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APR 17 1906
U.S. GEOLOGICAL SURVEY

(4-683.)

Handwritten: 277/05

Mineral Survey No. 2216

Lot No.

ARIZONA. Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Duquesne Mining & Reduction Co.

KNOWN AS THE

New York, Smuggler and Yosemite Lodes

Patagonia Mining District.

Santa Cruz County, Arizona

Section 2 and 11, Township 24 S., Range 16 E.

Surveyed under instructions dated Feby. 14th., 1906.

by Philip Contzen,
U. S. Deputy Mineral Surveyor

Claim located See location notices, 1

Survey commenced Feby. 26th., 1906.

Survey completed Feby. 27th., 1906.

Address

Frank H. Hereford, Atty.,
Tucson, Arizona.

Handwritten: see claim and notes

Beginning at Cor.No.1. On the line 2-3 of the Dubley Standard Lode, Survey No.2036.

Set a line stone 24 x 10 x 10 ins. 18 ins. in the ground chiseled 1 - 4 - 2216 and raise a mound of stone alongside.

Whence & the S.W. corner of the location bears S.82°W. 175 ft. dist.the same being a mound of stone 2 ft. base and 1½ ft. high.

U.S.M.M.No.1,P.M.D.,bears S.56°-59'W.1798 ft. dist.

Cor.No.2 of the Dubley Standard Lode, Survey No.2036. bears S.16°-20'E. 566 ft. dist.

A cross (x) and 1-4-2216 B.R. chiseled on a lime boulder in place 6 x 6 x 1 ft. above the ground bears S.38°E. 6.8 ft. dist. and

An oak 14 ins. in diam. bears N.80°E. 40.3 ft. dist. blazed and scribed 1-4-2216 B T.

Thence N.32°E.

Var. 12½° E.

27. South end center monument. Identical with the location which is a mound of stone 2 ft. base and 1½ ft. high.

54.1 Cor.No.2. Identical with Cor.NO.5 of the Anle Lode, Survey 2055,which is a limestone 12 x 10 x 6 ins. above the ground with a mound of stone alongside.

I now chisel thereon 2 - 3-1-2216, whence

The S.E. corner of the location bears N.82°E.170 ft. dist. the same being a mound of stone 2 ft. base and 1½ ft. high.

An oak 14 ins. in diam.bears West 14.3 ft. dist. and

A juniper 10 ins. in diam. bears S.32°E.57.7 ft. dist. both blazed and scribed 2-3-2216 B T.

Thence N.0°-24'W.

Var. 12½°E.

40. Road, bears E. & W.

90 Gulch, course E.

160 Same road , bears N.E. & S.W.

600 Ridge, bears E. & W.

968 Gulch, course E.

1270 Ridge, bears E. & W.

1468.5 Cor.No.3. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.

Set a limestone 24 x 12 x 6 ins. 18 ins. in the ground, chiseled 3-4-2216 and raise a mound of stone alongside, from which

A juniper 6 ins. in diam.bears S.17°E.73.7 ft. dist. &

An oak 10 ins. in diam.bears S.44½°W. 65.8 ft. dist.

both blazed and scribed 3-4-2216 B T.

Thence S.62°W.

Var. 12½°E.

200 North end center monument. Identical with the location which is a mound of stone 3 ft. base and 2 ft. high.

353.8 Intersect line 2-3 of the PRIDE OF THE WEST LODE, Sur.No.1412 at a point from which

400 Cor.No.4. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.

Set a limestone 24 x 12 x 8 ins. 18 ins. in the ground chiseled 4 - 2216 and raise a mound of stone alongside, From which

An oak 8 ins. in diam. bears N.13°W. 76 ft. dist. and

An oak 18 ins. in diam. bears N.27½°E. 36 ft. dist. both blazed and scribe 4 - 2216 B T.

Thence S.9°-46'E.

Var. 12½° E.

345 Gulch, course S.E.

532.7 Cor.No.5. Identical with Cor.No.2 of the Dubley Standard Lode, Survey No. 2036 and with Cor.No.2 of the Pride of the West Lode, Survey No. 1412, which is a pine post 4 x 4 x 24 ins. above the ground. I now scribe 5-2216 on the E. face from which

An oak 24 ins. in diam. bears S. $50\frac{1}{2}^{\circ}$ W. 60 ft. dist. and
 An oak 5 ins. in diam. bears S. 10° E. 72.6 ft. dist. Both
 blazed and scribed 5 - 2216 B T

Thence S. 16° - 20° E.

Var. $12\frac{1}{2}^{\circ}$ E.

On the line 3 - 2 of the Dubley Standard Lode, Survey No. 2036

410 Ridge, bears E. & W.
 800 Road, bears N.E. & S.W.
 840 Gulch, course E.
 890 Same road, bears N.W. & S.E.
 933 Cor.No.1 The beginning.

S M U G G L 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 ft. high.
 Also identical with Cor.No.2 of the New York Lode of this survey, from which
 U.S.M.M.No.1, P.M.D., bears S. 38° - 10° W. 1336.4 ft. dist.

Thence S. 67° - 33° E.

Var. $12\frac{1}{2}^{\circ}$ E.

