

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4293

ARIZONA Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Sims Ely

Known As The

SCARLET Lode

Winifred Mining District,

Maricopa County, Arizona

Sections 21 and 22, Township 4 North, Range 3 East
G. & S.R.M.

Surveyed under instructions dated June 9, 1945

by Harry E. Jones,
Mineral Surveyor.

Claim located Jan. 1, 1885, 19

Survey commenced June 17, 1945

Survey completed Aug. 5, 1945

Address of claimant's Atty.: Richard Minne, T. & T. Bldg.,
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

Sept. 28, 1936

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. _____

_____ Land District

FIELD NOTES

Of the Survey of the Mining Claims of

known as the

County, _____

Sections _____ and _____ Township _____ Range _____

O. & S.R.M.

Surveyed under authorizations dated _____

by _____
Mineral Surveyor

_____ Date located

_____ Survey commenced

_____ Survey completed

Address of claimant's attorney: Richard Hines, P. O. Box 212,
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

SURVEY No. 4293

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Feet Mineral Survey No. 4293 was made with a W. & L. E. Gurley 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 of the sun. The instrument was in good condition and adjustment at the time of the survey.

An a.m. altitude observation of the sun for azimuth was made on line 3-4 Red Dog Wedge lode, Sur. No. 3740, identical with line 3-4 Scarlet lode, this 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 660 ft. steel wire tape graduated every foot, with end foot in hundredths and a K&E 300 ft. steel tape graduated every foot, with end feet in 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 $15^{\circ}02'$ E..

SCARLET LODGE

Beginning at Cor. No. 1

Identical with the loc. mon. and the SE. corner of Scarlet Wedge lode, unsurveyed.

Set 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. 4293-S-1; set 18 ins. in ground and surrounded with a substantial mound of earth and rock.

The corner common to Sections 21⁹, 22⁹, 27 and 28⁹, T. 4 N. R. 3 E. G. & S. R. M. bears S. $14^{\circ}58'$ W. 195.64 ft.

No other suitable bearings available.

	Thence N.23°32'W.
	Along the Northeasterly side line of Scarlet Wedge lode, unsurveyed.
1500.00	To Cor. No.2 Identical with the loc. mon., the NE. corner of Scarlet Wedge lode, the SE. corner of Tilden lode, both unsurveyed, and Cor. No.6 Union lode, Sur. No.1139. Set A 3½ ft. ¾ in. galv. pipe with a 2 in. round screw brass cap marked U.S.MINERAL SURVEY NO.1139-U-6; 4293-S-2; set 18 ins. in ground and surrounded with a substantial mound of earth and rock. U. S. Mineral Monument No.1139 bears S.13°10'E. 575.72 ft. No other suitable bearings available.
	Thence N. 51° 51' E.
	Along line 6-1 Union lode, Sur. No.1139.
100.00	Cross center of 15 ft. wash, course NWly.
300.50	Intersect the North end of the lode line at the original location for the North end center, being a 4x4 in. post set in a substantial mound of rock, identical with the South end center and Cor.1 of the Union lode, Sur. No.1139.
	Along line 1-2 Union lode, Sur. No.1139.
599.70	To Cor. No.3 Identical with loc. mon., Cor.2 Union lode, Sur. No.1139, & Cor.4 Red Dog Wedge lode, Sur. No.3740, on line 3-4 Red Dog lode, Sur. No.3740, N. 37° 13' W. 698.55 ft. from Cor.No.3, which is identical with Cor. No.4, Sur.No.3740, South Extension lode. A 3 ft. ¾ in. galv. pipe with a 2 in. round screw brass cap marked U.S.MINERAL SURVEY NO.1139-U-2; 3740-RDW-4; 4293-S-3; set 18 ins. in the ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence S. 23° 32' E.
	Along line 4-3 Red Dog Wedge lode, Sur. No.3740.
36.00	Cross center of 5 ft. wash, course SWly.
300.00	Cross center of 5 ft. wash, course SWly.
632.00	Cross center of road bearing SWly. and SEly.
798.00	Cross center of 5 ft. wash, course Wly.

