

MINERAL SURVEY No. 3561

ARIZONA Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

THE CASTLE DOME DEVELOPMENT COMPANY

KNOWN AS THE

SULPHIDE and CENTER STAR lodes

Globe Mining District,

Gila County, Arizona, approximately in

Section 19 and 30, Township 1 N., Range 14 E., G. & S.

R.B. & M., unsurveyed, Crook National Forest

Surveyed under instructions dated January 7, 1919.

by Edwin T. Stewart
U. S. Mineral Surveyor.

only 5 or 6
2 1/2 days

Claim located See location notices, 19

Survey commenced January 8, 19 19.

Survey completed January 10, 19 19.

Address of claimant's attorneys, Morris & Malott,
Box 879, Globe, Arizona.

DATES OF AMENDED LOCATIONS.

~~Sulphide, December 22, 1918~~

~~Center Star, December 22, 1918.~~

Feet. Mineral Survey No. 3561. Sulphide lode.

Beginning at Cor.No.1, identical with N.E.Corner of the location.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 8 ins. in the ground, on bed rock, with mound of stone, scribed 1-S-3561, whence

An oak tree, 5 ins. in diameter, blazed and scribed cross B.T. 3561 bears S.52° 15' W. 36.75 ft.

A cedar tree, 10 ins. in diameter, blazed and scribed cross B.T. 3561 bears N.58° 48' W. 51.55 ft.

U.S.M.M.No.3, bears N.47° 00' 10" E. 5096.1 ft.

No other bearings available.

Thence S. 33° 36' W.

18.00 Bed of Gold Gulch, draining northwesterly.

299.60 To S.E.E.C.monument of the location from which the discovery cut bears N.50° 08' W. 19.0 ft.

A mound of stone, 3 ft. base, 3 ft. high.

599.20 To Cor. No.2, identical with S.E.Cor. of the location and Cor. No.1, Center Star lode, this survey.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 2-S-3561, for this claim.

No bearings available.

Thence N.50° 08' W.

Along line 1-4 of said Center Star lode.

1252.50 Bed of Gold Gulch, draining southwesterly.

1489.50 To Cor. No.3, identical with S.W.Cor. of the location and Cor. 4 of said Center Star lode.

A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 30 ins. in the ground, scribed 3-S-3561 for this claim, whence

- A sycamore tree, 20 ins. in diameter, blazed and scribed cross B.T.3561 bears S.44° 48' W. 72.6 ft.
- No other bearings available.
- Thence N.33° 36' E.
- 299.60 To N.W.E.C.monument of the location.
- A mound of stone, 3 ft. base, 3 ft. high.
- 599.20 To Cor. No.4, identical with N.W.Cor. of the location.
- A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 30 ins. in the ground, with mound of stone, scribed 4-S-3561.
- No bearings available.
- Thence S.50° 08' E.
- 755.00 Bed of Gold Gulch, draining southwesterly.
- 1084.00 Bed of Gold Gulch, draining northerly.
- 1489.50 To Cor. No.1, the place of beginning.
- Center Star lode.
- Beginning at Cor. No.1, identical with N.E.Cor. of the location and Cor. 2, Sulphide lode, this survey.
- A redwood post, previously described, to which I add 1-CS for this claim.
- U.S.M.M.No.3 bears N.45° 36' 10" E. 5680.7 ft.
- Thence S.33° 36' W.
- 107.80 Intersect line 2-3, Copper Queen lode, Sur.2767, N.60°02' E. 302.9 ft. from Cor.2.
- 299.60 To S.E.E.C.monument of the location from which the discovery out bears N.50° 08' W. 295.5 ft.
- A mound of stone, 3 ft. base, 3.5 ft. high.
- 492.90 Intersect line 1-2, Copper Queen lode, Sur.2767, S.16°13' E. 176.5 ft. from Cor.2.
- 599.20 To Cor. No.2, identical with S.E.Cor. of the location.
- A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 30 ins. in the ground, scribed 2-CS-3561.
- No bearings available.

Thence N.50° 08' W.

1489.50 To Cor. No.3, identical with S.W.Cor. of the location.
A redwood post, 4 ft. long, 4 ins. sq., with nail at the exact corner, set 24 ins. in the ground, with mound of stone, scribed 3-CS-3561.

No bearings available.

Thence N.33° 36' E.

299.60 To N.W.E.C.monument of the location.
A mound of stone, 3 ft. base, 3 ft. high.

354.00 Bed of Gold Gulch, draining northerly.

599.20 To Cor. No.4, identical with N.W.Cor. of the location and Cor.3, Sulphide lode, this survey.

A redwood post, previously described, to which I add 4-CS for this claim.

Thence S.50° 08' E.

Along line 3-2, of said Sulphide lode.