On the line 5 - 4 of the Annie Lode, Survey No. 2035

265 Road, bears N.W. & S.E.
 300 South end center monument. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.
 510.2 Cor.No.2. On the line 1 - 2 of the Texas Lode, Survey No. 1402. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.
 Chiseled a cross (x) and 3-2216 on a limestone ledge 6x6 ft. x 2 ins. above the ground, and raise a mound of stone alongside. Whence
 A juniper 6 ins. in diam. bears S. $44\frac{1}{2}^{\circ}$ E. 79 ft. dist. &
 An oak 8 ins. in diam. bears N. $25\frac{1}{2}^{\circ}$ E. 135 ft. dist. Both blazed and scribed 3-2216 B T.

Thence N. 2° - 54° E.

Var. $12\frac{1}{2}^{\circ}$ E.

450 Gulch, course N.E.
 620 Road, bears N.E. & S.W.
 880 Ridge, bears E. & W.
 1120 Road, bears N.W. & S.E.
 1275 Gulch, course E.
 1436 Cor.No.3. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high. Also identical with Cor.No. 2 of the Texas Lode, Survey No. 1402 and with Cor.No.1 of the Divide Lode, Survey 2217, which is a pine post 6 x 6 ins. x $1\frac{1}{2}$ ft. above the ground in a mound of stone, I now scribe S 3 - 2216 on the S.W. face, from which
 A cross (x) and 3-2216 B R chiseled on a lime boulder 4 x 3 ft. x 3 ins. above the ground bears N. 62° W. 10.7 ft. dist. and
 A cross (x) and 3-2216 B R chiseled on a lime boulder 3 x 3 ft. x 2 ins. above the ground bears S. 12° E. 5.1 ft. dist.

Thence N. 67° - 53° W.

Var. $12\frac{1}{2}^{\circ}$ E.

190 Shaft on line.
 300 North end center. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.
 560 Road, bears N.W. & S.E.
 600 Cor.No.4. Identical with the location, which is a mound of

stone 3 ft. base and 2 ft. high. Also identical with Cor.No.3 of the New York Lode of this Survey.

Thence S.0°-24'E.

1468.5

On the line 3 - 2 of the New York Lode of this survey. Cor.No.1, the beginning.

Y O S E M I T H L O D E

Beginning at Cor.No.1. On the line 2 -3 of the Dubley Standard Lode, Survey No.2036. Identical with the S. end center monument of the location.

Corner point falls on pine post 4 x 4 x 24 ins. above the ground in a mound of stone set for the Cor.No.2 of the Dubley Standard Lode and Cor.No.6 of the ANNIE LODE Survey 2035. *S.W. Cor. location lrs. 382°W. 48 ft. dist.*

I now scribe 1-2216 on the N. face thereof from which U.S.M.M.No.1, P.M.D., bears S.54°-17'W. 1528.4 ft. dist. ~~Ant~~ oak 14 ins. in diam. bears N.80°E.40.3 ft. dist. ~~XXXXXXXXXXXX~~ blazed and scribed 1-2216 B T.

A cross (x) and 1-2216 B R chiseled on a lime boulder 3 x 3 ft. x 3 ins. above the ground bears S.38°E.3.8 ft. dist.

Thence N.82°E.

Var. 13½°E.

0.1

Cor.No.2. On the line 5-6 of the Annie Lode, Survey No. 2035. Falls on same post as Cor.No.1. of this lode.

I now scribe 2-2216 on the N. face thereof.

The S.E. corner of the location bears N.82°E.46ft. dist.

Thence N.10°-52'W.

Var. 12½°E.

40

Gulch, course E.

50

Road, bears E. & W.

561.6

Cor.No.3. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.

Also Identical with Cor. No.2 of the New York Lode of this survey.

Thence S.82°W.

Var. 12½°E.

27.1

On the line 2-1 of the New York Lode of this survey

54.1

Cor. No.4. Identical with the location, which is a mound of stone 3 ft. base and 2 ft. high.

Also identical with Cor.No.1 of the New York Lode of this survey.

Thence S.16°-20'E.

Var. 12½°E.

512

On the line 3-2 of the Dubley Standard Lode, Survey No. 2036

516

Road, bears E. & W.

526

Gulch, course E.

566.9

Cor. No.1 the beginning, from which the S.W. corner of the location bears S.82°W.43 ft. dist.

A R E A .

Total area of the New York Lode 8,339 A.
Less area In conflict with Pride of the West
 Lode, Survey No. 1412 0,282 A.
 Net area New York Lode 7,957 Acres. ✓
 Area of Smuggler Lode 17,245 Acres. ✓
 Area of Yosemite Lode 0,543 Acres. ✓
 Total Area of Claim 25,550 Acres.

L O C A T I O N .

This claim is located approximately in Secs. 3 & 11,
 T. 24S., R. 16 E., C. & S. R., B. & Mer. Unsurveyed. in
Patagonia mining dist., Santa Cruz Co., Arizona.

A D J O I N I N G C L A I M S .

