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(4-683.)

Mineral Survey No. 1644

Lot No. _____

GILA

_____ Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Edward Grenfell

L. C. Shattuck

KNOWN AS THE

PRIMROSE

Situated in the WARREN Mining District,

Cochise County, Arizona Territory; Approximately

Section _____ Township 25 S, Range 24 E (unsurveyed)

Gila & Salt River Base and Meridian

Surveyed under instructions dated March 24th, 1902,

by Geo. C. Clark

U. S. Deputy Mineral Surveyor

Claim located November 30th 1899, 1

Survey commenced April 3th 1902, 1

Survey completed April 3th 1902, 1

6-109

Claimants' Address) - Bisbee, Cochise County, Arizona Territory

(4-684.)

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, C. J. Watson and F. W. Keksie,
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 L. S. Shattuck and Edward Grenfell
, known as the
Primrose Hole
situate in Warren mining district,
Cochise County, Arizona Territory, approximately
in Section in, Township No. 35 S, Range No. 24 E (unsurv.) 3 & S. R. B & M.

[Signature], Chainman.
F. W. Keksie, Chainman.

Subscribed and sworn to by the above-named persons before
me this 7th day of April, 1802

I, [Signature], 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 [Signature]

known as the [Signature],
more fully described in the preceding affidavit.

[Signature], Axeman.
Subscribed and sworn to by the said [Signature]
before me this 7th day of April, 1802

I, [Signature], 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 [Signature]

known as the [Signature],
more fully described in the preceding affidavit.

[Signature], Flagman.
Subscribed and sworn to by the said C. J. Watson and
F. W. Keksie before me this 7th day of
April A. D. 1902, 18

J. H. Williams
NOTARY PUBLIC
COCHISE COUNTY, ARIZONA TERRITORY

PRIMROSE LODGE
No. 1644

Feet.

- Beginning at cor.No.1,the N.W.cor.
A pine post 4 ft.long,4 ins.sq.,set 1ft.in the ground
in a mound of stones and scribed 1-1644 P.R.
Whence original location,identical with cor.No.2,Oregon
Lode No.1393 bears N 11°17'W 26.95 ft.and cor.No.1 Comet
Lode No.1563,identical with cor.No.4 Waddell Lode No.
1563, on line 4-1 of which latter claim this cor.is
located,bears S 30°07'E 314.62 ft.and U.S.M.M.No.4 brs.
N 56°07'30"W 4006.00 ft.and a pine post 4 ft.long,4 ins.sq.
set 1 ft.in the ground in a mound of stones and scrib-
ed 1-1644 W.C.brns.N 87°43'E 50 ft.and a second post of
identical dimensions and scribing brs. S11°17'E 50 ft.
Thence S 11°17'E
- 740.00 To W side center,identical with location ,a mound of
stones with pine post 4 ft.long 4 ins.sq.
- 1458.10 Same bearing to cor.No.2,the S.W.cor,identical with
location and with cor.No.3 Oregon Lode No.1393.
A pine post 4 ft.long,4 ins.sq.set in the ground in a
mound of stones & scribed 2 - 1644 P . R .
Whence a rock in place 2 ft.high.10 ins.sq.chiseled x-2
1644 B.R.brns.N 16°30'W 201 ft.
Thence N 87°43'E
- 15.0 To cor.No.3,the S.E.cor.identical with cor.No.3 Comet
and No.1 ^{Oklahoma} ~~Survey~~ ^{Survey 1398} ~~Survey~~ No.respectively 1563 & 1393
A pine post 3 ft.high,4 ins.sq.set in the ground in a
mound of stones & scribed 3-1644P.R.
Whence a flat rock in place 2 ft.sq.3½ ins.high,chisel-
ed x 5-1644 B.R.bears S 64°23'E 37.7 ft.and original
locations for S end center and S.E.cor.bear N 87°43'E
52 ft. & 148 ft.respectively,and original location for
the E side center bears N 2°15'E 613 ft.
Thence N 7°01'W
- 601.50 To a mound of stones
- 1166.00 Same bearing to cor.No.1 Comet No.1563 and No.4 Waddell
No.1563
- 1445.00 Same bearing to cor.No.4,the N.E.cor.
A pine post 4 ft.long,4 ins.sq.set 1 ft.in the ground
in a mound of stones & scribed 4-1644P.R.
Whence a pointed rock in place 11 ins.high,2 ft.sq.at
base,chiseled x 4-1644 B.R.brns.due E 119.5 ft.
and original location brs.N 75°20'E 45 ft.
Thence S 87°43'W
- 123.90 To cor.No.1,the place of beginning.

