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Recd. Apr. 17/06

(4-683.)

Mineral Survey No. 2214

Lot No. _____

~~GIA~~ Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Duquesne Mining and Reduction Co.

KNOWN AS THE

Meyer Lode

Patagonia Mining District.

Santa Cruz County, Arizona

Section 11 Approx., Township 24 S., Range 16 E.

Surveyed under instructions dated Feb. 14th., 1906

by Philip Contzen

U. S. Deputy Mineral Surveyor

Claim located See location notices 1

Survey commenced Feb. 22, 1906 1

Survey completed Feb. 22, 1906 1

Address of Claimants Atty.

Frank H. Hartford

Tucson, Arizona.

*File
Index
and
check*

Surv. No. 2214.
M E Y E R L O D E.

Beginning at Cor. No. 1. Identical with the location which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high. Also identical with Cor. No. 2 of the Big Cave Lode, Survey No. 2021 and with Cor. No. 5 of the Copper Belt Lode Survey No. 2021, which is a pine post 4 x 6 ins. x 2 ft. above ground, in mound of stone. I now scribe M-1-2214 on the S.E. face.

From this cor. U.S.M.M. No. 1, P.M.D., bears N. $76^{\circ}-36'W$. ~~322.6~~ ft. dist. and

An oak 14 ins. in diam. bears N. $23^{\circ}W$. 41.5 ft. dist. and An oak 14 ins. in diam. bears N. $41\frac{1}{2}^{\circ}W$. 63 ft. dist. both blazed and scribed 1-2214 B T., Cor. to Secs. 1, 6, 7 & 12 T. 24 S., R's. 15 & 17 E. brs. N. $83^{\circ}-38'40''E$. 9613.8 ft.

Thence S. $15^{\circ}-25'W$.

Variation $12^{\circ}-15'E$.

50. Gulch, course N.E.
222.6 West end center monument. Identical with the location which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high.
522.6 Cor. No. 2. Identical with the location, which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high. Set a lime stone 24 x 12 x 12 ins. 18 ins. in the ground chiseled with a cross (x) and 2-2214 and raise a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high alongside.
From this corner an oak 12 ins. in diam. bears S. $27\frac{1}{2}^{\circ}W$. 74 ft. dist. and
An oak 12 ins. in diam. bears N. $17\frac{1}{2}^{\circ}W$. 25 ft. dist. both blazed and scribed 2-2214 B T.
Thence S. $85^{\circ}-36'E$.
Variation $12^{\circ}-15'E$.
- 231.1 Intersect line 4-5 of the Copper Belt Lode, Survey No. 2021 at a point from which Cor. No. 5 of said lode bears N. $9^{\circ}-57'W$. 529.5 ft. dist.
350 Ridge, bears N. & S.
605 Gulch, course N.E.
1000 Ridge, bears N.E. & S.W.
1465.1 Cor. No. 3. Identical with the location, which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high. Also identical with Cor. No. 1 of the Rhino Lode, Survey No. 2021, which is a porphyry stone 10 x 8 x 6 ins. above the ground. I now chisel thereon 3-2214, from which
An oak 6 ins. in diam. bears West 33.4 ft. dist. and
An oak 5 ins. in diam. bears S. $34^{\circ}W$. 35.8 ft. dist. both blazed and scribe 3-2214 B T.
Thence N. $15^{\circ}-25'E$.
Variation $12\frac{1}{4}^{\circ}E$.
150. Gulch, course S.E.
300 East end center monument. Identical with the location which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high.
600 Cor. No. 4. Identical with the location, which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high. Also identical with Cor. No. 4 of the Big Cave Lode, Survey No. 2021, which is a pine post 6 x 4 ins. x 2 ft. above the ground in a mound of stone.
I now scribe M 4-2214 on the S.W. face, from which
An oak 5 ins. in diam. bears S. $50^{\circ}E$. 46.6 ft. dist. and
An oak 12 ins. in diam. bears N. $13\frac{1}{2}^{\circ}E$. 33.4 ft. dist. both blazed and scribed 4-2214 B T.
Thence N. $85^{\circ}-36'W$.
Variation $12\frac{1}{4}^{\circ}E$.
- 608.9 Cor. No. 5. Identical with the location which is a mound of stone 3 ft. base and $2\frac{1}{2}$ ft. high. Also identical with Cor. No. 3 of the Big Cave Lode, Survey No. 2021, which is a pine post 4 x 6 ins. x 2 ft. above the ground in a mound of stone. I now scribe M 5-2214 on the S. face, from which

An oak 6 ins. in diam. bears N. 6°W. 40.4 ft. dist. and
 An oak 6 ins. in diam. bears N. 40°E. 86.7 ft. dist. both
 blazed and scribed 5 - 2214 B T.

