

4-683.

MINERAL SURVEY No. 2749

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Federal Development Company,

KNOWN AS THE

Roosevelt and Glimax

San Francisco Mining District,

Mohave County, Arizona.

Section Approx. , Township 19 N. , Range 20 W., U.S.M.

Surveyed under instructions dated December 3 rd., 1909

by Peter Mc Cardell, U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced January 6 th., 1910

Survey completed January 8 th., 1910

8-822

Address of claimants Attorney,

O. D. M. Gaddis, Kingman, Arizona.

(3)

AS^o 12^o 10^o E^o

Feet

SURVEY No. 2749.35, A^o

ROOSEVELT LODE.

Beginning at Cor. No. 1. The lode is the same as that of
 identical with Cor. No. 2, Gold Coin lode, Survey No. 2426
 A redwood post, 4 ins. square, scribed 1-2749-R, and is
 more fully described in the notes of said survey, whence
 U. S. L. M. No. 1679, San Francisco Mining District, bears
 S. 42° 19' W. 3085.5 ft. C^o S^o 50, 50, E^o

Thence N. 27° 31' W.

Look 3 ft. above the ground, bears S. 81° 24' E. 22° 8' W.
 Va. 15° 20' E.

756.3

To Cor. No. 2.
 Look 3 ft. above the ground, bears N. 12° 03' W. 25° 4' E.
 A porphyry stone, 8 X 12 X 22 ins., set 12 ins. in the
 ground, mound of stone, chiseled 2-2749 R, cross (X) at
 corner point, whence

A cross (X) and B. R. 2-2749 chiseled on a porphyry
 rock 1 1/2 feet above the ground, bears N. 87° 49' W.
 17.73 ft., no other bearing objects available.

AS^o 12^o 10^o E^o

Thence N. 4° 09' W.

Va. 14° 05' E.

743.7

To Cor. No. 3.
 Identical with Cor. No. 1 Climax lode of this survey.

A cross (X) and 1-3-2749 R. C. chiseled on the top of
 a porphyry cliff, 8 ft. above the ground, whence
 A cross (X) and B. R. 1-3-2749 chiseled on a porphyry
 rock 2 ft. above the general surface, bears N. 8° 09' E.
 11.1 ft., and a cross (X) and B. R. 1-3-2749 chiseled

600

on a porphyry rock 3 ft. above the ground, bears S. 87°
 39' E. 34 ft.

Thence N. 50° 32' E.

Va. 14° 33' E.

300

To north end center. and center of lode of site

Feet (1)
Identical with south end center Climax lode of this survey.
As. 140 22, E.

600 A porphyry stone, 5 X 14 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled N. E. C., R. 2749 and S. E. C., C. 2749 on their respective faces.
To Cor. No.4.

Identical with Cor. No.4, Climax lode of this survey,
A porphyry stone, 6 X 8 X 24 ins., set 12 ins. in the ground, mound of stone, chiseled 4-2749 R. and 4-2749 C on their respective faces, cross (X) at corner point,
Monument on boundary cone bears S. 5° 13' E., no other bearing objects available.

Thence S. 4° 09' E.

743.7 To Cor. No.5.

A porphyry stone, 5 X 8 X 32 ins., set 12 ins. in the ground, mound of stone, chiseled 5-2749 R., cross (X) at corner point, whence
A cross (X) and B. R. 5-2749 chiseled on a porphyry rock 3 ft. above the ground, bears N. 17° 02' W. 32.7 ft. and a cross (X) and B. R. 5-2749 chiseled on a porphyry rock 2 ft. above the ground, bears S. 81° 34' E. 53.2 ft.

Thence S. 27° 20' 20" E.
Va. 16° 18' E.

756.8 To Cor. No.6.
Identical with Cor. No.3, Gold Coin lode, Survey No. 2426.
A redwood post, 4 ins. square, scribed 6-2749 R. and heretofore described in the field notes of said survey.

Thence S. 50° 32' W.
Va. 15° 10' E.

Feet.

SURVEY No. 2749-- Continued.

ROOSEVELT LODE - Continued.

Along line 3-2 Gold Coin lode, Survey No. 2426.
To south end center.

297.6

A redwood post, 4 ins. square, scribed S. E. C., R. 24, A* 2749.

