

APR 21 1922

MINERAL SURVEY No. 3843

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

E. O. Brown,

KNOWN AS THE

MOUNTAIN SPRING and SILVER LEAF Lodes

Dixie Mining District,

Maricopa County, Arizona.

Sections 22 and 23, Township 4 North, Range 5 East.

Surveyed under instructions dated April 13th., 19 22.

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

Claim located See location notices, 19

Survey commenced April 14th., 19 22.

Survey completed April 17th., 19 22.

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

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3843

Feet	Mountain Spring Lode
	Beginning at Cor. No. 1
	A 3½ft. ¾in. iron pipe with a 2in. brass screw cap marked U.S. MINERAL SURVEY NO. 3843-MS-1; set 16 ins. in ground and surrounded with a substantial mound of earth and rock.
	The loc. mon. bears N. 78° 26' E. 31 ft.
	The ¼ corner common to Sections 22 and 23; T. 4 N. R. 5 E. G&SRB&M. bears N. 55° 07' ^W E. 651.48 ft.
	No other suitable bearings available.
	Thence S. 11° 44' E.
291.23	To East End Center
	A substantial mound of stone, whence the loc. mon. bears N. 41° 07' E. 20 ft.
560.00	Cross center of 5 ft. wash course, Westerly.
591.23	To Cor. No. 2
	Identical with loc. mon. and Cor. 3 Silver Leaf lode of this survey.
	A 3½ft. ¾in. iron pipe with a 2in. brass screw cap marked U.S. MINERAL SURVEY NO. 3843-MS-2-SL-3; set 20 ins. in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence S. 78° 16' W.
	Along line 3-2 Silver Leaf lode of this survey.
660.00	Cross center of old road, course NW. and SE.
669.41	Intersect the line common to Sections 22 and 23; T. 4 N. R. 5 E. whence the ¼ corner common to said sections bears N. 0° 02' E. 1087.62 ft.
858.00	Cross center of old road, course NE. and SW.
1390.00	Cross center of 30 ft. wash, course SW.
1500.00	To Cor. No. 3
	Identical with Cor. 2 Silver Leaf lode of this survey.
	A 3½ft. ¾in. iron pipe with a 2in. brass screw cap marked U.S. MINERAL SURVEY NO. 3843-MS-3-SL-2; set 14 ins. in ground and surrounded with a substantial mound of earth and rock.
	The loc. mon. bears S. 78° 16' W. 30 ft.
	No other suitable bearings available.

Feet	
	Thence N. 11° 44' W.
300.00	To West End Center A substantial mound of stone, whence the loc.mon. bears S. 83° 30' W. 58 ft.
595.68	To Cor. No. 4 A 3½ft. ¾in. iron pipe with a 2in. brass screw cap marked U.S.MINERAL SURVEY NO.3843-MS-4; set 18ins. in ground and surrounded with a substantial mound of earth and rock. The loc. mon. bears S.78°26'W. 87 ft. No other suitable bearings available. Thence N. 78° 26' E.
593.00	Cross center of 20 ft. wash, course SE.
954.22	Intersect the line common to sections 22 and 23; T. 4 N. R. 5 E. whence the ¼ corner common to said sections bears N. 0° 02' E. 482.02 ft.
1500.00	To Cor. No. 1 the place of beginning.
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Silver Leaf Lode	
	Beginning at Cor. No. 1 Identical with loc.mon. A 3½ft. ¾in. iron pipe with a 2in. brass screw cap marked U.S.MINERAL SURVEY NO.3843-SL-1; set 16ins. in ground and surrounded with a substantial mound of earth and rock. The corner common to Sections 22-23-26-27; T. 4 N. R. 5 E. bears S. 41° 00' E. 1052.22 ft. No other suitable bearings available. Thence N. 11° 44' W.
265.00	Cross ¾ inch pipe line, course NE. and SW.
290.00	Cross center of old road, course NE. and SW.
300.00	To West End Center. Identical with loc.mon. a substantial mound of stone.
430.00	Cross center of 30 ft. wash, course SW.
600.00	To Cor. No. 2 Identical with Cor.3 Mountain Spring lode of this survey, previously described. The loc. mon. bears S. 78° 16' W. 30 ft.

	Thence N. 78° 16' E.
	Along line 3-2 Mountain Spring lode of this survey.
110.00	Cross center of 30 ft. wash, course SW.
642.00	Cross center of old road, course SW. and NE.
830.59	Intersect the line common to sections 22 and 23; T. 4 N. R. 5 E. whence the $\frac{1}{4}$ corner common to said sections bears N. 0° 02' E. 1087.62 ft.
840.00	Cross center of old road, course NW. and SE.
1500.00	To Cor. No. 3
	Identical with loc. mon. and Cor. 2 Mountain Spring lode of this survey, previously described.
	Thence S. 11° 44' E.
300.00	To East End Center
	A substantial mound of stone; whence the loc. mon. bears S. 62° 55' E. 10 ft.
599.33	To Cor. No. 4
	A $3\frac{1}{2}$ ft. $\frac{3}{4}$ in. iron pipe with a 2in. brass screw cap marked U.S. MINERAL SURVEY NO. 3843-SL-4; set 15ins. in ground and surrounded with a substantial mound of earth and rock. The loc. mon. bears N. 78° 15' E. 12 ft. No other suitable bearings available.
	Thence S. 78° 14' 30" W.
675.00	Cross center of 5 ft. wash, course NW.
794.33	Intersect the line common to sections 22 and 23; T. 4 N. R. 5 E. whence the corner common to sections 22-23-26-27 of said township bears S. 0° 02' W. 937.92 ft., and the $\frac{1}{4}$ Cor. common to Secs. 22 & 23 bears N. 0° 02' E. 1700.18 ft.
1500.00	To Cor. No. 1 the place of beginning.

