

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL-LAND-OFFICE~~
Bureau of Land Management

MINERAL SURVEY NO. 4310

Arizona Land District.

FIELD NOTES

Of The Survey Of The Mining Claim Of

Charles H. Tanner,

Known As The

Sunset No. 1

Sierra Ancha Mining District,

Gila County, Arizona

Section 29, Township 5 North, Range 13 East G&SRM.

Surveyed under instructions dated June 5, 1947,

by Harry E. Jones,
Mineral Surveyor.

Claim located July 18, 1941,

Survey commenced Jan. 24, 1948,

Survey completed Jan. 25, 1948,

Address of claimant Gibbs & Gibbs, Att'ys.

DATES OF AMENDED LOCATIONS

May 21, 1947

Survey No. 4310

1.

This survey was made with a C.L. Berger & Sons transit No. 7574, with a horizontal limb 4 inches diameter, having two double opposite verniers, and a full vertical circle 4 inches diameter, having one double vernier, both reading to one minute of arc; the eyepiece is equipped with a colored glass shutter for making direct sun observations. The instrument was in good condition and adjustment at the time of this survey.

All azimuths in this record were determined by the method of deflection angles referred to the meridian as determined by the following sun observations.

On Jan. 24, 1948, at a point on line 4-1, Sunset No. 1 lode of this survey, in latitude $33^{\circ}44'45''$ N., and longitude $111^{\circ}01'52''$ W., I made double set of two each altitude observations upon the sun for azimuth at approximately equal time intervals, one each direct and inverted in each set respectively, observing the limb of the sun and reading the horizontal angles from the reference point, which in this instance was another point on line 4-1 about 529 ft. distant. Mean time of observation, 105th meridian standard time 2:36:45 P.M.

Declination of sun at mean time of observation-
 $19^{\circ}18'10''$ S.

Mean observed vertical angle to sun center $29^{\circ}35'$
Mean horizontal angle from reference line $94^{\circ}51'30''$ R.
True bearing of reference line S. $61^{\circ}34'30''$ E.

Mean time of observation, 105th meridian standard time
2:44:35 P.M.

Declination of sun at mean time of observation,
 $19^{\circ}18'05''$ S.

Mean observed vertical angle to sun center $28^{\circ}44'$
Mean horizontal angle from reference line $96^{\circ}35'30''$ R.
True bearing of reference line S. $61^{\circ}35'22''$ E.
Mean true bearing of reference line S. $61^{\circ}34'56''$ E.

The lines were measured with a 600 ft. steel tape graduated every foot, and a 50 ft. steel tape graduated to hundredths, both tapes were checked for accuracy prior to use on this survey.

All lines and connections of this survey were run directly on the ground.

The mean magnetic variation observed at each corner of this survey is $14^{\circ}30'$ E.

Feet

SUNSET NO. 1 LODGE

At Cor. No. 1.

Set a $2\frac{1}{2}$ ft. $\frac{3}{4}$ inch galv. pipe with a 2 inch round cast cap marked U.S. MINERAL SURVEY NO. 4310-3 No. 1-1; set 18 inches in ground and surrounded with a substantial mound of earth and rock, from which

The $\frac{1}{4}$ corner common to Sections 28 and 29, T. 5 N., R. 13 E., G&SRM, bears N. $74^{\circ}19'$ E., 301.0 ft., a standard 1 inch GLO pipe set and marked as described in the official record.

No other suitable bearings available.

Thence S. $28^{\circ}26'$ W.

300.0 Lode line; discovery shaft bears N. $61^{\circ}34'$ W., 166 ft.

600.0 Cor. No. 2.

Survey No. 4310

2.