LEDGE

The presumable course of the Mineral bearing ledge on this claim, as nearly as can be determined from the outcrop and shafts on the same, is from cor. No. 1, the N. W. cor. S 11°34'E 1459.3 ft.

Improvements

I certify that the labor & improvements on this claim, placed thereon by the claimants or their grantors, is not less than \$500.00 and that said improvements consist of:-

No. 1	Disc. Shaft. 4x6x10 ft. hrs. from cor. No. 1 S 24°E 110 ft.	\$75.00
No. 2	Shaft 4x6x3 ft. hrs. from W.S. Cent. N 80°25'E 12 ft.	7.00
No. 3	" 4x6x10ft. " " " " " " " " 20 ft.	75.00
No. 4	" 4x6x10ft. " " " " " " " " 40 ft.	100.00
No. 5	" 4x6x10ft. " " " " " " " " 55 ft.	100.00
No. 6	" 4x6x11ft " " " " " S 19°10'E 110 ft.	100.00
No. 7	" 4x6x10ft. " " " " " S 27°05'E 120 ft.	100.00
No. 8	" 4x6x10ft. " " Cor. No. 3 N 10°55'W 308 ft.	50.00
No. 9	Open Cut, course N 55°12'W, 4x10x25 ft. bears from cor. No. 1 S 24°E 170.00 ft.	125.00

Total Improvements Primrose Lode- - - - - \$752.00

Adjoining Claims

North:-Waddell No. 1562,	E.C. Shattuck, Owner
East :-Waddell Lode No. 1562	E.C. Shattuck "
Comet " No. 1505	E.C. Shattuck "
South:-Oklahoma & Oakland No. 1398	T. Higgins "
West :-Oregon No. 1398	T. Higgins "

Area

Total Area Primrose Lode	2.292 Acres
Less conflict with Waddell No. 1562	0.525 "
Net Area Primrose Lode	1.807 Acres

Location

This claim is located about 1 mile in an easterly direction from Bisbee in the Warren Mining District, Cochise County, Arizona Territory, on unsurveyed public lands approximately in Township No. 25 S Range No. 24 E of the Gila & Salt River Base & Meridian.

Instrument

The Survey was made with a Gurley Light Mountain Transit, The courses were deflected from the true Meridian as determined by an observation on Polaris, checked by direct solar observations-All distances were measured with a 300 ft. Steel tape,

magnetic variation 11°45'E

Bisbee, Cochise County, Arizona

April 8th 1903

Geo. Clark
U.S. Depty. Mineral Survr.

Sur. No 1644.

STATX	BEAR.	DIST.	LATX	DEP.	D.M.D.	
1 - 2	S 11°17'E	1458.10	-1430.00	+285.31	+285.51	-407893.50 ✓
2 - 3	N 87°48'E	15.00	+ .57	+ 14.89	+585.51 +	333.74 ✓
3 - 4	N 7°01'W	1445.00	+1434.18	-178.50	+423.90	+607848.90 ✓
4 - 1	S 87°48'W	123.80	- 4.75	-123.70	+123.70 -	587.57 ✓
						199701.77 ✓

Area 2.292 Acres

Area in conflict with Waddell

No. 1562

1 - 2	N 87°48'E	123.80	+ 4.75	+123.72	+123.72 +	587.67 ✓
2 - 3	S 7°01'E	279.00	- 278.80	+ 54.09	+281.53 -	77055.68 ✓
3 - 4	N 30°07'W	514.62	+ 272.15	-157.81	×157.81 +	42947.99 ✓
						54420.00 ✓

Area in Conflict 0.595 ✓

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Geo. C. Clark
 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 D. C. Shattuck and Edward Grenfell
 known as the Primrose Lode
 and showing the respective capacities in which they acted.