This claim is bounded on the North by the Pride of the West
 No. 2 and the Iron Cow Lodes, both unsurveyed.
 On the East by the Texas Lode, Survey No. 1408 and the
 Annie Lode, Survey 2035.
 On the South by the Annie Lode, Survey 2035 and
 On the West by the Dubloy Standard Lode, Survey No. 2036 &
 the Pride of the West Lode, Survey No. 1412, with which it
 conflicts.

C O U R S E O F V E I N S .

The course of the vein of the New York Lode is N. 79°-12'^{10'} W.
 1748.3 ft., running from the South end center monument
 to the North end center monument.

The course of the vein of the Smuggler Lode is N. 0°-24' W.
 1468.5 ft. running from the South end center monument to
 the North end center monument.

The course of the vein of the Yosemite Lode, is N. 13°-37' W.
 503.3 ft. running from the South end center monument
 to the North end center monument.

E X P E N D I T U R E O F F I V E
H U N D R E D D O L L A R S .

I certify that the value of the labor and improvements
 upon this claim, placed thereon by the claimants and their
 grantors ~~are as follows \$500.00 on each lode~~ and that
 said improvements consist of

~~ON THE~~ SMUGGLER LODE.

From the South end center monument

The discovery tunnel, No. 1., 6 x 5 x 35 ft. long, course
 N. 24° W. bears N. 0°-24' W. 460 ft. dist.
 Value \$350.00

From Cor. No. 1.

A tunnel, No. 2, 10 x 5 x 5 ft., course N. 30° W., with drift
 at right angles thereto 5 x 5 x 10 ft. and an open cut
 30 x 3 x 12 ft. average depth, course N. 30° W. bears N. 25° E.
 320 ft. dist.

Value \$400.00

And an open cut No. 3, 12 x 5 x 5 ft. average depth
 course N. 40° W. bears N. 17° E. 310 ft. dist.

Value \$100.00

And a tunnel No. 4, 6 x 5 x 18 ft. long, course N. 22° W.
 with an open cut 10 x 5 x 8 ft. average depth bears
 N. 17° E. 250 ft. dist.

Value \$250.00

From Cor. No. 2

A tunnel No. 5., 6 x 6 x 15 ft. long, course N., with an
 open cut 40 x 6 x 10 ft. average depth bears North 750 ft.
 dist.

Value \$450.00

And a shaft No.6, 10 x 10 x 25 ft. deep bears N.1°E.
775 ft. dist.

Value \$250.00

And a shaft No.7, 6 x 4 x 10 ft. deep, bears N.1°E.
800 ft. dist.

Value \$100.00

From Cor.No.3

A shaft No.8, 6 x 4 x 12 ft. deep bears S.9°W.600ft.
dist.

Value \$120.00

And a shaft No.9, 3 x 6 x 46 ft. deep bears S.12½°W.
580 ft. dist.

Value \$460.00

And a tunnel No.10, 6 x 4 x 20 ft. long, course W.
with an open cut 50 x 6 x 6 ft. average depth, course S.
containing a shaft 6 x 4 x 16 ft. deep, bears S.11½°W.
660 ft. dist.

Value \$750.00

And a shaft No.11 ~~xxxxx~~ 6 x 4 x 8 ft. deep, bears
N.67°-33'W. 190 ft. dist.

Value \$80.00

~~ON THE~~ NEW YORK LODE.

From the South end center monument
The discovery cut No.1., 6 x 6 x 10 ft. average depth
bears N.7°-10'W. 155 ft. dist.

Value \$100.00

From Cor.No.2

An open cut, No.2, 10 x 65 x 5 ft. average depth
course W. bears N.0°-24'W.40 ft. Now used as a road.

Value \$200.00

And an open cut No.3, 100 x 10 x 5 ft. average depth,
course S.60°W., bears N.0°-24'W.160 ft. dist.
Now used as a road

Value \$300.00

~~ON THE~~ YOSEMITE LODE.

From the North end center monument
The discovery tunnel, No.1, 6 x 5 x 10 ft., course
S.14°E., with open cut 20 x 5 x 4 ft. average depth
bears S.13°-37'E. 35 ft. dist.

Value \$200.00

~~This claim is credited with 50 ft. of a tunnel on
the Dubley Standard Lode, Survey No.2036 which is the
property of the claimants of this claim, and which is
being worked with a view of benefiting the Yosemite
Lode of this survey, and which bears N.27½°W.640 from
Cor.No.1 of the Yosemite Lode, said tunnel is 6 x 4 x
100 ft. long, course S.24°E.~~

~~Value of 50 ft. so accredited \$500.00.~~

I N S T R U M E N T.

This survey was made with a Young Light Mountain
transit with a solar attachment. The courses were de-
flected from the true meridian as determined by direct
solar observations. The distances were measured with
a hundred foot steel tape.

P O L A R I S O B S E R V A T I O N.

At Cor.No.3 of the Smuggler Lode on Feby. 26th. 1906,
at 3 h. 56 m., P.M., l.m.t., I observe Polaris at
Western elongation and mark this line by a bolt 18 ins.
long set 400 ft. north of my station.
~~At~~ At 7 A.M., l.m.t., Feb. 27th. I deflect the azimuth
1°-25' to the East. From the meridian thus established
I determine the courses of this survey, which agree
with the courses determined by the solar.