Thence S. 89°-25'W.

Var. 12 $\frac{1}{2}$ °E.

844. Gulch, course N.E.
 874.3 Cor. No. 1, the place of beginning.

A R E A.

Total	
Net area of the Meyer Lode	19.062 Acres
Area of conflict with the Copper Belt Lode, Survey No. 2021	1.361 Acres
Net area of the Meyer Lode	17.701 Acres

L O C A T I O N.

This claim is located approximately in Section 11, T. 24 S.,
 R. 16 E. Unsurveyed. G & S. R., B & Mer. in Patagonia Mining
 District, Santa Cruz County, Arizona.

ADJOINING CLAIMS

This claim is bounded on the North by the Big Cave Lode,
 Survey No. 2021 and

On the East by the Rhino Lode, Survey No. 2021 and
 on the West conflicts with the Copper Belt Lode, Survey No.
 2021.

Course of Vein

The course of the vein of this lode is S. 85°-36'E. 1465.1 ft.
 running from the West end center monument to the East end
 center monument.

EXPENDITURE

I certify the value of the labor and improvements upon this
 claim, placed thereon by the claimants, is and consists of

Discovery cut No. 1, 10 x 15 x 8 ft. average depth bears
 N. 85°-36'W. 260 ft. dist. from the E. end center monument.

Value \$150.00

OTHER IMPROVEMENTS

From Cor. No. 5

A shaft No. 2 bears S. 83°W. 700 ft. dist. 6 x 4 x 10 ft. deep

A shaft No. 3 bears S. 66°W. 720 ft. dist. 6 x 4 x 10 ft. deep

A shaft No. 4 bears S. 68 $\frac{1}{2}$ °W. 730 ft. dist. 6 x 6 x 25 ft. deep.

From the west end center monument

An open cut bears S. 52°W. 100 ft. dist. 15x5x5 ft. average
 depth. Claimants unknown.

INSTRUMENT

This survey was made with a Young Light Mountain Transit
 with solar attachment. The courses were deflected from the
 true meridian as determined by direct solar observations.
 The distances were measured with a 100 ft. steel tape.

POLARIS OBSERVATION.

P.M.

At cor. No. 1 of this lode on Feb. 22-1906 at 9 h. 9 m., l.m.t.,
 I observe Polaris at western elongation. I mark this line
 by a bolt 18 ins. long, 300 ft. N. of my station. At 7 a.m.,
 Feb. 23rd. I deflect the azimuth 1°-25' to the East
 From the meridian thus established I determine the courses
 of the lines of this survey, which agree with the courses as
 determined by the solar.

Philip Couzger
 U. S. Deputy Mineral Surveyor

NOTE:-

When this survey was executed it was not known to be within two miles of a corner of the public land surveys, I returned to the field under instructions from the Surveyor General and connected Cor. No. 1 with the public land corner, which accounts for Cor. No. 1 of the survey not being the corner nearest the public land corner.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Contzen
 United States Deputy 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
Duquesne Mining and Reduction Co.
 known as the Meyer Rods
 and showing the respective capacities in which they acted.

- Frank R. Blair, Chainman.
- John H. Taylor, Chainman.
- John H. Taylor, Azman.
- Frank R. Blair, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Frank R. Blair and John H. Taylor
 and Philip Contzen, do solemnly swear that we assisted Philip Contzen
 United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Duquesne Mining & Reduction Co.
 known as the Meyer Rods
 represented in the foregoing field notes as having been surveyed by said deputy 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 United States Surveyor-General for Arizona

- Frank R. Blair, Chainman.
- John H. Taylor, Chainman.
- John H. Taylor, Azman.
- Frank R. Blair, Flagman.

Subscribed and sworn to by the above-named persons before me this 10th

day of April, 1906

H. G. Power

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Contzen, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Feb. 14th. 1906, 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 Duquesne Mining and Reduction Co., known as the Meyer Lode, situate in Patagonia Mining District, Santa Cruz Co. County, Arizona, in Section 11 Approx., Township No. N. 8., Range No. 16 E. and designated as Survey No. 2214, 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.