237.00 Bed of Gold Gulch, draining southwesterly.

1489.50 To Cor. No.1, the place of beginning.

Mean magnetic variation at all corners 14° E.

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Lode Lines.

As near as can be determined from present developments the veins of the two locations, embraced in this survey, extend as follows from their discovery points;

Sulphide, N.50° 08' W. 1470.5 ft and S.50° 08' E. 19.0ft.

Center Star, N.50°08' W.1194.0 ft and S.50°08'E.295.5 ft.

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Areas.

	Acres	Acres
Total Area, Sulphide,		20.367
Total Area, Center Star		20.367
Area in conflict with Copper Queen lode, Sur,2767,	0.596	

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Location.

This survey is located on unsurveyed land in what will probably be when surveyed Sections 19 and 30, T.1 N., R.14 E., G. & S.R.B. & M., Globe Mining District, Gila County, Arizona, in the Crook National Forest.

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Adjoining and Conflicting Claims.

The Arizona and East End lodes, unsurveyed, owned by the Penn Mining Company on the northeast. The Bell of The Brambles lode, unsurveyed, owned by the Inspiration Extension Copper Company and the Copper Queen lode, Sur.2767, owned by the Old Dominion Company on the southeast. The Southern Cross lode, unsurveyed, owned by the Castle Dome Development Company, on the southwest. And, the White Eagle lode, unsurveyed, owned by the Penn Mining Company on the northwest.

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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 in this survey, by the claimant or its grantors, is not less than Five Hundred Dollars and that said improvements consist of;

Sulphide lode.

No.1, the discovery, cut 4 x 10 x 18 ft., the center of the face of which is on the lode line 19.0 ft. from the S.E.E.C. and which extends thence N.88° E. to toe of cut. Value \$40.00.

No.2, 42.0 ft. of cut and tunnel, 4 x 6 ft., the center of the portal of which bears S.44° 15' W. 176.1 ft. from a point on line 4-1, 1421.2 ft. from Cor.4, and which extends thence N.44° E. 12 ft. to toe of cut and S.44° W. 30.0 ft. to face of tunnel. Value \$400.00.

No.3, a two compartment shaft, 4 x 7 x 183 ft., timbered, the N.W. Corner of which bears S.12° 06' E. 231.0 ft. from a point on line 4-1, 1207.8 ft. from Cor. 4. Value \$5000.00

This shaft was sunk by claimant's grantors as a common improvement for the benefit of both of the claims in this survey. It is now well below the surface of the claims and the development and mining of both claims from it is not only possible but feasible and advantageous. The value of the shaft is therefore distributed equally between the claims, \$2500.00 being credited to each.

No.4, shaft, 6 x 7 x 33 ft., the N.E. Cor. of which bears S.48° 00' W. 64.9 ft. from a point on line 4-1, 1421.2 ft. from Cor.4. Value \$650.00.

No.5, 35.5 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of which bears S.04° 37' W. 186.2 ft. from a point on line 4-1, 1207.8 ft. from Cor.4., and which extends thence S.36° W. 24.5 ft.; thence S.88° W. 11.0 ft. to face. Value \$275.00.

No.6, 116.0 ft. of cut and tunnel, 4 x 6 ft., the center of the toe of cut of which bears N.52° 57' W. 250.0 ft. from the last described point, and which extends thence S.61° W. 26.5 ft. to point 1; thence S.69° W. 52.0 ft. to face. And, from pt.1, N.10° W. 18.0 ft. to face. And, from pt.1, S.03° E. 19.5 ft. to face. Value \$1400.00.

No.7, 162.5 ft. of tunnel, 4 x 5 ft., the center of the portal of which bears N.40° 35' E. 44.0 ft. from the N.W. E.C. and which extends thence S.42° 15' E. 26.0 ft. to pt.1; thence S.42° 15' E. 33.5 ft. to pt.2; thence S.11° 30' W. 43.0 ft. to pt.3; thence S.37° 50' W. 40.0 ft. to face. And, from pt.1 S.58° W. 20.0 ft. to face. Value \$1900.00.

No.8, a caved shaft, 5 x 10 x 8 ft., the S.W. Cor. of which bears S.67° 00' E. 20.0 ft. from Cor. 3. Value \$50.00.

... 1/2 of the value of Improvement No.3 on the Center Star lode which is credited to this claim. Value \$20.00.

Center Star lode. No.1, the discovery, cut 4 x 11.5 x 20 ft., the center of the face of which is on the lode line 295.5 ft. from the S.E.E.C. and which extends thence S.17° W. to ^{mouth} face. Value \$40.00.

No.2, 33 ft. of cut and tunnel, 4 x 5.5 ft. the center of the toe of which bears N.07° 27' E. 217.3 ft. from the S.E.E.C. and which extends thence N.18° E. to face. Value \$275.00.

