

4-683

MINERAL SURVEY No. 3566

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Anson H. Smith and M. A. Sawyer

KNOWN AS THE

COPPER APEX Lode

Wallapai

Mining District,

Mohave

County,

Arizona.

Sections 29 & 32, Township 23 N., Range 17 W.

Surveyed under instructions dated January 16, 1919.

by Herman C. Zulch

U. S. Mineral Surveyor.

Claim located January 1, 1908.

Survey commenced April 6, 1919.

Survey completed July 12, 1919.

Address of claimant's Atty., Ross H. Blakely,
Kingman, Arizona.

DATES OF AMENDED LOCATIONS.

Feet.

COPPER APEX Lode.

See-1-

Beginning at Cor. No. 1, Identical with the S.W. Cor. Hopewell and the N.W. Cor. J.F.T., unsurveyed lodes; A redwood post 4 ft. long, 4 ins. square, with nail at exact Cor., set 18 ins. in the ground, in mound of earth and stone, scribed: C A 1-3566.

The South $\frac{1}{4}$ Cor. of Sec. 29; T.23 N; R.17 W., bears S26°-58'E 284.98 ft.

No other bearing objects available.

Thence S30°-55'W

296.06 Intersect South boundary of Sec. 29; T.23 N; R.17 W. at West 281.33 ft. from the $\frac{1}{4}$ Cor. and East 2358.67 ft. from the S.W. Cor. of said section boundary.

300.00 To S.E. End Center, Identical with the N.W. End Center J.F.T. lode, unsurveyed, A redwood post 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground in mound of earth and stone, scribed 3566.

600.00 To Cor. No. 2, Identical with the S.W. Cor. J.F.T lode, unsurveyed, A redwood post, 4 ft. long, 4 ins. square, with nail at exact Cor., set 18 ins. in the ground in mound of earth and stone, scribed: C A 2-3566.
No bearing objects available.

Thence N33°-19'W

312.04 Intersect South boundary of Sec. 29; T.23 N; R.17 W., at West 608.89 ft. from the $\frac{1}{4}$ Cor. and East 2031.11 ft. from the S.W. Cor. of said section boundary.

1500.00 To Cor. No. 3., A redwood post, 4 ft. long, 4 ins. square with nail at exact Cor., set 18 ins. in the ground, in mound of earth and stone, scribed: C A 3-3566.

No bearing objects available.

Thence N30°-55'E

Feet.

-2-

300.00 To N.W. End Center, A redwood post, 4 ft. long, 4 ins. square, with nail at exact point, set 18 ins. in the ground, in mound of earth and stone, scribed: 3566.

600.00 To Cor. No. 4, A granite rock in place, 14x26 ins. 16 ins. above the ground, A cross chiseled at exact Cor. and C A 4-3566. A rock monument, diameter of base 3 ft. and 3 ft. high, alongside.

No bearing objects available.

Thence S33°-19'E

1500.00 To Cor. No. 1, the place of beginning.

Variation at all corners 16°-30' East.

LODE LINE.

As near as can be determined from present development the discovery vein embraced in this claim extends 1000 ft. N33°-19'W and 500 ft. S33°-19'E from the portal of the discovery tunnel.

AREA.

Acres.

Total Area Copper Apex lode-----18.607 ✓

The survey of this claim is identical with the location as staked upon the ground.

LOCATION.

This claim is located in Sec's 29 and 32; T.23 N; R.17 W. G. & S.R. B. & M., Wallapai Mining District, Mohave County, Arizona.

ADJOINING AND CONFLICTING CLAIMS.

The J.F.T lode adjoins the Copper Apex lode on the Southeast. Claimant unknown.

Others, if any, unknown.

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements, made upon the location embraced in this survey, by the claimant or its grantors, is not less than five hundred dollars, and that said improvements consist of:

No.1- The discovery tunnel, on the discovery vein, consisting of 42 ft. of adit; The portal of the tunnel is on the lode line 500 ft. from the S.E. End Center; thence the tunnel, 4x6 ft. runs S60°E 20 ft. to point, and 22 ft. to brst., from point a cross cut runs N28°E 7 ft. and S28°W 17 ft.

Value \$630.00

No.2- Shaft; 5x7 ft. 8 ft. deep, The center of shaft bears N70°45'W 60 ft. from the S.E. End Center.

Value \$80.00

No.3- Trench, 4 ft. wide, 2 ft. deep and 110 ft. long, course S30°W. The Northerly end of trench bears N55°50'W 190 ft. from the S.E. End Center.