Philip Contzen
 U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Contzen,
 U. S. Deputy Mineral Surveyor, before me ~~12th~~
 this 10th
 day of April, 1906,

H. G. Powers

NOTICE OF MINING LOCATION.

Quartz Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the MEYER mining claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purpose of exploration and purchase by Duquesne Mining and Reduction Company, by H. S. Stewart, its Agent, the undersigned, on the 11th day of September, 1905.

The length of this claim is fourteen hundred eighty three and $2/10$ feet, and we claim two hundred fifty feet in an easterly direction and twelve hundred thirty-three and $2/10$ feet in a westerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with three hundred 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 from the East to the West.

The claim situated and located in the Patagonia Mining District, in Santa Cruz County, in the Territory of Arizona, about four thousand feet in an easterly direction from the U. S. Mineral Monument No. 1 and is bounded on the north by the Big Cave lode claim, on the east by the Rhino lode claim, and on the west by the Copper Belt lode claim.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in an easterly direction two hundred fifty feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence north $15^{\circ} 25'$ east 300 feet to a monument of stone at corner No. 4 of Big Cave lode claim being the northeast corner of said claim; thence north $85^{\circ} 36'$ west

608.9 feet to a monument of stone at corner No. 3 of Big Cave lode claim; thence south $89^{\circ} 25'$ west 874.3 feet to a monument of stone at corner No. 2 of Big Cave lode claim being at the north west corner of said claim; thence south $15^{\circ} 25'$ west 300 feet to a monument of stone at the center of the west end of said claim; thence south $15^{\circ} 25'$ west 300 feet to a monument of stones being the south west corner of said claim; thence east 1483.2 feet to a monument of stone at corner No. 1 of the Rhino lode claim being at the south east corner of said claim; thence north $15^{\circ} 25'$ east 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 20th, 1895.

Dated and posted on the ground this 11th day of September, 1905.

DUQUESNE MINING AND REDUCTION CO.,
By H. S. Stewart, General Agent.

Witnesses:

Chas. A. Bankerd.

Frank K. Blair.

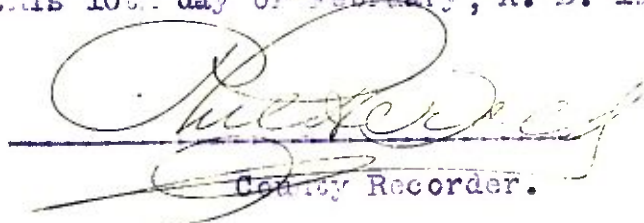
Filed and recorded at request of Duquesne M. & R. CO.
Dec. 7, A. D. 1905. at 9 A. M.

PHIL BEROLD, County Recorder.

Territory of Arizona,) ss.
County of Santa Cruz.)

I, Phil Herold County Recorder in and for the County and Territory aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of the MEYER mining claim, located by the Duquesne Mining and Reduction Co., and situated in the Patagonia Mining District, Santa Cruz County, Arizona as the same appears of record in my office in Book 6 of Mining Locations at page 43.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 10th day of February, A. D. 1906.


County Recorder.

4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

June 16", 1906.

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 Duquesne Mining and Reduction Co., known as the Meyer Lode, situate in Patagonia Mining District, Pima County, Arizona, in Section 11 APPROX., Township No. 24 S., Range No. R. 16 E., and designated as Survey No. 2214, 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 less than 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, at time of survey, 1 cut value \$150.00.

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 Territory of Arizona.

(4-687.)

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,

June 16th, 1906.

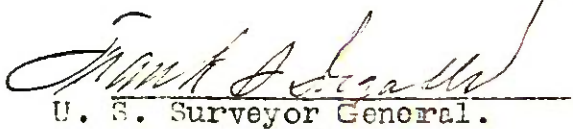
I, U. S. Surveyor General for District of Arizona, do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Duquesne Mining and Reduction Co., known as the Meyer Lode, situate in Patagonia mining district, Santa Cruz County, Arizona, in Section 11 Approx., Township No. 24 S., Range No. 16 E., designated as Survey No. 2214, executed by Philip Contzen, U. S. Deputy Mineral Surveyor, February 22, 1906, under my instructions dated February 14th, 1906, 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. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Frank A. Sigall

U. S. Surveyor General for District of Arizona.

DEPARTMENT OF THE INTERIOR
Office of U. S. Surveyor General,
Phoenix, Arizona, May 23, 1907.