597.6

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

CLIMAX LODE.

Beginning at Cor. No. 1. Identical with Cor. No. 3 Roosevelt lode of this survey and heretofore described, whence

U. S. L. M. No. 1679, San Francisco Mining District,

900

bears S. 24° 22' 42" W. 4055.58 ft.

300

Thence N. 34° 34' W. 1500 ft. to Va. 14° 33' E. 14' 10. 10. E'

1500

To Cor. No. 2.

A porphyry stone, 6 X 12 X 27 ins., set 12 ins. in the ground, mound of stone, chiseled 2-2749 C., cross at corner point, whence

1200

A cross (X) and B. R. 2-2749 chiseled on a porphyry rock 1 ft. above the ground, bears S. 67° 44' E. 66.73 ft., and a cross (X) and B. R. 2-2749 chiseled on a porphyry rock 2 ft. above the ground, bears S. 88° 19' W. 75.9 ft.

300

To north end center.

A porphyry stone, 7 X 10 X 25 ins., set 12 ins. in the ground, mound of stone, chiseled N. E. C., 2749 C.

600

To Cor. No. 3.

feet

Feet.

SURVEY No. 2749 - Continued.

400

LO COL. NO. 2 CLIMAX LODE - Continued.

200

A porphyry stone, 6" X 12" X 28" ins., set 12" in the ground, mound of stone, chiseled 3-2749 CL, cross (X) at corner point, whence

A cross (X) and B. R. 3-2749 chiseled on a porphyry rock 2 ft. above the ground, bears, S. 62° 25' E. 89.7 ft.

no other bearing objects available.

A. 22° 8' E.

Thence S. 34° 34' E.

Va. 14° 56' E.

1500

To Cor. No. 4.

Identical with Cor. No. 4 Roosevelt lode of this survey and heretofore described.

Thence S. 50° 32' W.

1200

LO COL. NO. 3

Thence S. 50° 32' W.

Va. 15° 16' E.

A. 7° 22' E.

Along line 4-3 Roosevelt lode of this survey.

300

To south end center, and heretofore described.

600

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

Thence S. 34° 34' E. 1028 ft.

LODE LINES.

As near as can be determined from present developments the veins of these locations embraced in this claim extend as follows from their respective discovery points.

Roosevelt lode, 219 ft. S. 27° 31' E. and 537.3 ft.

N. 27° 31' W. thence N. 4° 09' W. 743.7 ft.

LO COL. NO. 1 the place of beginning

Climax lode, 472 ft. S. 34° 34' E. and 1028 ft. N. 34° 34' W.

AREA.

Area of Roosevelt lode.....18.529 Acres

" " Climax lode..... 20.536 "

ROOSEVELT LODE - CONTINUED

CLIMAX LODE - CONTINUED

SURVEY No. 2749 - Continued.

This survey is identical with the respective locations.

LOCATION.

This survey is located in San Francisco Mining District, Mohave County, Arizona, approximately in T. 19 N., R. 20 W., ^{unsurveyed} G. & S. R. B. & M.

ADJOINING CLAIMS

The adjoining claim is the Gold Coin lode, Survey No. 2426, on the south. There are no other adjoining claims.

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 embraced in said mining claim by the claimants or its grantors is not less than five hundred dollars, and that said improvements consist of:

ROOSEVELT LODE.

No. 1. The discovery shaft, on the center line 212 ft. from the South end Center, 4 X 8 ft., 200 ft. deep, in rock, timbered. Value \$3,500.

Note- A 1/2 interest of this shaft to be credited to this lode. Value, \$1,750

No. 2. A shaft, which bears from Cor. No. 6, N. 65° 23' W. 477.4 ft., 4 X 6 ft., 59 ft. deep, in rock.

CLIMAX LODE.

The discovery shaft, on the center line 472 ft. from the center of line 1-4, 4 X 6 ft., 10 ft. deep. Value, \$40

Note- A 1/2 interest in shaft No. 1, Roosevelt lode is to be credited to this lode. Value, \$1,750

Note- As shaft No. 1, Roosevelt lode, is located on

(2)

SURVEY No. 2749

Continued.

lower ground than the Climax lode, and as so situated is a benefit to that lode as a means of drainage of the ground and veins of that lode, and therefor is a common improvement, and 1/2 of the value of said shaft is credited to the Climax lode.

