

AUG. 13 1923

MINERAL SURVEY No. 3909

Arizona Land District

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ellen T. Gasson

KNOWN AS THE

Emperor and Empress lode

Warren Mining District,

Cochise County, Arizona

Section 31, Township T. 23 S., Range 25 E. G&SRB&M
5 and 6, Township 21 S., Range 25 E.

Surveyed under instructions dated August 6th, 1923.

by Ralph L. Motz
U. S. Mineral Surveyor.

Claim located see location notices attached 19

Survey commenced August 9th, 19 23.

Survey completed August 11th, 19 23.

Address of claimant's attorneys,
Knapp Boyle & Pickett,
Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

MINERAL SURVEY NO. 3909.

EMPEROR. lode.

Feet.

Beginning at Cor. No. 1, the S. E. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-3909 ER, whence a limestone rock in place 18 x 23 x 6 inches high above ground chiseled x 1-3909 bears N. 29° 36' W. 42.6 feet and a second limestone rock in place 13 x 18 x 8 inches high above ground with like chiseling bears N. 52° 42' E. 48.7 feet, and the

Cor. of Secs 31 and 32 T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., G & S R B & M bears S. 81° 32' E. 376.9 feet.

thence S. 64° 49' W/

20.4 to Cor. No. 1 Empress lode of this survey,
 287.6 along line 1-4 Empress lode this survey cross abandoned railroad grade, course northerly and southerly
 328.8 to original location for southeast end center, being a mound of stones 3 feet high with a 3 foot base,
 339.0 to north end center Empress lode this survey,
 657.6 to Cor. No. 2, the S. W. Cor., identical with location and with Cor. No. 4 Empress lode this survey, and situated on line 1-2 Sur. No. 3478 Lone Star lode, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3909 ER, whence Cor No. 1 Sur. No. 3478 Lone Star lode bears N. 44° 52' W. 229.3 feet.

thence N. 49° 21' W.

233.9 intersect line 4-1 Sur. No. 3478 Lone Star lode at S. 57° 01' W. 18.7 feet from Cor. No. 1 thereof, also line 3-4 Sur. No. 3478 Morning Star lode at S. 57° 01' W. 140.7 feet from Cor. No. 3 thereof.

750.0 to original location for west side center, being a mound of stones 3 feet high with a 3 foot base,

1225.3 cross gulch course southerly.

1500.0 to Cor. No. 3, the N. W. Cor., identical with location and situated on line 2-3 Sur. No. 3478 Morning Star lode, a pine post 4 feet long 4 inches square set 18

Feet. inches in the ground in a mound of stones and scribed
 3-3909 ER, whence Cor. No. 2 Sur. No. 3478 Morning Star
 lode bears N. 55° 15' W. 187.3 feet, and Cor. No. 3 Sur.
 No. 3478 Morning Star lode bears S. 55° 15' E. 1312.7
 feet.
 thence N. 64° 49' E.
 250.0 cross gulch, course southerly,
 328.8 to original location for north end center, being a mound
 of stones 3 feet high with a 3 foot base,
 471.0 to the southeast and southwest corners of Warren Extension
 No. 14 and Warren Extension No. 15 lodes, respectively,
 both unsurveyed,
 657.6 to Cor. No. 4, the N. E. Cor., identical with location, a
 pine post 4 feet long 4 inches square set 18 inches in the
 ground in a mound of stones and scribed 4-3909 ER, whence
 Cor. No. 4 Sur. No. 1703 Emerald lode bears S. 37° 41' E.
 745.6 feet.
 thence S. 49° 21' E.
 587.5 intersect line 3-4 Sur. No. 1703 Emerald lode at N. 2°
 47' W. 207.6 feet from Cor. No. 4 thereof,
 750.0 to original location for east side center, being a mound
 of stones 3 feet high with a 3 foot base,
 823.3 intersect line 4-1 Sur. No. 1703 Emerald lode at N. 72°
 20' E. 177.2 feet from Cor. No. 4 thereof,
 882.0 cross abandoned railroad grade, course northerly and
 southerly,
 1500.0 to Cor. No. 1, the place of the beginning.

 EMPRESS lode.

Beginning at Cor. No. 1, the N. E. Cor., identical
 with location and situated on line 1-2 Emperor lode this
 survey, a pine post 4 feet long 4 inches square set 18
 inches in the ground in a mound of stones and scribed
 1-3909 Es, whence a limestone rock in place 18 x 23 x 6
 inches high above ground chiseled BR x 1-3909 bears N. 8°
 58' W. 46.3 feet, and a second limestone rock in place