Feet	
1570.64	Intersect Cor. 3, Red Dog Wedge lode, Sur. No. 3740.
1500.00	To Cor. No. 4
	Identical with loc. mon.
	Set A $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. galv. pipe with a 2 in. round screw brass cap marked U.S. MINERAL SURVEY NO. 4293-S-4; set 18 ins. in ground and surrounded with a substantial mound of earth and rock.
	Cor. 1 Kruger lode, Sur. No. 1906 bears S. $6^{\circ}51'30''$ E. 329.92 ft. No other suitable bearings available.
	Thence S. $51^{\circ}51'$ W.
299.20	Intersect the South end of the lode line at the original location for the South end center, being a 4x4 in. post set in a substantial mound of rock.
485.00	Cross center of road bearing Nly. and Sly.
599.70	To Cor. No. 1 the place of beginning.
	LODE LINE s
	The presumed course of the vein of the lode location embraced in this survey, counted from the point of discovery, is as follows:
	SCARLET lode, N. $23^{\circ}32'$ W. 160 ft. and S. $23^{\circ}32'$ E. 1340 ft.
	AREA
	Total area Scarlet lode 19.982 Acres.
	LOCATION
	This survey is located in the $E\frac{1}{2}E\frac{1}{2}SE\frac{1}{4}$ of Section 21, and the $W\frac{1}{2}W\frac{1}{2}SW\frac{1}{4}$ of Section 22; T. 4 N. R. 3 E. G. & S. R. 4 M. Maricopa 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. shaft 6x9x14 ft. deep bears S. $23^{\circ}32'$ E. 160 ft. from the North end center. Value \$390.00
No. 2	Shaft 7x10x115 ft. deep, timbered, bears S. $59^{\circ}45'$ E. 156 ft. from the 264.5 ft. point on line 2-3. Value \$5750.00

No.3	Shaft 4x6x60 ft. timbered, bears S.34°43'E. 84 ft. from the 264.5 ft. point on line 2-3. Value \$1500.00
No.4	Shaft 4x6x45 ft. deep bears S.6°45'E. 77 ft. from the 264.5 ft. point on line 2-3. Value \$560.00
No.5	Shaft 9x11x5 ft. deep bears N.64°45'E. 25 ft. from the 264.5 ft. point on line 2-3. Value \$250.00
No.6	Shaft 6x8x12 ft. deep bears S.27°05'W. 140 ft. from the 264.5 ft. point on line 2-3. Value \$300.00
No.7	Shaft(well) 5x7x54 ft. deep, timbered, bears S.31°35'W. 178 ft. from the 264.5 ft. point on line 2-3. Value \$1660.00
No.8	Shaft 4x12x9 ft. deep bears S.27°05'W. 180 ft. from the 264.5 ft. point on line 2-3. Value \$225.00
No.9	An open cut 5x15x3 ft. face extends SEly. from the SE. side of No.7 shaft. Value \$115.00
No.10	Shaft 4x6x4 ft. deep bears S.32°37'W. 300 ft. from the 264.5 ft. point on line 2-3. Value \$50.00
No.11	An open cut 5x15x5 ft. face, the mouth of which bears S.18°08'W. 310 ft. from the 264.5 ft. point on line 2-3, extends southwesterly to face. Value \$95.00
No.12	Shaft 5x6x8 ft. deep bears S.10°20'W. 370 ft. from the 264.5 ft. point on line 2-3. Value \$100.00
No.13	Shaft 4x6x8 ft. deep bears S.7°35'E. 362 ft. from the 264.5 ft. point on line 2-3. Value \$100.00
No.14	Shaft 4x6x25 ft. deep, timbered, bears S.16°25'E. 350 ft. from the 264.5 ft. point on line 2-3. Value \$625.00
No.15	Shaft 7x10x100 ft. deep, with cross-cut 4x6x20 ft. to NE. from which drifts 4x6x20 ft. to SE. and 4x6x40 ft. to NW, bears S.15°25'E. 404 ft. from the 264.5 ft. point on line 2-3. Value \$7000.00
No.16	A cut 5x6x4 ft. face/ ^{center of mouth,} bears N.21°25'E. 197 ft. from the 900 ft. point on line 1-2, extends ^{southeasterly to face.} Value \$40.00
No.17	Shaft 4x8x18 ft. deep bears N.25°40'E. 288 ft. from the 900 ft. point on line 1-2. Value \$300.00
No.18	A cut 4x12x4 ft. face/ ^{center of mouth} bears N.29°20'E. 290 ft. from the 900 ft. point on line 1-2, extends ^{southeasterly to face.} Value \$50.00
No.19	A cut 3x6x3 ft. face/ ^{center of mouth} bears N.36°53'E. 248 ft. from the 900 ft. point on line 1-2, extends ^{southeasterly to face.} Value \$15.00