I hereby certify that the correct connecting line from Corner No. 1 of the Meyer Lode, to corner of Sections 1, 6, 7 and 12, Township 24 South, Ranges 16 and 17 East, is N. 86° 23' E. 6785.7 feet; and that the said connecting line is the correction as reported by Philip Contzen, the U. S. Deputy Mineral Surveyor who executed this survey, in his report dated April 19, 1907, and that said connecting line has been correctly platted upon the plats of this survey in green ink.


U. S. Surveyor General.

MINERAL SURVEY NO. 2214.

SUPPLEMENTAL REPORT OF IMPROVEMENTS MADE AFTER SURVEY
UPON THE MEYER CLAIM.

I hereby certify that not less than five hundred (\$500.00) dollars worth of labor has been expended, or improvements made upon the Meyer lode by Duquesne Mining & Reduction Company, or its grantors; and that said improvements were made prior to the expiration of the period of publication of application for patent, and consist of:

Discovery cut No. 1, 15 x 10 x 8 ft. average depth bears N. 85° 36' W. 260 ft. dist. from the east end center monument.

Value, ----- \$¹⁵⁰150.00

Tunnel No. ²2, 6 x 4 x 58 ft. long, course S. 12° E. bears S. 75° E. 120 ft. from Cor. No. 1.

Value, ----- \$500.00

Philip Couzgen
U.S. Deputy Mineral Surveyor.

Subscribed and sworn to before me this 26th day of June, 1906.

W. G. Power

Affidavit of Five Hundred Dollars Improvements.

We, Anderson and Halloway

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the

Meyer mining claim, situate in Patagonia mining district, Santa Cruz County, Arizona Territory, for which Duquesne Mining & Reduction Co.

have made application for survey prior to application for patent under the provisions of the Act of Congress approved May 10, 1872; and that the labor done and improvements made thereon by the applicant and its grantor exceed five hundred dollars in value, and further that we are not personally interested in said mine.

E. L. Anderson
Halloway

TERRITORY OF ARIZONA,
COUNTY OF Santa Cruz } ss:

Sworn to and subscribed before me this 5th day

[SEAL.]

of July, 1908

11786b400-2-04

Notary Public
My Commission Expires
Feb'y 11/1908

(4-691.)

Certificate of U. S. Surveyor General

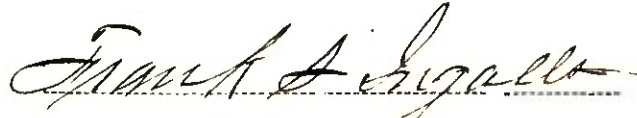
AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for District of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, upon the mining claim of
Luquesne Mining and Reduction Co.

known as the Meyer
situate in Patagonia mining district,
Santa Cruz County, Arizona
in Section 32220X, Township No. 34 S., Range No. 16 E.;
that said improvements consist of 1 cut and 1 tunnel at a total value
of \$650.00

, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Philip Contzen, U. S. Deputy Mineral Surveyor, dated
June 26, 1906, 18 , is hereto attached.



U. S. Surveyor General for Arizona.

Office of U. S. Surveyor General,

Phoenix, Arizona,

July 11, 1906.

16

Big Cave

Survey No. 2021

Cor. Secs. 1, 6, 7, 12, T. 24 S., R. 16 & 17 E.
9612.8 ft.

To U.S.M.M. No. 1
N. 76° 36' W. 3923'

S. 89° 25' W. 874.3

N. 85° 36' W. 608.9

Copper Belt
Survey No. 2021

S. 15° 25' W.

S. 22.6'

N. 15° 51' W.

572.5

231.1

350.4

S. 85° 36' E. 1465.1

1000.7

N. 15° 25' E.

31

600'

MEYER

Presumed Course of Vein

S. 85° 36' E. 1465.1

Disc. Cut
No. 1
260'

S. 68 1/2° W. 730

S. 66° W. 720

S. 65° W. 700

No. 5

No. 4

No. 3

No. 2

Rhino
Survey No. 2021



SURVEY No. 2214 GILA LAND DISTRICT

Surveyed Feb'y 22-1906

By Philip Gontzen
U.S. Dep. Min. Surveyor.