Note - The disagreement between these field notes and those of the Texas Lode, Survey No. 1402 is due to errors in the latter survey.

Philip Couzger
U. S. Deputy Mineral Surveyor

11

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Cortzen

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 New York, Smuggler and Yosemite Rocks

and showing the respective capacities in which they acted.

Frank K Blair, Chairman.

John H Taylor, Chairman.

John H Taylor, Axman.

Frank K Blair, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Frank K Blair and John H Taylor

and Philip Cortzen, do solemnly swear that we assisted

Philip Cortzen, 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 New York, Smuggler and Yosemite Rocks

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 K Blair, Chairman.

John H Taylor, Chairman.

John H Taylor, Axman.

Frank K 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 _____, 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 New York, Smuggler and Yosemite Roads, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Section 11 & 12 Approx. Township No. 24 S, Range No. 16 E and designated as Survey No. 2216, 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 _____
this 10th
day of April, 1906

H. G. Power

NOTICE OF MINING LOCATION
 of Lode Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the Yosemite 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 the Duquesne Mining and Reduction Company, a corporation duly organized, by its Agent H. S. Stewart, the undersigned, on the thirteenth day of September, 1905.

The length of this claim is five hundred and sixty-five (565) feet, and we claim twenty-five feet in a northerly direction and five hundred forty (540) feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with fifty (50) feet in width of the surface bounds on each side of the center of said claim. The general course of the lode deposit and premises is from the North to the South.

The claim is situated and located in the Patagonia Mining District, in Santa Cruz County, in the Territory of Arizona, immediately south of the New York Mine, and immediately west of the north end of the Annie lode claim, survey No. 2035, and immediately east of the Dubley Standard lode claim survey No. 2036.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a northerly direction twenty-five (25) feet from the discovery shaft, (at which this notice is posted), being in the center of the northerly end line of said claim; thence easterly fifty (50) feet to a monument of stone being the north east corner of said claim; thence southerly five hundred sixty five (565) feet to a monument of stone, being the south east corner of said claim; thence westerly

fifty (50) feet to a monument of stone, being at the south end center of said claim; thence westerly fifty (50) feet to a monument of stone being at the south west corner of said claim; thence northerly five hundred sixty-five (565) feet to a monument of stone being at the north west corner of said claim; thence easterly fifty (50) feet to a monument of stone at the north end center of said claim, being at the point of beginning.

The said mining claim embraces all of that unappropriated ground lying between the Dabney Standard, survey No. 2036, the Annie lode, survey No. 2035, and the New York claim, unsurveyed.

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 to Codify and Revise the Laws of the Territory of Arizona", approved March 16th, 1901.

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

DUQUESNE MINING AND REDUCTION CO.,

By H. S. Stewart, Agent.

Witnesses:

Chas. A. Bankerd,

Harry L. Vaughn.


Filed and recorded at the request of Duquesne M. & R. Co.
Oct. 24, A. D. 1905.

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 the location notice of the YOSEMITE mining claim, located by the Duquesne Mining and Reduction Co., and situated in the Patagonia Mining District, Santa Cruz County in the Territory of Arizona, as the same appears of record in my office in Book 5 of Mining Locations at page 643.

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


County Recorder.

NOTICE OF MINING LOCATION

Lode Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the NEW YORK 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 Frank H. Hereford, a citizen of the United States, the undersigned, on the 12th day of May, 1905.

The length of this claim is 1500 feet and I claim 1480 feet in a northerly direction, and 20 feet in a southerly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 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 from the Northerly to the Southerly.

This claim is situated and located in the Patagonia Mining District, in Santa Cruz County, in the Territory of Arizona, about one half 1/2 mile in a southerly direction from Washington Camp, and one-fourth 1/4 mile east from Baldy Mt. The north end center of this claim bears north 71° E. from Baldy Mt.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at the south end center of this claim which is also the north end line of Annie, at a point in a south 33° 30' E. direction 20 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence north 60° 0' 300 feet to an oak post in a stone monument, being the southeasterly corner of said claim; thence north 33° 30' West 1500 feet to an oak post in a monument, being at the north east corner of said claim; thence south 60° 0' W. 300 feet to a monument of stones at the center of the northerly end of said

claim; thence south 60° 0' W. 300 feet to an oak post in a monument being at the north west corner of said claim; thence south 33° 30' E. 1500 feet to an oak post in a monument at the south west corner of said claim; thence north 68° 0' E. 300 feet to the place of beginning.

The ground embraced within this location is located as abandoned ground and was formerly known as the New York claim.

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 to Revise and Codify the Laws of the Territory of Arizona, approved March 16, 1901.

Dated and posted on the ground this 12th day of May, 1905.

Frank H. Hereford.

Witness:

Chas. A. Bankerd.

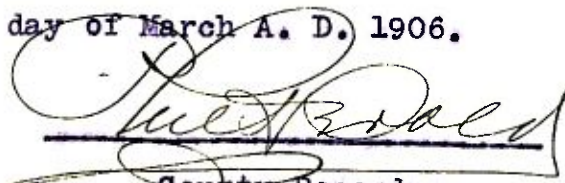
Filed and recorded at the request of Chas. A. Bankerd,
May 16, A. D. 1905 at 10:30 A. M.