The mean magnetic variation at all corners is 14° 10' E.

Lode Lines

As near as can be determined from the present developments the veins of the several locations embraced in this claim extend as follows from their respective discovery points:
Mountain Spring lode, N. 78° 16' E. 500ft. and S. 78° 16' W. 1000ft.
Silver Leaf lode, N. 78° 16' E. 600ft. and S. 78° 16' W. 900 ft.

Areas

Total area Mountain Spring lode	20.436 Acres
Total area Silver Leaf lode	20.649 Acres

Location

This claim is located in the SE $\frac{1}{4}$ of Section 22; and the SW $\frac{1}{4}$ of Section 23; T. 4 N. R. 5 E. G&SRB&M. Dixie Mining District; Maricopa 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 his grantors is not less than Five Hundred dollars, and that said improvements consist of:

Mountain Spring Lode

No. 1 Dis. cut 4x12x9 ft. facing SW. bears S.78°16'W. 500 ft. from the East End Center.

Value \$100.00

No.2 cut and tunnel the mouth of which bears S.88°W. 390 ft. from Cor. No. 2 and which are respectively 5x18x11 ft. and 4x6x90 ft. bearing S.11°56'E.

Total Value \$1000.00

An undivided $\frac{1}{2}$ interest in this improvement is accredited to each location, as it is approximately one half on each claim; and tends to develop both.

Value \$500.00

Silver Leaf Lode

No. 1 Dis. cut 3x6x4 ft. facing SW. bears S.78°16'W. 600 ft. from the East End Center.

Value \$ 25.00

No.2 cut 8x80x7 ft. facing SW. with concrete sump 5x5x3 ft. at face to protect spring; bears N.77°46'W. 600 ft. from Cor.4.

Value \$450.00

No.3 cut 6x60x3 ft. facing N. of W. bears N.86°14'W. 512ft. from Cor.4.

Value \$150.00

No.4 cut 6x18x12 ft. facing SW. bears S.79°55'W. 660 ft. from Cor.4

Value \$100.00

No.5 shaft 4x5x5 ft. deep bears S.77°W. 400 ft. from Cor.
No.3; Value \$ 50.00

No.6 cut 2.5x12x6 ft. facing N. bears S.77°W. 390 ft. from
Cor. No.3; Value \$ 75.00

An undivided $\frac{1}{2}$ interest in improvement No.2 of the Moun-
tain Spring lode of this survey is accredited to this lode.
Value \$ 500.00

Other Improvements

A corrugated iron shed 15x18 ft. bears N.72°34'W. 631 ft.
from Cor. 4 Silver Leaf lode.

Instrument

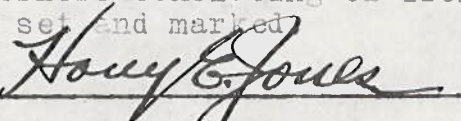
This survey was made with a W. & L.E. Gurley light mountain
transit.

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

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

Report

The lines of this survey were run directly upon the ground
and the corners established by measurements upon these
lines. The tie lines were run directly upon the ground,
and are tied to Public Land survey corners as noted in
these notes, the public land corners consisting of iron
pipes with brass caps properly set and marked.


U. S. Mineral Surveyor.

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
E. O. Brown,
 known as the MOUNTAIN SPRING and SILVER LEAF Lodes,
 and showing the respective capacities in which they acted.

Jas. W. Burrell, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~ I Jas. W. Burrell,
 and _____, do solemnly swear that ~~w~~^I assisted
Harry E. Jones, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of E. O. Brown
 known as the Mountain Spring and Silver Leaf 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 instruc-
 tions furnished by the United States Surveyor-General for Arizona.

Jas. W. Burrell, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me this 19th.
 day of April, 19 22.

Ralph A. Phillips
 Notary Public.

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 April 13th. 1922, 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 E. O. Brown, known as the MOUNTAIN SPRING and SILVER LEAF Lodes, situate in Dixie Mining District, Maricopa County, Arizona, in Sections 22 and 23, Township No. 4 North, Range No. 5 East G&SRB&M., and designated as Survey No. 3843, 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.

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 the
County of Maricopa, State of Arizona. this 19th.
day of April, 1922.

Ralph C. Phillips
Notary Public.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

May 26, 1922.

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

E. O. Brown

, known as the MOUNTAIN SPRING and SILVER LEAF LODES

, situate in Dixie

Mining District, Maricopa County,

Arizona, in Sections 22 & 23, Township No. 4 N.,

Range No. 5 E., and designated as Survey

No. 3843, 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 ^{or for each of} said mining claims by claimant or his grantors, and
that said improvements consist of 7 cuts, 1 shaft and 1 tunnel, total
value \$1950.

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.

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,

May 26, 1922

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

E. O. Brown

, known as the

MOUNTAIN SPRING and SILVER LEAF Lodes

situate in Dixie mining district,

Maricopa County, Arizona

in Sections 22 and 23, Township No. 4 N., Range No. 5 E.

, designated as Survey No. 3843

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

Surveyor, April 14 - 17, 1922, under my instructions dated

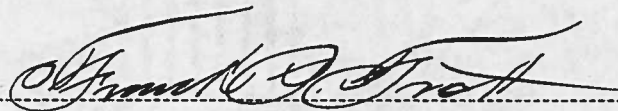
April 13, 1922, have been critically examined and the necessary

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.



U. S. Surveyor General for Arizona.