

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

MINERAL SURVEY NO. 4270

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Edward I. Sweet

Known As The

MARIAN lode

Winifred

Mining District,

Maricopa

County,

Arizona

Section 29, Township 3 N., Range 3 E., G&SRM

Surveyed under instructions dated May 10, 1943

by Ralph L. Motz

Mineral Surveyor.

Claim located April 23, 1930

Survey commenced May 18, 1943

Survey completed May 20, 1943

Address of claimant 's attorney, Gibbs & Gibbs,
Home Builders Building,
Phoenix, Arizona.

DATES OF AMENDED LOCATIONS

Feet

Feet

Mineral Survey No. 4270 was made with a Gurley & Sons Precise Transit, light mountain model, with horizontal limb 6.25 inches in diameter, having two double opposite verniers and full vertical circle 15 inches in diameter, having one double vernier; the verniers read to one minute of arc; the eye piece is equipped with a prismatic eye piece with colored glass slide for making direct observations upon the sun. The instrument was in good condition at the time of survey and adjustments were in good order. An a.m. altitude observation of the sun for azimuth, and at noon on the meridian for latitude were made at the point of beginning, the details of which observations are shown in the calculation sheets herewith submitted for examination. All azimuths in this record are referred to the true meridian thus determined, by the method of deflection angles and calculated courses.

The lines were measured with a Keuffel & Esser steel tape, 100 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Keuffel & Esser steel tape, 300 feet in length, graduated to feet, tenths and hundredths of feet for the entire length; a Lufkin steel tape, graduated to feet, inches and fractions of inches for the entire length, 25 ft. All tapes were compared with a Lufkin standard tape at the time of beginning the survey and found correct.

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

The magnetic variation observed at each corner of the survey gave a uniform value of $E. 40^{\circ}$.

MARIAN lode.

Beginning at Cor. No. 1 of the Marian lode

Identical with the $1/4$ Cor. Secs. 29 and 30, T. 3 N., R. 3 E., G. & S. R. M., which is also Cor. No. 1 of the 1933 segregation survey of the Marian lode, being

An iron pipe with brass cap, set in ground, 8 inches above a monument of rocks, mkd. $1/4$ S29, S30 and MMC-1, to which I add 4270, from which

A monument of rocks, 3 ft. high, 3 ft. base bears westerly 2 ft.

A diorite rock in place, 24x30 ins., 13 ins. above ground bears WEST 13.4 ft., mkd. BR X M-1-4270

A diorite ledge, 36x36 ins., 13 ins. above ground bears S. $59^{\circ} 47'$ E., 12.5 ft., mkd. BR X M-1-4270

Thence N. $0^{\circ} 11'$ E.,

366.0 Cross road, 10 ft. wide, course easterly

562.0 Cross road, 10 ft. wide, course southeasterly

713.0 Cross road, 10 ft. wide, course southwesterly

1303.8 Southwest corner of the NW $1/4$ NW $1/4$ of Sec. 29, T. 3 N., R. 3 E., G. & S. R. M.

1305.2 Cor. No. 2

Situated on the line between Secs. 29 and 30, T. 3 N., R. 3 E., G. & S. R. M.

Set a diorite rock, 8x12x28 ins., 16 ins. in the ground, mkd. M-2-4270; from which

