey No. 4294, 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 Office Cadastral Engineer  
with said instructions, and that all 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 im-  
provements made upon said mining claim by claimant or his grantors  
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  
(Mineral Surveyor)

Subscribed and sworn to by the said Harry E. Jones,  
Mineral Surveyor, before me a Notary Public,

\_\_\_\_\_ this 8th.  
day of October, 1945,

My Commission expires 7-22-49 W. J. Wasson  
Notary Public,

CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States  
Department of the Interior  
GENERAL LAND OFFICE  
PUBLIC SURVEY OFFICE

Phoenix, Arizona

December 3, 1945

I, Office Cadastral Engineer Phoenix, Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of F. N. Bard

known as the FOY No. 1 lode

situate in Tip Top

Mining District Yavapai County Arizona

in Sections 4 & 33, Townships No. 8 & 9 N., Range No. 1 E., and

designated as Survey No. 4294, 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.

I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant or his grantors,

and that said improvements consist of cleaning and timbering old workings, with 35 ft. of shaft and 250 ft. of drifts. Total value \$5475.00

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 District Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

E. A. Thompson  
Office Cadastral Engineer.

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM

UNITED STATES DEPARTMENT OF THE INTERIOR GENERAL LAND OFFICE PUBLIC SURVEY OFFICE

At Phoenix, Arizona

December 3, 19 45

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of F.N. Bard

known as the FOY No. 1 lode

situate in Tip Top mining district,

Yavapai County, Arizona

in Sections 4 and 33, Townships No. 8 and 9 N., Range No. 1 E.

G. & S.R.M., designated as Survey No. 4294

executed by Harry E. Jones, Mineral

Surveyor, August 25 and 26, 1945, under my instructions dated

July 17, 1945, 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. 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.

E. A. Thompson Office Cadastral Engineer.