Feet	<p>23 x 24 x 9 inches high above ground with like chiseling bears N. 63° 31' W. 72.6 feet, and the</p> <p>Cor. of Secs. 31 and 32, T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., G & S R B & M bears S. 83° 11' E. 394.0 feet.</p> <p>thence S. 44° 52' E.</p> <p>750.0 to original location for east side center, being a mound of stones 3 feet high with a 3 foot base,</p> <p>765.0 cross abandoned railroad grade, course easterly and westerly,</p> <p>1500.0 to Cor. No. 2, the S. E. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-3909 Es. No. bearings available.</p> <p>thence S. 64° 49' W.</p> <p>318.6 to original location for south end center, being a mound of stones 3 feet high with 3 foot base,</p> <p>495.0 cross gulch, course easterly,</p> <p>637.2 to Cor. No. 3, the S. W. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 3-3909 Es. No bearings available.</p> <p>thence N. 44° 52' W.</p> <p>175.0 cross gulch, course easterly,</p> <p>229.3 to Cor. No. 2, Sur. No. 3478 Lone Star lode, and the northeast corner of the Grand Duke lode unsurveyed,</p> <p>750.0 along line 2-1 Sur. No. 3478 Lone Star lode to original location for west side center, being a mound of stones 3 feet high with a 3 foot base,</p> <p>1500.0 to Cor. No. 4, the N. W. Cor., identical with location and with Cor. No. 2 of the Emperor lode this survey, heretofore described to which I add 4-3909 for this claim</p> <p>thence N. 64° 49' E.</p> <p>318.6 to original location for north end center, being a mound of stones 3 feet high with a 3 foot base,</p> <p>328.8 to south/^{east} end center Emperor lode this survey,</p>
------	---

Feet.
 370.0 cross abandoned railroad grade, course southerly,
 637.2 to Cor. No. 1, the place of the beginning.

 Lode Lines.

EMPEROR. The presumed course of the vein on this claim is from the north end center S. 49° 21' E. 1500.0 feet.

EMPRESS. The presumed course of the vein on this claim is from the north end center S. 44° 52' E. 1500.0 feet.

Areas.

Emperor. Total area- - - - -20.660 A.

Area in conflict with

Sur. No.1703 Emerald- - - -0.408 A.

Sur. No.3478 Lone Star- - - -0.048 A.

Sur. No.3478 Morning Star - -1.962 A.

Empress. Total and net area- - - - -20.660 A.

Location.

This survey is situated in Sec. 31, T. 23 S., R. 25 E. and Secs. 5 and 6, T. 24 S., R. 25 E. G & S R B & M, in the Warren Mining District, Cochise County, Arizona.

Improvements.

EMPEROR.

- No.1. Discovery shaft 4 x 6 x 10 feet deep brs from north end center on lode line 740 feet. Value \$75.00
- No.2. Shaft 4 x 6 x 10 feet deep brs from Cor. No. 1 N. 68° 32' W. 725.0 feet. Value 50.00
- No.3. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 68° 10' W. 700.0 feet. Value 50.00
- No.4. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 70° 10' W. 705.0 feet. Value 50.00
- No.5. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 71° 55' W. 700.0 feet. Value 50.00
- No.6. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 69° 35' W. 675.0 feet. Value 50.00
- No.7. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 71° 05' W. 675.0 feet. Value 50.00
- No.8. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 73° 04' W. 676.0 feet. Value 50.00
- No.9. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 73° 30' W. 700.0 feet. Value 50.00
- No.10. Shaft 4 x 6 x 10 feet deep bears from south-east end center on lode line 480.0 feet. Value 50.00
- No.11. Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 74° W. 665.0 feet. Value 50.00

No.12.	Shaft 4 x 6 x 10 feet deep brs ffrom Cor. No. 1 N. 73° 30' W. 650.0 feet.	Value \$50.00
No.13.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 N. 57° 20' W. 150.0 feet.	Value 75.00
	Total	\$700.00
EMPRESS.		
No.1.	Discovery shaft 4 x 6 x 10 feet deep bears from south end center on lode line 140.0 feet.	Value \$ 50.00
No.2.	Open cut 6 x 8 x 14 feet long bearing N. 30° E, the mouth of which bears from south end center N. 61° 55' W. 160.0 feet.	Value \$ 70.00
No.3.	Shaft 4 x 6 x 35 feet deep bears from south end center N. 38° 05' W. 628.0 feet.	Value \$350.00
No.4.	Shaft 4 x 6 x 10 feet deep bears from south end center N. 34° 15' W. 717.0 feet.	Value \$ 75.00
No.5.	Shaft 6 x 15 x 8 feet deep bears from south end center N. 35° 40' W. 756.0 feet.	Value \$200.00
No.6.	Shaft 4 x 6 x 10 feet deep bears from south end center N. 38° 30' W. 752.0 feet.	Value \$ 75.00
No.7.	Shaft 5 x 6 x 12 feet deep bears from south end center N. 38° 45' W. 785.0 feet.	Value \$100.00
No.8.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 34° 05' E. 641.0 feet.	Value \$ 50.00
No.9.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 35° 30' E. 600.0 feet.	Value \$ 50.00
No.10.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 31° 40' E. 630.0 feet.	Value \$ 50.00
No.11.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 30° 45' E. 612.0 feet.	Value \$ 50.00
No.12.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 27° 30' E. 577.0 feet.	Value \$ 50.00
No.13.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 27° 30' E. 548.0 feet.	Value \$ 50.00
No.14.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 25° 05' E. 550.0 feet.	Value \$ 50.00
No.15.	Shaft 4 x 6 x 10 feet deep bears from Cor. No. 1 S. 11° 10' E. 450.0 feet.	Value \$ 50.00
No.16.	Shfat 4 x 6 x 10 feet deep bears from Cor. No. 4 N. 77° 07' E. 230.0 feet.	Value \$ 75.00
No.17.	Shaft 5 x 7 x 10 feet deep bears from Cor. No. 1 S. 62° 45' W. 201.0 feet.	Value \$100.00
	Total	\$1495.00
	Total on group	\$2195.00