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Feet	
	A monument of rocks, 3 ft. high, 3 ft. base, bears easterly 3 ft.
	Cor. No. 4 of the 1933 segregation survey of the Marian lode, bears N. 0° 11' E., 194.8 ft., being an iron pipe with brass cap, 8 ins. above ground, mkd. MMC-4.
	Thence EAST
143.0	Cross road, 10 ft. wide, course southerly
300.0	Intersect the north end of the lode line, being a monument of rocks, 3 ft. high, 3 ft. base; from which the original location for the north end center bears N. 0° 11' E., 194.8 ft., being a monument of rocks 3 ft. high, 3 ft. base
600.0	Cor. No. 3 Situating on the south line of the NW 1/4 NW 1/4 Sec. 29, T. 3 N., R. 3 E., G. & S. R. M., Set a diorite rock, 5x10x26 ins., 18 ins. in the ground, mkd. M-3-4270; from which A monument of rocks, 3 ft. high, 3 ft. base, bears westerly 3 ft. Cor. No. 3 of the 1933 segregation survey of the Marian lode bears N. 0° 11' E., 194.8 ft., being an iron pipe with brass cap, 14 ins. above ground, mkd. MMC-3. The southwest corner of the NW 1/4 NW 1/4 of Sec. 29, T. 3 N., R. 3 E., G. & S. R. M. bears S. 89° 52' W., 600.0 ft. Thence S. 0° 11' W.,
1301.7	Intersect the north line of the SW 1/4 of Sec. 29, T. 3 N., R. 3 E., G. & S. R. M. at a point from which the northwest corner bears S. 89° 40' W., 600.0 ft.
1305.2	Cor. No. 4 Being an iron pipe with brass cap, 8 ins. above ground, mkd. MMC-4-4270; this corner was set in the 1933 segregation survey of the Marian lode, I changed the number 2 thereon to 4. A monument of rocks, 3 ft. high, 3 ft. base, bears westerly 2 ft. A monument of rocks, 3 ft. high, 3 ft. base, bears S. 21° 40' E., 26.0 ft. Thence WEST
66.0	Cross road, 10 ft. wide, course southerly
135.0	Cross road, 10 ft. wide, course southeasterly
300.0	Intersect the south end of the lode line at the original location for the south end center, being a monument of rocks, 3 ft. high, 3 ft. base
600.0	Cor. No. 1 and place of beginning.
	LODE LINE The presumed course of the vein on this lode location, counted from the point of discovery, is as follows:

S. 0° 11' W., 266 ft., and, N. 0° 11' E., 1039.2 ft.

AREAS	acres
Total area, Marian Lode - - - - -	17.978
Area in conflict with	
NW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 29, T. 3 N., R. 3 E., - - - - -	0.010
NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29, T. 3 N., R. 3 E. - - - - -	0.024

LOCATION
 This survey is located in the W $\frac{1}{2}$ NW $\frac{1}{4}$ & NW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 29, T. 3 N., R. 3 E., G. & S. R. M.

The survey of this lode location is within ~~XXXX~~ the 1933 segregation survey thereof as marked on the ground, consequently within the location. No signs of monuments in the vicinity of the northeast or northwest corners were found, the land in that vicinity having been stripped of all rocks of any size.

EXPENDITURE OF \$500

I certify that the value of the labor and improvements, made upon said mining claim by the claimant or his grantors is not less than \$500 and that said improvements consist of:-

- No. 1 The discovery shaft, the center of which being the discovery point is on the center line 266 ft. from the south end center; 4x6 ft. in size, 10 ft. deep
Value \$50
- No. 2 A shaft, the center of which bears N. 43° 03' E., 222 ft., from Cor. No. 1; 4x6 ft. in size, 105 ft. deep; at bottom is drift, 4x6 ft. in size, running S. 55° W., 30 ft. to breast
Value \$2450
- No. 3 A shaft, the center of which bears N. 32° 11' E., 213 ft. from Cor. No. 1; 4x6 ft. in size, 6 ft. deep.
Value \$30
- No. 4 A well, the center of which bears S. 11° 50' E., 558 ft. from Cor. No. 2; 5 ins. in diameter, 148 ft. deep
Value \$444

OTHER IMPROVEMENTS

A stucco house, the southerly corner of which bears N. 58° 15' E., 336 ft. from Cor. No. 1; 27x37 ft. in size, the long side bearing S. 45° W.,

Other Corner Descriptions

The north west corner of Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

The northeast corner of Sec. 30 is an iron pipe with brass cap, firmly set and marked as described in the official record

The north $\frac{1}{4}$ ^{Sec.} Cor. Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

The northeast corner of Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

The east 1/4^{sec.} corner of Sec. 29 is missing being in the center of the paved highway, but the two witness corners are in and the distance between the two is 93.72 ft. as given on the official record.