CLIMAX LODE
INSTRUMENT.

This survey was made with a Buff and Berger Transit. The courses were deflected from the true meridian as determined from direct solar observations. The distances were measured with a 100-ft. and 500-ft. steel tapes.

REPORT

The lode lines of each location of this survey was run directly upon the ground, and the several corners established by means of offsets from the lode line. All tie lines were run either directly upon the ground or by traverses, run upon the ground and submitted in a separate report herewith.

Note: The cause of the ledge of the Roosevelt lode not lying in a straight course is on account of its being faulted or shifted. The ledge shows an outcrop on the surface nearly as designated on the preliminary plat and is the same ledge as the Climax.

ADJOINING GRVING

THIS SURVEY IS LOCATED IN THE FOLLOWING MINE DISTRICT

LOCATION

THIS SURVEY IS IDENTICAL WITH THE PREVIOUS SURVEY.

NOTICE OF MINING LOCATION

MINERAL CLAIM

DE. 3-1909

To All Whom It May Concern:

This mining claim, the name of which is the Roosevelt
 Mining Claim, situate on the lands belonging to the United States of America, and in which there are valuable
 mining deposits, was entered upon and located for the purpose of exploration and purchase by
E. P. Purcell & W. A. Brooks

the undersigned citizen, on the 7th day of December 1901

The length of this claim is Fifteen Hundred (1500) feet and we
 claim 1280 feet in a North westerly direction and
220 feet in a South Easterly direction
 from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three
 Hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course
 of the lode deposit and premises is North west to the South east

The claim is situated and located in the San Francisco Mining District,
 in Mohave County, in the Territory of Arizona, about 3 miles
 in a Northerly direction from Boundary
Cone and 1/4 mile North east of Leland mountain, 1/4 mile north
west of Tredwell Group joining the Lenard Group east and west
and joining the Taner Group on the South west

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument
 of stone at a point in a North westerly direction 1280
 feet from the discovery shaft (at which this notice is posted), being in the center of the North West
 end line of said claim; thence North east Three Hundred (300) feet
 to a monument of stone, being the Northwest corner of said claim; thence
Southeast Seven Hundred and Fifty (750) feet to a monument of stone, at
 the center of the North east side line of said claim; thence South east
 Seven Hundred and Fifty (750) feet to a monument of stone, being at the Southeast
 corner of said claim; thence Southwest Three Hundred (300) feet to a monument of stone
 at the center of the Southeast end of said claim; thence Southwest
 Three Hundred (300) feet to a monument of stone, being at the Southeast corner of said
 claim; thence Northwest Seven Hundred and Fifty (750) feet to a monument of stone,
 being at the center of the Southwest side line of said claim; thence Northwest
 Seven Hundred and Fifty (750) feet to a monument of stone at the Northwest
 corner of said claim; thence Northeast Three Hundred (300) feet to
 the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States,
 and of an Act of the General Assembly of Arizona, entitled, "An Act Concerning Mines," approved March 2, 1899,
 and March 16, 1901, and all acts and parts of acts enacted up to and including the date of this location.

Dated and posted on the ground, this 7 day of December 1901

E.A. Purcell
W.A. Brooks

Filed and Recorded at request of Henry Ewing this 21st day

February A. D. 1902, at 4 o'clock 30 minutes P. M.

in Book U at page 27

Jno. P. Feeny

County Recorder.

NOTICE OF MINING LOCATION

MINERAL CLAIM

To All Whom It May Concern:

This mining claim, the name of which is the Olimax Mining Claim, situate on the lands belonging to the United States of America, and in which there are valuable mining deposits, was entered upon and located for the purpose of exploration and purchase by

R. P. Purcell and W. A. Brooks

the undersigned citizen^s, on the 7 day of December 1901

The length of this claim is Fifteen Hundred (1500) feet and we claim 1020 feet in a Northwesterly direction and 480 feet in a Southeasterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with Three Hundred (300) feet in width of the surface grounds, on each side of the center of said claim. The general course of the lode deposit and premises is North west to the South east