Phil Herold, 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 NEW YORK mining claim, located by Frank H. Hereford, as the same appears of record in my office in Book 5 of Mining Locations at pages 420 - 421 and 422.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 8th day of March A. D. 1906.


County Recorder.

NOTICE OF MINING LOCATION.

Lode Claim

TO ALL WHOM IT MAY CONCERN:-

This mining claim, the name of which is the SMUGGLER 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 Frank H. Hereford, the undersigned, on the 12th day of May, A. D. 1905.

The length of this claim is fifteen hundred feet, and I claim six hundred and seventy-five feet in a northerly direction and eight hundred and twenty-five feet in a southerly 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 North West to the South East.

The claim is situated and located in the Patagonia Mining District, in the County of Santa Cruz, Territory of Arizona, about one half mile in a southerly direction from Washington Camp and the north center of said claim bears North $67^{\circ} 30'$ west from Balby Mountain.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a point, being the center of the north end of said claim, being an oak post set in ground in a monument of stone, and being in a N. $30^{\circ} 0' W.$ direction 675 feet from the discovery shaft (at which this notice is posted), thence N. $70^{\circ} 0' E.$ three hundred feet to an oak post in a monument of stones, being the north or No. 1 corner of said claim; thence South $30^{\circ} 0' E.$ fifteen hundred feet to an oak post in a monument of stones being at the East or No. 2 corner of said claim; thence

South 70° 0' west three hundred feet to a monument of stones at the center of the south end of said claim; thence south 70° 0' west 300 feet to an oak post in a monument of stones, being at the south or No. 3 corner of said claim; thence North 30° 0' west fifteen hundred feet to an oak post in a monument of stones, at the west or No. 4 corner of said claim; thence north 70° 0' E. three hundred 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 to Revise and Codify the Laws of the Territory of Arizona, approved March 16, 1901

Dated and posted on the ground this 12th day of May,
A. D. 1905.

Witness:

Frank H. Hereford.

Chas. A. Bankerd.

Filed and recorded at request of Chas. A. Bankerd, May 16th, 1905 at 10.30 A. M.

Phil Herold, County Recorder.

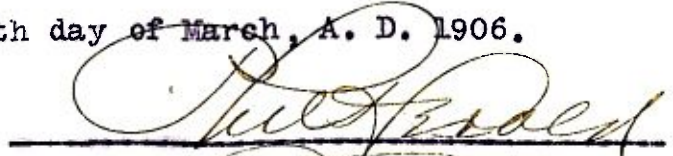
Territory of Arizona,)

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 SMUGGLER mining claim, located by Frank H. Hereford, as the same appears of record in my office in Book 5 of Mining Locations at pages 418 - 419 - 420.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 8th day of March, 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,

July 17, 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 New York, Smuggler, Yosemite situate in Patagonia

Mining District, Santa Cruz County, Arizona

in Section APPROX., Township No. 24 S., Range No. 16 E., and

designated as Survey No. 2216, 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 Smuggler lode 5 tunnels, 5 cuts, 5 shafts and 1 drift, value \$3310.00. New York lode 3 cuts, value \$600.00. Yosemite lode, 1 tunnel and 1 cut, value \$200.00

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 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,

July 17, 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.

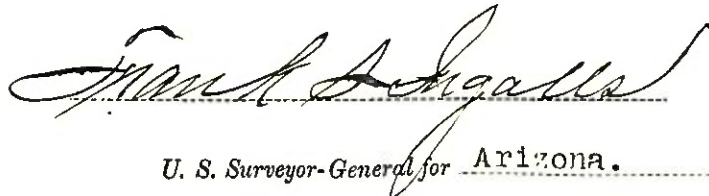
known as the
New York, Smuggler, Yosemite

situate in Patagonia Mining District,
Santa Cruz County, Arizona

in Section APPROX., Township No. 24 S., Range No. 16 E.,
designated as Survey No. 2216

executed by Philip Contzen, U. S. Deputy Mineral
Surveyor, Feby. 26-27, 1905, under my instructions dated

Feby. 14, 1906, 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.