The west 1/4^{sec.} corner of Sec. 29 has been described.

The north half of the west line of Sec. 29 was found to be N. 0° 11' E., 2607.6 ft. which agrees with the course and distance as given on the supplemental plat of Sec. 29. The ~~west~~ north 1/2 of the east line of Sec. 29 was found to be N. 0° 24' E., 2572.0 ft. which agrees with said plat. The north line of Sec. 29 was found to be S. 89° 57' E., 5313.4 ft. which agrees closely with that shown on the plat. From these lines, the center line of Sec. 29 from the east 1/4^{sec.} corner to the west 1/4^{sec.} corner is ^{found to be} S. 89° 40' W., and the south line of the NW^{1/4} of Sec. 29 is ^{found to be} N. 89° 52' E.

Note: The northwest corner of Sec. 28 is an iron pipe with brass cap, out of the ground and loosely set in a monument.

OTHER IMPROVEMENTS

Other Corner Descriptions

The northeast corner of Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

The northwest corner of Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

The north 1/4^{sec.} corner of Sec. 29 is an iron pipe with brass cap, firmly set and marked as described in the official record.

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 Ralph L. Motz

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 Edward I. Sweet

known as the Marian lode

and showing the respective capacities in which they acted.

- Emerson K. Chickering, Chairman.
-, Chairman.
-, Axman.
-, Flagman.

FINAL OATHS OF ASSISTANTS

~~we~~ I, Emerson K. Chickering

and, do solemnly swear that we assisted

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

known as the Marian 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.

- Emerson K. Chickering, Chairman.
-, Chairman.
-, Axman.
-, Flagman.

Subscribed and sworn to by the above-named persons before me this 20th

day of May, 1943

~~My Signature~~

Lucille Hill

Notary Public, in and for the County of Maricopa, State of Arizona

My commission expires: March 7, 1945

UNITED STATES
DEPARTMENT OF THE INTERIOR
GENERAL LAND OFFICE

FINAL OATH OF MINERAL SURVEYOR

I, Ralph L. Motz, Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the Office Cadastral
Engineer, at Phoenix, Arizona, dated May 10, 1943,
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 _____
Edward I. Sweet, known as the
Marian lode,
situate in Winifred Mining District,
Maricopa County, Arizona, in Section
29, Township No. 3 N., Range No. 3 E., G&SRM
and designated as Survey No. 4270, 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.

Ralph L. Motz
(Mineral Surveyor)

Subscribed and sworn to by the said Ralph L. Motz
Mineral Surveyor, before me W. H. Miescher, Notary Public
this 11th
day of June, 1943

W. H. Miescher
Notary Public, in and for the County of
Cochise, State of Arizona.
My commission expires Feb. 3, 1945.

OFFICE CADASTRAL ENGINEER'S FINAL CERTIFICATE ON FIELD NOTES

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

Phoenix, Arizona,

July 10, 1943

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

Edward I. Sweet

known as the MARIAN lode

situate in Winifred

Mining District Maricopa County Arizona

in Section 29, Township No. 3 N., Range No. 3 E., G. & S.R.M., and
designated as Survey No. 4270

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 3 shafts, 1 drift, and 1 well, total
value \$2974,

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
Acting 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,

July 10, 19 43

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 _____

Edward I. Sweet

_____, known as the

MARIAN lode

situate in _____ Winifred _____ mining district,

Maricopa County, _____ Arizona

in Section 29, Township No. 3 N., Range No. 3 E., G. & S.R.M.

_____, designated as Survey No. 4270

executed by Ralph L. Motz, Mineral

Surveyor, May 18 - 20, 19 43, under my instructions dated

May 10, 19 43, 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
Acting Office Cadastral Engineer.