Value \$90.00

No.4- Cut and Tunnel, The center of mouth of cut, 4 ft. wide, bears N32°W 185 ft. from the S.E. End Center, running N70°E 15 ft. to 10 ft. face, thence a tunnel 4x6 ft. runs N70°E 10 ft. to brst.

Value \$130.00

No.5- Cut, The center of 8 ft. face bears N22°30'W 275 ft. from the S.E. End Center, 5 ft. wide running N64°W 12 ft. to mouth.

Value \$30.00

No.6- Tunnel and Winze- The center of west end of winze 4x6 ft. 8 ft. deep, identical with the portal of the tunnel bears S58°30'E 490 ft. from Cor. No.3; Thence the tunnel 4x6½ ft. runs East 48 ft. to point; thence N58°E 25 ft. to brst.

Value \$1175.00

No.7- Shaft, 4x6 ft. 15 ft. deep; The center of shaft bears S66°50'E 570 ft. from Cor. No.3

Value \$225.00

No.8- Shaft, 4x8 ft. 6 ft. deep; The center of shaft bears S44°50'E 190 ft. from the N.W. End Center

Value \$50.00

OTHER IMPROVEMENTS.

Cut and Tunnel, The center of mouth of cut, 5 ft. wide, bears S58°30'E 208 ft. from Cor. No.3 running thence S13°W 18 ft. to 10 ft. face, thence a tunnel 4x6 ft. runs S13°W 5 ft. to face, claimant unknown.

Shaft, 4x6 ft. 10 ft. deep, The center of shaft bears S58°E 150 ft. from Cor. No.3, claimant unknown.

Shaft, 4x6 ft. 30 ft. deep, The center of shaft bears S43°10'E 122 ft. from Cor. No.3, claimant unknown.

INSTRUMENT AND DETERMINATION OF MERIDIAN.

This survey was made with an Ainsworth Engineers transit.

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

The distances were measured with 100 and 500 ft. steel tapes.

REPORT.

The lode, end and tie lines of this location were run direct upon the ground.

The S $\frac{1}{2}$ Cor. of Sec. 29; T.23 N; R.17 W., to which tie is given, consists of a one inch black iron pipe with brass cap, stamped S29 S32.

The S.W. Cor. of Sec. 29; T. 23 N; R17 W; consists of a
two inch black iron pipe with brass cap, stamped:

T 23 N R 17 W S29 S30 S31 S32

Oatman, Arizona.

July 20, 1919.

Herman C. Zulech
U. S. Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Herman C. Zulch
 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 _____
Anson H. Smith and M. A. Sawyer
 known as the COPPER APEX Lode
 and showing the respective capacities in which they acted.

James J. Moss, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, I, James J. Moss
 and _____, do solemnly swear that ^Iwe assisted
Herman C. Zulch, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of _____
Anson H. Smith and M. A. Sawyer
 known as the COPPER APEX 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 ^{my}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.

James J. Moss, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman

Subscribed and sworn to by the above-named persons before me this 17th
 day of July, 1919

My Commission
 expires June 28th 1923

James J. Moss
Jacob H. Sheffield
 Notary Public.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Herman C. Zulch, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated January 16, 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 Anson H. Smith and M. A. Sawyer, known as the COPPER APEX Lode, situate in Wallapai Mining District, Mohave County, Arizona, in Section 29 & 32, Township No. 23 N., Range No. 17 W., and designated as Survey No. 3566, 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.

Herman C. Zulch
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Herman C. Zulch
U. S. Mineral Surveyor, before me Jacob Sheffield
A Notary Public this 17th
day of July, 19 19

Jacob Sheffield
Notary Public

My Commission
expires June 28th 1923

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

October 27, 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 Anson H. Smith and M. A. Sawyer
known as the COPPER APEX lode
situate in Wallapai
Mining District, Mohave County, Arizona
in Section s 29 & 32, Township No. 23 N., Range No. 17 W., and
designated as Survey No. 3566, 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 improve-
ments made upon said mining claim by claimants s or their grantors, and that said improvements
consist of 2 cuts, 3 tunnels, 3 shafts, 1 crosscut, 1 trench, and
1 winze, total value \$2,410.

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.

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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.

October 27, 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

Anson H. Smith and M. A. Sawyer

, known as the

COPPER APEX lode

situate in Wallapai mining district,

Mohave County, Arizona

in Sections 29 & 32, Township No. 23 N., Range No. 17 W.

, designated as Survey No. 3566

executed by Herman C. Zulch, U. S. Mineral

Surveyor, April 6 - July 12, 1919, under my instructions dated

January 16, 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.