U. S. Surveyor-General for Arizona.

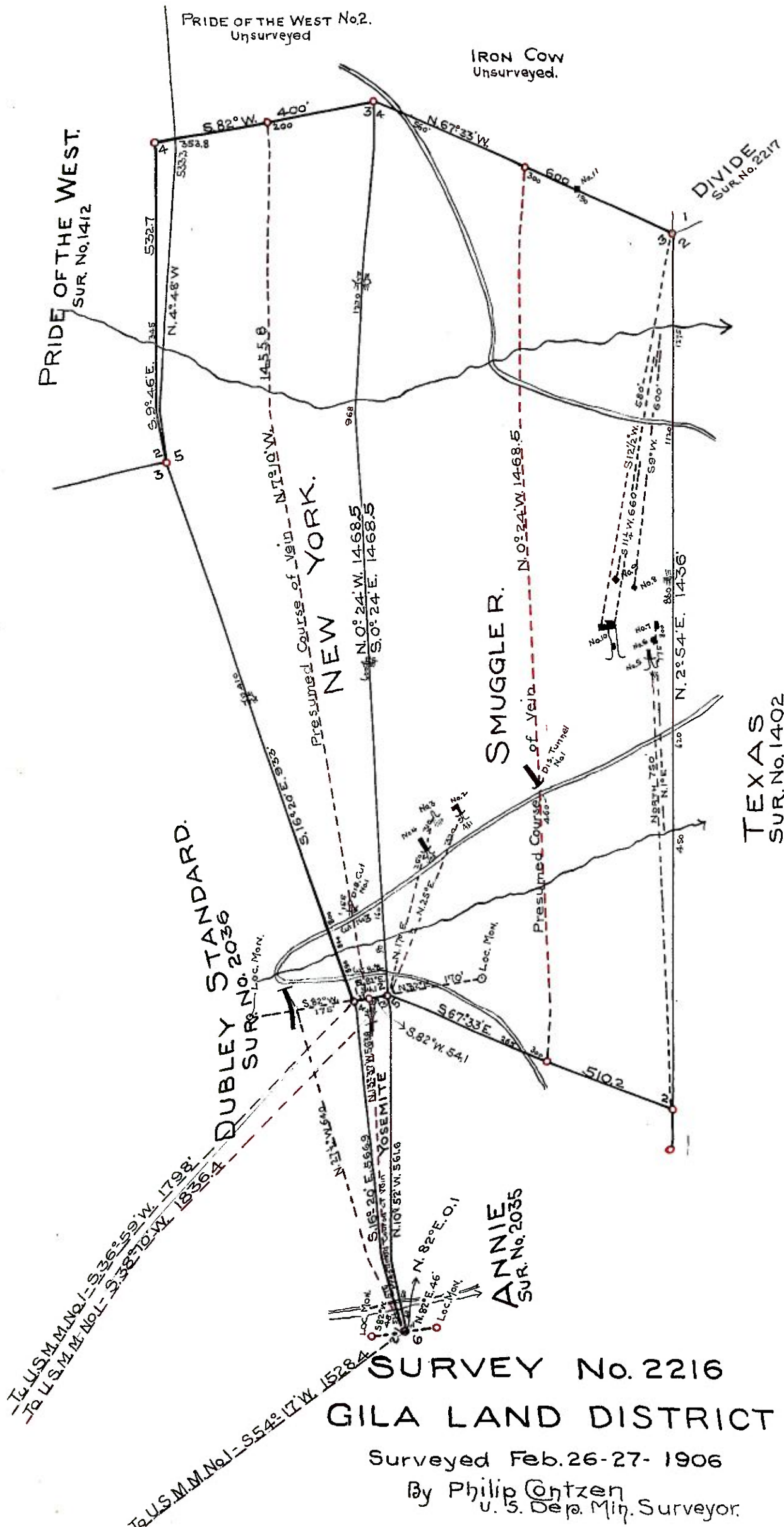
DEPARTMENT OF THE INTERIOR.

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 New York Lode, to corner of Sections 1, 6, 7 and 12, Township 24 South, Ranges 16 and 17 East, is S. $78^{\circ} 36' 7''$ E. 9698.1 feet; and that the correct connecting line from Corner No. 1 of the Smuggler Lode to said section corner is S. $78^{\circ} 29' 46''$ E. 9647.5 feet; and that the correct connecting line from Corner No. 1 of the Yosemite Lode to said section corner is S. $81^{\circ} 38' 49''$ E. 9447.7 feet; and that the said connecting lines are the corrections 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 lines have been correctly platted upon the plats of this survey in green ink.


U. S. Surveyor General.



SURVEY No. 2216
GILA LAND DISTRICT

Surveyed Feb. 26-27-1906

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

4-683.

MINERAL SURVEY No. 2216 Amended

LOT No. —

Arizona — Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Duquesne Mining & Reduction Co.

KNOWN AS THE

— Yosemite —

Catagonia Mining District,

Santa Cruz County, Arizona

Section 11, Township 24 N., Range 16 E. unsurveyed

Surveyed under instructions dated May 28, 1908

by Philip Conzen
U. S. Mineral Surveyor.

Claim located See location notice, 19

Survey commenced July 10th, 1908

Survey completed July 10th, 1908

6-822

Address —

Frank H. Herford
Attorney —
Tucson — Ariz.

Feet

YOSEMITE LODE
SURVEY NO. 2216 AMENDED.

Beginning at Cor. No. 1, on line 2-3 of the Dubley Standard Lode, Survey No. 2036, identical with the S. end center monument of the location, and Cor. No. 1 of the original Survey No. 2216 and Cor. No. 2 of the Dubley Standard Lode, Survey No. 2036 and Cor. No. 6 of the Annie Lode, Survey No. 2035, which is a pine post 4 ins. square, 24 ins. above the ground, surrounded by a mound of stone; same is scribed Y-1-2216 on the N.E. face; whence

U.S.M.M. No. 1 P.M.D., brs. S. 54° 17' W., 1528.4 ft. dist.

Cor. of Secs. 1-6-7-12, T. 24 S., Rs. 16 & 17 E., brs. S. 81° 38' 49" E., 9447.7 ft. dist.