Feet	
	Set a 2½ ft. ¾ inch galv. pipe with a 2 inch round cast cap marked U.S. MINERAL SURVEY NO. 4310-S No.1-2, set 16 inches in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 61° 34' W.
930.0	Enter bed of Armer Gulch, course SEly.
1060.0	Leave bed of Armer Gulch, course SEly.
1500.0	Cor. No. 3.
	Set a 2½ ft. ¾ inch galv. pipe with a 2 inch round cast cap marked U.S. MINERAL SURVEY NO. 4310-S No.1-3, set 16 inches in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence N. 28° 26' E.
300.0	Lode lime; discovery shaft bears S. 61° 34' E., 1334 ft.
380.0	Enter bed of Armer Gulch, course Sly.
475.0	Leave bed of Armer Gulch, course Sly.
600.0	Cor. No. 4.
	Set a 2½ ft. ¾ inch galv. pipe with a 2 inch round cast cap marked U.S. MINERAL SURVEY NO. 4310-S No.1-4, set 16 inches in ground and surrounded with a substantial mound of earth and rock. No suitable bearings available.
	Thence S. 61° 34' E.
194.0	Cross center of road bearings Nly and Sly.
244.0	Cross center of 10 ft. wash, course Sly.
1500.0	To Cor. No. 1 the place of beginning.

Area

Total area, Sunset No. 1 lode 20.661 Acres.

Location

This survey is located in the S½NE¼ and N½SE¼ of Section 29, T. 5 N., R. 13 E., Gila and Salt River Meridian, Gila County, Arizona, within the Tonto National Forest.

The survey of the Sunset No. 1 lode is identical with the amended location as marked on the ground.

Survey No. 4310

EXPENDITURES

The improvements and 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 are as follows:

No. 1 The discovery shaft 5x7x50 ft. deep the center of which bears N.61° 34' W., 166 ft. from the 300 ft. point on line 1-2.

The vein is stoped out 4x30x35 ft. deep to the NW. side of the shaft. A cross cut 4x5x7 ft. extends north-easterly from the bottom of the shaft.

Value, \$3,045.00

OTHER IMPROVEMENTS

A frame cabin 24x28 ft. the NW. corner of which bears S.35° 57' E., 138 ft. from Cor. No. 4.

A frame cabin 12.8x15 ft. the NW. corner of which bears S. 22° 45' E., 185 ft. from Cor. No. 4.

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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 _____
Charles H. Tanner,
known as the Sunset No. 1
and showing the respective capacities in which they acted.

- J. D. Roeder _____, *Chainman.*
- Ben J. Mollette _____, *Chainman.*
- C. E. Wilson _____, *Arman.*
- _____, *Flagman.*

FINAL OATHS OF ASSISTANTS

We, J. D. Roeder, Ben J. Mollette
and C. E. Wilson, do solemnly swear that we assisted _____
Harry E. Jones, Mineral Surveyor, in marking the corners and surveying
the boundaries of the mining claim of _____
Charles H. Tanner
known as the Sunset No. 1,
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.

- J. D. Roeder _____, *Chainman.*
- Ben J. Mollette _____, *Chainman.*
- C. E. Wilson _____, *Arman.*
- _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 3rd,
day of March, 19 48.

My Commission expires 7-22-49

[Signature]
Notary Public.

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~~GENERAL LAND OFFICE~~
Bureau of Land Management

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 5, 1947,
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 _____
Charles H. Tanner, known as the
Sunset No. 1,
situate in Sierra Ancha Mining District,
Gila County, Arizona, in Section
29, Township No. 5 North, Range No. 13 East
and designated as Survey No. 4310, 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 a Notary Public

this 3rd
day of March, 1948

[Signature]
Notary Public

My Commission expires 7-22-49

CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF
MINING CLAIM

UNITED STATES
DEPARTMENT OF THE INTERIOR
~~GENERAL LAND OFFICE~~
Bureau of Land Management
PUBLIC SURVEY OFFICE

At Phoenix, Arizona

March 19, 19 48

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 Charles H. Tanner

....., known as the

Sunset No. 1

situate in Sierra Ancha mining district,

Gila County, State of Arizona

in Section 29, Township No. 5 North, Range No. 13 East

G. & S. R. M., designated as Survey No. 4310

executed by Harry E. Jones, Mineral

Surveyor, January 24th and 25th, 1948, under my instructions dated

June 5, 1947, 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.

Frank M. Chapin
Office Cadastral Engineer.