C. J. Watson, *Chainman.*
F. W. Kelsie, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, C. J. Watson
 and F. W. Kelsie, do solemnly swear that we assisted
Geo. C. Clark, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of
D. C. Shattuck and Edward Grenfell
 known as the
Primrose, 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 Territory.

C. J. Watson, *Chainman.*
F. W. Kelsie, *Chainman.*
 _____, *Arman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me
 this 0th. day of April 1902, 1

D. H. Williams
 NOTARY PUBLIC
 COCHISE COUNTY, ARIZONA TERR.
 MY COMMISSION EXPIRES NOV. 20 1904

Affidavit of Five Hundred Dollars Improvements.

We, C. J. Watson, and F. W. Kepsie

of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the Prinrose mining claim, situate in The Warren Mining district, Cochise County, Arizona Territory, for which L. C. Shatsuck and Edward Grenfell

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

C. J. Watson
F. W. Kepsie

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this 11th

day of April, 1892

S. H. Williams
NOTARY PUBLIC
COCHISE COUNTY, ARIZONA TERR.
MY COMMISSION EXPIRES NOV 20 1904

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Geo. C. Clark, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona Territory, dated March 24th 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

L.O. Shattuck and Edward Grenfell, known as the

Prinrose

situate in Warren Mining District,

Coconino County, Arizona Territory, in Section xx

Approximately, Township No. 25 N., Range No. 24 E. (unsurv.) G. & S. R. B. & M.

and designated as Survey No. 1644, 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 their 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.

Geo. C. Clark
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Geo. C. Clark

U. S. Deputy Mineral Surveyor, before me

this 24th

day of April 1902,

D. H. Williams
NOTARY PUBLIC
COCHISE COUNTY, ARIZONA TERR.
MY COMMISSION EXPIRES NOV. 30, 1902.

NOTICE OF MINING LOCATION.

Lode CLAIM.

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Primrose Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Edward Grunfull and L. C. Shattuck the undersigned, on the 20 day of November 1899.

The length of this claim is 1500 feet, and the claim is 100 feet in a Northwesterly direction and 1400 feet in a Southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with about 150 feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South.

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 1500 ft in a Westerly direction from The old Johnnie Plough

the house or 1 1/4 miles east of the town of Bisbee

The surface boundaries of the claim are marked upon the ground as follows: Beginning at _____

at a point in a Northwesterly direction 100 feet from the discovery shaft (at which this notice is posted), being in the center of the _____ end line of said claim; thence 75 feet to a Stake

being the N. West corner of said claim; thence 750 feet to a Stake at the center of the West side line of said claim; thence 750 feet to a Stake being at the S. West corner of said claim; thence 75 feet to a Stake at the center of the South end of said claim; thence 75 feet to a Stake being at the S. East corner of said claim; thence 750 feet to a Stake being at the center of the East side line of said claim; thence 750 feet to a Stake at the N. East corner of said claim; thence 75 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act Concerning Mines" approved March 20, 1895, and amended March 2d. 1899.

Dated and posted on the ground this 20 day of November 1899

Edward Grunfull
L. C. Shattuck

Witnesses
T. F. Gallagher

Filed and recorded at the request of L. C. Shattuck Feb. 17 at 1 P. M. A. D., 1900, Book 17, page 421, Record of Mines, records of Cochise County, Arizona Territory.

Territory of Arizona:
County of Cochise : ss.

I, Frank Hare, County Recorder in and for said county, do hereby certify that the foregoing Notice of Mining Location of the Primrose Mining Claim, situated in the Warren Mining District, Cochise County, Arizona Territory, is a full, true and correct copy as the same appears of record in Book 17, page 421 Record of Mines, of the records of my said office.

Witness my hand and official seal this 10 day of March, 1902.

Frank Hare
County Recorder.
By C. M. Shattuck, Deputy.

(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 2nd, 1902

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 *L. C. Shattuck and*

Edward Sunfill

Cumrose

, known as the

situate in *Warren* mining district,

Cochise

County,

Arizona

in Section *Approx 4*, Township No. *23 S*; Range No. *24 E (unsurveyed)*

, designated as Survey No. *1644*

executed by *Geo C Clark*, U. S. Deputy Mineral

Surveyor, *April 8th*, 1902, under my instructions dated

March 24, 1902, 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 Price

U. S. Surveyor General for

Arizona