An oak 14 ins. diam., brs. N. 80° E. 40.3 ft. dist., blazed and scribed 1-2216 B T

A cross (X) and 1-2216 B R chiseled on a limestone boulder 3 x 3 ft. 3 ins. above the ground, brs. S. 38° E. 6.8 ft. dist.

Original S.W. location cor., which is a mound of stone 2½ ft. base 2 ft. high, brs. S. 82° W., 48 ft.

Thence N. 82° 00' E.

Var. 12° 30' E.

0.1 Cor. No. 2 of the original survey No. 2216. This cor. is the same post as Cor. No. 1.

46.1 To cor. No. 2, identical with the S.E. Cor. of the location, which is a mound of stone 3 ft. base, 2½ ft. high.

Set a limestone 24 x 10 x 4 ins., 12 ins. in the ground, with a mound of stone alongside. I chisel same Y-2-2216 A M No bearings available.

Thence N. 15° 32' W.

Var. 12° 30' E.

47. Gulch, course E.

57. Road, bears E. and W.

565.81 To Cor. No. 3, identical with Cor. No. 3 of the original survey No. 2216, and the N.E. Cor. of the location, Cor. No. 2 of the New York Lode, Survey No. 2216, Cor. No. 1 of the Smuggler Lode, Survey No. 2216 and Cor. No. 5 of the Annie Lode, Survey No. 2035, which is a limestone 12 x 10 x 6 ins. above ground, with a mound of stone alongside, chiseled Y-3-2216, whence

Cor. No. 6 of the Annie Lode, Survey No. 2035 brs. S. 10° 52' E. 561.6 ft.

An oak 14 ins. diam. brs. W. 14.3 ft. dist.

A juniper 10 ins. diam., brs. S. 32° E. 57.7 ft. dist.

Both blazed and scribed 2-3-2216 B T

Thence S. 82° 00' W.

Var. 12° 30' E.

On the line of the New York Lode, Survey No. 2216.

27.1 To North End Center monument, identical with the location, which is a mound of stone, 2 ft. base and 2½ ft. high.

54.1 To Cor. No. 4, identical with Cor. No. 4 of the original Survey No. 2216, and the N.W. Cor. of the location and with Cor. No. 1 of the New York Lode, Survey No. 2216, which is a limestone 6 x 10 x 10 ins. above the ground, with mound of stone alongside, chiseled Y-4-2216, whence

A cross (X) and 1-4-2216 B R chiseled on a limestone boulder, 6x6x1 ft. above the ground, brs. S. 38° E. 6.8 ft. dist.

An oak 14 ins. diam., brs. N. 80° E. 40.3 ft. dist., blazed and scribed 1-4-2216 B T

Thence S. 16° 20' E. . .
Var. 12° 30' E. . .

516. Road, bears E. and W. .
526. Gulch, course E.
566.9 To cor.No.1, the place of beginning.

AREA

Total area Yosemite Lode, Survey
No. 2216, Amended, -----0.645 Acres
Less area in conflict with Annie
Lode, Survey No. 2035-----0.297 "
Total ~~and~~ net area of Yosemite
Lode, Survey No. 2216, amended, -----0.348 Acres.

LOCATION

This claim is located, approximately, in Sec.
11, T. 24 S., R. 16 E., G. & S. R. B. & Meridian, unsurveyed,
within the Huachuca Forest Reserve, Santa Cruz County,
Arizona, *Patagonia Mining District.*

ADJOINING CLAIMS

This claim is bounded on the north by the New
York Lode, Survey No. 2216, on the East by the Annie
Lode, Survey No. 2035 and on the West by the Dubley
Standard Lode, Survey No. 2036.

COURSE OF VEIN

The presumed course of the vein of the Yosemite
Lode, is N. 13° 37' W., 563.6 ft., running from the
South end center monument to the north end center
monument.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and im-
provements upon the claim, placed thereon by the
claimants and their grantors, is not less than
\$500.00, and that the improvements consist of:

From North End Center:

Discovery tunnel No. 1, 5 x 6 ft., 43 ft. long,
course S. 14° E, with an open cut 4 x 5 ft., 20 ft.
long, brs. S. 13° 37' E. 35 ft. dist.

Value, \$500.00

INSTRUMENT

This survey was made with a Young & Sons Light Mountain Transit, with a Smith's Solar Attachment. The courses were deflected from lines of Survey No. 2035 and Survey No. 2036, and same were checked by the Solar attachment and same agreed. The distances were measured with a hundred-foot steel tape.

Philip Conzger

U.S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Coutzen
 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
Duquesne Mining & Reduction Co.
 known as the Yosemite
 and showing the respective capacities in which they acted.

- Harry Mallory, Chairman.
- Walter Percival, Chairman.
- Harry Mallory, Axeman.
- Walter Percival, Flagman.

FINAL OATHS OF ASSISTANTS.

We, Harry Mallory
 and Walter Percival, do solemnly swear that we assisted Philip
Coutzen, United States Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of the Duquesne Mining
& Reduction Co.
 known as the Yosemite
 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

- Harry Mallory, Chairman.
- Walter Percival, Chairman.
- Harry Mallory, Axeman.
- Walter Percival, Flagman.