I hereby certify that the value of the labor and improvements placed upon each claim of this survey by the claimant or her grantors is not less than five hundred dollars and that said improvements are as stated above.

Instrument.

This survey was made with a Gurley Light Mountain transit. The courses were deflected from the true meridian as determined in Sur. No. 3478. Distances were measured with 100 and 300 foot steel tapes. Magnetic variation $12^{\circ} 30'$ East at all corners.

Adjoining Claims.

- North. Warren Extension No. 14 and Warren Extension No. 15 lodes, both unsurveyed and owned by James Riley et al.
- East. Sur. No. 1703 Emerald lode.
- West. Sur. No. 3478 Lone Star and Morning Star lodes. Grand Duke lode, unsurveyed, owned by the applicant herein.

REPORT.

Cor. of Secs. 31 and 32. T. 23 S., R. 25 E., and Secs. 5 and 6, T. 24 S., R. 25 E., G & S R B & M is a sandstone rock 8 x 12 x 5 inches above ground chiseled I on south face and IIIII on east face.

Sur. No. 1703 Emerald lode, Cors. No. 1, 3 and 4 are posts properly set and scribed.

Sur. No. 3478 Lone Star lode. Cors. No. 1 and 4 are posts properly set and scribed. Cor. No. 2 is an iron pipe.

Sur. No. 3478 Morning Star lode. Cors. 2 and 3 are posts properly set and scribed. Cor. No. 4 is an iron pipe.

Warren Extension No. 14 and Warren Extension No. 15, unsur. The south east and southwest corners, respectively, are pine posts.

I do not check the tie from Cor. No. 1 Sur No. 1703 Emerald lode. I check the position of the Section corner as reported in Sur. No. 3478.

Ralph L. Metz

U. S. Mineral Surveyor.

Dated at Bisbee, Arizona.

August 14, 1923.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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

Ellen T. Gasson

known as the Emperor and Empress lodes

and showing the respective capacities in which they acted.

Bert Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I, Bert Gmehle

~~and~~ do solemnly swear that ~~we~~ ^I assisted

Ralph L. Motz, United States Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

Ellen T. Gasson

known as the Emperor and Empress 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~~ ^{my} 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

Bert Gmehle, Chainman.

....., Chainman.

....., Axman.

....., Flagman

Subscribed and sworn to by the above-named persons before me this 14th

day of August, 19 23.

Margaret Irving
Notary Public in and for the
County of Cochise, State of
Arizona.
My commission expires May 10, 1924



4-686.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Ralph L. Motz, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
August 6th, 1923., 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 Ellen T. Gasson
....., known as the
Emperor and Empress lodes,
situate in Warren Mining District,
Cochise County, Arizona, in Section
~~5 and 6~~ ³¹, Township No. ~~24 S.~~ ^{23 S.} Range No. ~~25 E.~~ ^{25 E.} G & S R B & M,
and designated as Survey No. 3909, 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 per-
petuated in strict accordance with the law, official regulations and instructions there-
under; 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 her 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me Margaret Irving, Notary Public
..... this 14th
day of August, 1923.

Margaret Irving
Notary Public in and for the County
of Cochise, State of Arizona.
My commission expires May 10, 1924



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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona.

September 21, 1923.

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

Ellen T. Gasson

, known as the EMPEROR and EMPRESS Lodes

, situate in Warren

Mining District, Cochise County,

Arizona, in Sections 31, 5 & 6, Township No. 24 S,

Range No. 25 E., and 25 E., and designated as Survey
No. 3909, 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 ^{each of} said mining claim^s by claimant or her grantors, and
that said improvements consist of 29 shafts and 1 cut, total value
\$2195.

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,

September 21, 1923

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

Ellen T. Gasson

known as the

EMPEROR and EMPRESS Lodes

situate in Warren mining district,

Cochise County, Arizona

in Section s ³¹ 5 & 6, Township No. 23 S. 24 S., Range No. 25 E., & 25 E.

designated as Survey No. 3909

executed by Ralph L. Motz, U. S. Mineral

Surveyor, August 9 - 11, 1923, under my instructions dated

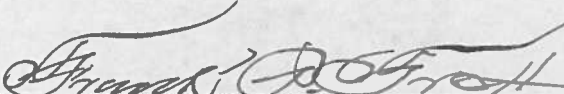
August 6, 1923, have been critically examined and the necessary

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.