No.20	Shaft 6x8x8 ft. deep bears N.42°E. 378 ft. from the 900 ft. point on line 1-2.	Value	\$200.00
No.21	A cut 4x12x3 ft. face, ^{center of mouth} bears N.47°30'E. 230 ft. from the 900 ft. point on line 1-2, extends ^{southeasterly to face.}	Value	\$37.50
No.22	Shaft 4x6x22 ft. deep bears N.54°50'E. 242 ft. from the 900 ft. point on line 1-2.	Value	\$275.00
No.23	Shaft 4x6x10 ft. deep bears S.74°45'E. 261 ft. from the 900 ft. point on line 1-2.	Value	\$125.00
No.24	A cut 4x6x3 ft. face, ^{center of mouth} bears N.25°05'W. 361 ft. from the 396.82 ft. point on line 4-1, extends ^{northwesterly to face.}	Value	\$20.00
No.25	A cut 6x10x5 ft. face, ^{center of mouth} bears N.39°45'W. 297 ft. from the 396.82 ft. point on line 4-1, extends ^{northwesterly to face.}	Value	\$75.00
No.26	Shaft 4x6x10 ft. deep bears N.58°45'W. 238 ft. from the 396.82 ft. point on line 4-1.	Value	\$125.00

(See below)

OTHER IMPROVEMENTS

A gallows frame has been erected over No.15 shaft.

No other improvements of a permanent nature on this lode.

OTHER CORNER DESCRIPTIONS

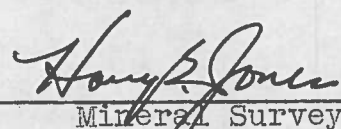
The section corner to which this survey is tied is a standard G.L.O. brass capped pipe, properly set and marked.

Cor. No.1 Kruger lode, Sur.No.1906, is a stone properly set and marked.

U.S. Mineral Monument is a 6x6" redwood post 6 ft. high properly set and marked.

Cor. No.3 Red Dog Wedge lode, Sur. No. 3740 is a 3 ft. $\frac{3}{4}$ in. galv. pipe with a 2 in. round screw brass cap properly set and marked.

Cors. No.1 and 6 Union lode, Sur. No.1139 were 4x4" pine posts set in a mound of stone, having no evidence of the original corner markings and obviously were posts replacing the original posts in the identical mounds of stone at the time of amending the location of this lode claim.


Mineral Surveyor.

#Ties to the improvements were made as above, rather than from corners or points on the center line, for the reason that from the points used the improvements were more readily seen, point 264.5 on line 2-3 being at the top of a dump, point 396.82 on line 4-1 being on a rocky prominence, and point 900 on line 1-2 being on the side of a hill.

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 Sims Ely,
known as the Scarlet Lode
and showing the respective capacities in which they acted.

- W. V. Washburn, , *Chairman.*
- Marion Halstead , *Chairman.*
- Ben Mollette , *Arman.*
- , *Flagman.*

FINAL OATHS OF ASSISTANTS

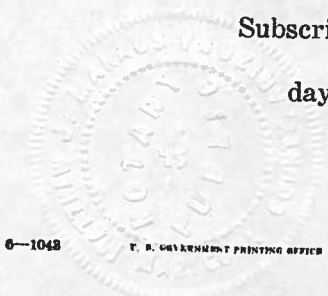
We, W. V. Washburn, Marion Halstead
and Ben Mollette , do solemnly swear that we assisted Harry E. Jones,
Harry E. Jones, , United States Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of Sims Ely
known as the Scarlet Lode
represented in the foregoing field 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 , *Chairman.*
Marion Halstead , *Chairman.*
Ben Mollette , *Arman.*
~~Marion Halstead~~ , *Flagman.*

Subscribed and sworn to by the above-named persons before me this 8th.
day of Aug. , 1945.

Matthew J. McKee
Notary Public,

My Commission expires April 7, 1947.



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 June 9, 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 _____
Sims Ely, known as the
Scarlet Lode,
situate in Winifred Mining District,
Maricopa County, Arizona, in Sections
21 and 22, Township No. 4 North, Range No. 3 East
G & S.R.M.
and designated as Survey No. 4293, 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 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 Matthew J. Makaus, a Notary Public in and for
the County of Maricopa, State of Arizona this 8th,
day of AUG., 1945

Matthew J. Makaus
Notary Public.

My Commission expires April 7, 1947.

CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

United States
Department of the Interior

GENERAL LAND OFFICE
PUBLIC SURVEY OFFICE

Phoenix, Arizona

August 23, 1945

I, Office Cadastral Engineer at Phoenix, Arizona

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Sims Ely

known as the Scarlet Lode

situate in Winifred

Mining District Maricopa County Arizona

in Sections 21 & 22, Township No. 4 North, Range No. 3 East, G&S.R.M., and

designated as Survey No. 4293, 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

18 shafts, 8 cuts, 1 cross-cut, and 2 drifts,

total value \$19,982.50

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 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

August 23, 1945

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 Sims Ely

....., known as the

SCARLET Lode

situate in Winifred mining district,

Maricopa County, Arizona

in Sections 21 and 22, Township No. 4 North, Range No. 3 East

G. & S.R.M., designated as Survey No. 4293

executed by Harry E. Jones, Mineral

Surveyor, June 17, 1945 to Aug. 5, 1945, under my instructions dated

June 9, 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.