Subscribed and sworn to by the above-named persons before me this 15th

day of July, 1908

H. G. Power
 Notary Public, Pima County, Arizona Territory.
 My Commission Expires May 16th, 1912.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Philip Coutzen, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
May 28 - 1908, 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 Duquesne Mining and
Reduction Co., known as the
Yosemite
situate in Patagonia Mining District,
Santa Cruz County, Arizona, in Section
Approx. 11, Township No. 24 N, Range No. 16 E unsurveyed
and designated as Survey No. 2216 Amended, 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.

Philip Coutzen
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Philip Coutzen
U. S. Mineral Surveyor, before me a Notary Public
this 15th
day of July, 1908

W. G. Power
Notary Public, Pima County, Arizona Territory,
My Commission Expires May 16th, 1912.

Affidavit of Five Hundred Dollars Improvements.

We, Harry Mallory, and Walter Percival

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

are acquainted with the Gasemite mining claim,

situate in Catagonia Mining district, Santa Cruz County,

Arizona Territory, for which The Duquesne Mining &

Reduction Co.

has 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 improve-

ments made thereon by the applicant and their grantor exceed Five Hundred

Dollars in value, and further that we are not personally interested in said mine.

Harry Mallory

Walter Percival

TERRITORY OF ARIZONA,

County of Pima } ss:

Sworn to and subscribed before me, this 15th

day of July, 1908

H. G. Power

Notary Public, Pima County, Arizona Territory.
My Commission Expires May 16th, 1912.



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona.

January 16, 1909.

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 Yosemite situate in Patagonia

Mining District, Santa Cruz County, Arizona

in Section Approx 11, Township No. 24 S., Range No. 16 E., Unsurveyed.

designated as Survey No. 2216 Amended, 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 1 tunnel and cut, value \$500.00

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 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,

January 16, 1909.

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

Yosemite

situate in Patagonia mining district,

Santa Cruz County, Arizona

in Section Approx 11, Township No. 24 S., Range No. 14 E. Unsurveyed.

, designated as Survey No. 2216 Amended.

executed by Philip Contzen, U. S. Deputy Mineral

Surveyor, July 10, 1908., under my instructions dated

May 28, 1908., 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.

Frank Ingalls

U. S. Surveyor-General for Arizona

AUG 1 - 1911

Tucson, Arizona, July 28, 1911.

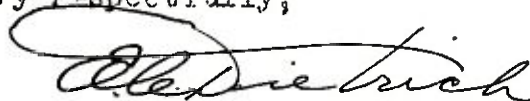
U.S. Surveyor General,
Phoenix, Arizona.

Sir:

I beg to enclose herewith supplemental report in reference to value of workings on lodes embraced in Survey No. 2216.

Please certify to same and forward report to the General Land Office in accordance with letter "Phoenix 04691 N J R.", May 20, 1911, received by the Register and Receiver of the U. S. Land Office, Phoenix, Arizona.

Very respectfully,



U. S. Mineral Surveyor.

encl.
ECD/WGP

AUG. 1 - 1911

*Report insufficient
surveyor advised, correct suggested*

SUPPLEMENTAL REPORT, SURVEY NO. 2216 EMBRACING
THE YOSEMITE, NEWYORK AND SMUGGLER
LODES.

Territory of Arizona,)
County of Pima.) ss.

Edgar C. Dietrich being first duly sworn according to law, deposes and says: that in accordance with instructions contained in letter "Phoenix 04691 N J R." from the Commissioner of the General Land Office to the Register and Receiver of the U. S. Land Office at Phoenix, Arizona, wherein a supplemental report as to improvements on the New York lode embraced in Survey No. 2216 is demanded, and acting under request of the Duquesne Mining and Reduction Company, I hereby certify that I have carefully examined all the improvements as to its extent and value and I find that the same upon, or for, the benefit of the New York lode, as well as the Yosemite and Smuggler lodes, which were made prior to the expiration of the period of publication of the application for patent, are identical in extent and value as reported in the official returns of Survey No. 2216. Further, the workings on the Smuggler lode were also done for the benefit of the New York lode, and by further crediting the work done on the Smuggler lode to the New York lode, the value of the improvements for the last named lode are far in excess of the amount required by law to be expended.

Edgar C. Dietrich
U. S. Mineral Surveyor.

Subscribed and sworn to before me this 28th day of July, 1911.

My commission expires May 16th, 1912.

W. G. Power
Notary Public.

2216-2-48

SURVEY N° 2216

— AMENDED —

ARIZONA LAND DISTRICT

HUACHUCA FOREST RESERVE

SANTA CRUZ CO. ARIZ

SURVEYED BY PHILIP CONTZEN
U.S. DEPT. OF THE INTERIOR

JULY 10TH 1908

SCALE 50' = 1"

DUBLEY STANDARD
SURVEY N° 8036

YOSEMITE

ANNIE SUR. N° 2035

MARY JANE
SUR. N° 2036

U.S.M.M. NO. 1588
COR. N° 1
554° 17' W

COR. N° 2 A.M.
COR. N° 2
581° 38' 44" E 2447.8'