The claim is situated and located in the San Francisco Mining District, in Mohave County, in the Territory of Arizona, about 3 miles in a Northerly direction from Boundary Cone and 1/2 mile North east of Leland mountain 1/2 mile west or North west of Tredwell Group joining Taner Group south west.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a Northwesterly direction 1020 feet from the discovery shaft (at which this notice is posted), being in the center of the Northwest end line of said claim; thence Northeast Three Hundred (300) feet to a monument of stone, being the Northwest corner of said claim; thence Southeast Seven Hundred and Fifty (750) feet to a monument of stone, at the center of the Northeast side line of said claim; thence Southeast Seven Hundred and Fifty (750) feet to a monument of stone, being at the Southeast corner of said claim; thence Southwest Three Hundred (300) feet to a monument of stone at the center of the Southeast end of said claim; thence Southwest Three Hundred (300) feet to a monument of stone, being at the Southeast corner of said claim; thence Northwest Seven Hundred and Fifty (750) feet to a monument of stone, being at the center of the Southwest side line of said claim; thence Northwest Seven Hundred and Fifty (750) feet to a monument of stone at the Southwest corner of said claim; thence Northeast Three Hundred (300) feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled, "An Act Concerning Mines," approved March 2, 1899, and March 16, 1901, and all acts and parts of acts enacted up to and including the date of this location.

Dated and posted on the ground, this 7 day of December 1901

R. A. Purcell

W. A. Brooks

Filed and Recorded at request of Henry Ewing this 21st day

February A. D. 1902, at 4 o'clock 30 minutes P. M.

in Book U at page 28

Jno. P. Feeny

County Recorder.

TERRITORY OF ARIZONA, }
 COUNTY OF MOHAVE. } SS.

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I, R. A. Robertson Recorder of Mohave County, Territory

of Arizona, do hereby certify that I have compared the foregoing copy of the
"Roosevelt and Chinax" Lode Mining Claims
 and of the endorsement thereupon with the original records of the same on file in this
 office, and that the same are correct transcripts therefrom and
 of the whole of said original records.



WITNESS my hand and the seal of said office, this
2nd day of Dec 1909

R. A. Robertson
 Recorder of Mohave County.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Peter McCardell
 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 _____
Federal Development Company
 known as the Roosevelt and Climax
 and showing the respective capacities in which they acted.

Joseph Krauss, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~, I Joseph Krauss
 and _____, do solemnly swear that ~~we~~ ^I assisted _____
Peter McCardell, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Federal Development Company
 known as the Roosevelt and Climax
 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 _____

Joseph Krauss, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

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

day of January, 1910

P. McCardell
 Notary Public
 My Commission Expires Aug. 19th 1911

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Peter Mc Cardell, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
December 3 rd. 1909, 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 Federal Development Company
, known as the
Roosevelt and Climax
situate in San Francisco Mining District,
Mohave County, Arizona, in Section
Approx. 7 Township No. 12 N., Range No. 20 W., G. & S. R. D. & M.
and designated as Survey No. 2749, 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 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.

Peter Mc Cardell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Peter Mc Cardell,
U. S. Mineral Surveyor, before me Alexander Smith U.S.
Commissioner 4th Dist Arizona this 31 st.
day of January, 1910.

Alexander Smith
U.S. Commissioner

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

April 6, 1910, 190

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 Federal Development Company

known as the Roosevelt and Climax

situate in San Francisco

Mining District, Mohave County, Arizona

in Section Approx. Township No. 19 N., Range No. 20 W., Unsur., and

designated as Survey No. 2749, 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 for each of its grantors, and that said improvements consist of 3 shafts, total value \$4240.00. Shaft No. 1 on the Roosevelt lode being a common improvement for both of the claims in this survey, an undivided 1/2 interest therein, value \$1750.00, is properly credited to each of said claims.

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 S. Ingalls,

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.

April 6, 1910, 190

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 Federal Development Company

known as the Roosevelt and Climax

situate in San Francisco Mining District, Mohave County, Arizona

in Section Approx., Township No. 19 N., Range No. 20 W., Unsur. designated as Survey No. 2749

executed by Peter McCardell, U. S. Deputy Mineral Surveyor, January 6 - 8, 19010, under my instructions dated December 3rd, 1909, 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. A true copy of the copy of the location certificate filed by the applicant. for survey is included in the field notes.

[Handwritten signature]

U. S. Surveyor-General for Arizona.