No.3, cut, 4 x 10 x 24 ft., the center of the toe of which bears S. 40° 40' E. 19.0 ft. from Cor. No.4, and which extends thence S.68° E. to face. Value \$40.00.

This improvement being located partially on the Center Star claim and partially on the Sulphide claim, the value thereof is distributed equally between the two claims, \$20.00 being credited to each.

1/2 of the value of Improvement No.3 of the Sulphide claim which is credited to this claim. Value \$2500.00.

Other Improvements. On the Center Star lode, 40 ft. of cut and tunnel, 4 x 5.5 ft., the center of the toe of which bears N. 64° 40' W. 315.8 ft. from the S.E.E.C. and which extends thence N.52° E. to face.

This improvement is not credited to this claim as it was not made by the claimant or its grantors.

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2. Instrument and Determination of Meridian.

This survey was made with a 6 1/4 inch Berger transit. The courses were deflected from the true meridian, as determined by direct Solar observation, verified by Polaris observation. The distances were measured with a 660 ft. steel tape.

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Report.

The side and end lines and all tie lines were run direct upon the ground.

U.S.M.M.No.3, to which tie is given is a pine post 6 ins. sq., showing 5 ft. out of the ground, surrounded by a mound of stone and scribed U.S.M.M.No.3, T.1-2767 and C-IV.

Cors.1,2 and 3, Copper Queen lode, Sur.2767, are 4 x 4 pine posts, properly set and scribed. The disagreement between these notes and the bearings of lines 1-2-3- of said Copper Queen lode is due to error in Sur.2767.

The disagreement between these notes and the location notices is due to error in said notices.

Edwin P. Steward
United States Mineral Surveyor.

Globe, Arizona, March 26th 1919

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Edwin T. Stewart
 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 _____
 _____ The Castle Dome Development Company _____
 known as the SULPHIDE and CENTER STAR lodes _____
 and showing the respective capacities in which they acted.

H. P. Miller _____, *Chainman.*
Paul E. Nelson _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

FINAL OATHS OF ASSISTANTS.

We, H. P. Miller _____
 and Paul E. Nelson _____, do solemnly swear that we assisted _____
Edwin T. Stewart _____, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of The Castle Dome Development Company _____

 known as the SULPHIDE and CENTER STAR 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 _____

H. P. Miller _____, *Chainman.*
Paul E. Nelson _____, *Chainman.*
 _____, *Aceman.*
 _____, *Flagman.*

Subscribed and sworn to by the above-named persons before me this 14th
 day of March, 1919

*my commission
 expires Feb. 12, 1923.*

L. B. Filand _____
 _____, *Notary Public*

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Edwin T. Stewart, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 7, 1919, 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 The Castle Dome Development Company, known as the SULPHIDE and CENTER STAR lodes, situate in Globe Mining District, Gila County, Arizona, approx., in Section 19 and 30, Township No. 1 N., Range No. 14 E. G. & S. R. B. & M., uns., in the Crook National Forest and designated as Survey No. 3561, 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 its 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.

Edwin T. Stewart
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Edwin T. Stewart
U. S. Mineral Surveyor, before me a Notary Public in and for
Gila County, Arizona, this 26th
day of March, 19 19.

My commission expires
February 12, 1923

[Signature]
Notary Public, Gila
County, Arizona.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

July 17, 1919.

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

THE CASTLE DOME DEVELOPMENT COMPANY,

known as the SULPHIDE and CENTER STAR Lodes,

situate in GLOBE

Mining District, GILA County, ARIZONA,

in Sections 19 & 30, Township No. 1 N., Range No. 14 E., Unsur., and

designated as Survey No. 3561, 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 said mining claim by claimant or its grantors, and that said improvements consist of 7 cuts, 5 tunnels and 3 shafts, total value \$10,070.

As improvement No. 3 on the Sulphide lode is a common improvement for the benefit and development of both of the claims of this survey, an undivided one-half interest therein, value \$2500, is properly credited to each of the claims in this survey.

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.

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.

July 17, 1919

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

THE CASTLE DOME DEVELOPMENT COMPANY,

known as the

SULPHIDE and CENTER STAR Lodes

situate in GLOBE, mining district,

GILA County, ARIZONA,

in Sections 19 and 30, Township No. 1 N., Range No. 14 E.,

Unsurveyed, designated as Survey No. 3561

executed by Edwin T. Stewart, U. S. Mineral

Surveyor, January 8-10, 1919, under my instructions dated

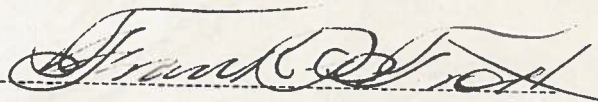
January 7, 1919, have been critically examined and the necessary cor-

rections 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.