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MAR 14 1907

(4-683.)

Mineral Survey No. 2405

Lot No. \_\_\_\_\_

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Thomas P. Cowan

KNOWN AS THE

Sadie, Sadie No 2 Grenadier

Turquoise Mining District.

Cochise County, Ariz.

Section \_\_\_\_\_, Township 19 S, Range 25 E unassigned

Surveyed under instructions dated Apr 2, 1907

by John A. Rockwell  
U. S. Deputy Mineral Surveyor

Claim located Location see notices 1

Survey commenced April 19, 1907

Survey completed April 23, 1907

6-177

Attorneys for Claimant  
Pickett & Bowman  
Tombstone  
Arizona

*Traces  
logged  
area ✓ see report*

*Apr 11*

## Survey No. 2405.

## Sadie Lode.

Beginning at Cor. No 1, the N. W. Corner of location, a pine post 4 inches square,  $3\frac{1}{2}$  ft above ground in a mound of stone, scribed N. W. C. - S; add 1 - 2405, whence:

1) U.S.M.M., No 1, Turquoise district bears N  $50^{\circ} 44'W$ , 4312.3 ft.

2) A cross (X) and BR-1-2405 chiseled on a limestone rock 36 X 12 X 24 inches bears N  $21^{\circ} 57'W$ , 10.9 ft.

3) A cross (X) and BR-1-2405 chiseled on a limestone rock 30 X 24 X 24 inches bears N  $55^{\circ} E$ , 36.1 ft.

4) Cor. 2 Sadie No 2 lode of this survey bears N  $13^{\circ} 20'W$ , 254.9 ft.

Thence N  $76^{\circ} 40'E$ , Va.  $13^{\circ} E$ .

300. north center end, a pine post, 4 inches square, 3ft above ground in a mound of stone, scribed N C E - S, add 2405.

506. to corner No 2, a pine post 4 inches square,  $3\frac{1}{2}$  ft above ground in a mound of stone, scribed N E C - S, add 2 - 2405,

Whence:

1) A cross (X) and BR - 2 - 2405, chiseled on a limestone rock 30 X 20 X 10 inches bears N  $61^{\circ} 47'E$ , 60.8 ft.

2) A cross (X) and BR- 2-2405 chiseled on porphyry bed rock bears N  $60^{\circ} 08'W$ , 57.1 ft.

Thence S  $16^{\circ} 55'E$ , Va.  $13^{\circ} E$ ,

1502.9 to corner No. 3, a pine post 4 X 6 inches, 4 ft above ground in a mound of stone, scribed S. E. C - S, add 3 - 2405.

Whence:

1) A cross (X) and B R - 3 -2405 chiseled on porphyry bed rock bears S  $4^{\circ} 20'E$ , 19.85 ft.

2) a cross (X) and B R - 3-2405 chiseled on porphyry bed rock bears N  $52^{\circ} 30'W$ , 11.1 ft.

Thence S  $76^{\circ} 40'W$ , Va.  $13^{\circ} E$ .

300. South center end, a pine post 4 inches square,  $3\frac{1}{2}$  ft above ground in a mound of stone, scribed S C E - S, add 2405.

462.2 intersect side 2 - 5 of the Grenadier lode of this survey at S  $29^{\circ} 44'E$ , 501.1 ft from corner No 2, and at N  $29^{\circ} 44'W$ , 1002.3 ft from Cor. No. 3.

600.0 to corner No. 4, a 4 X 6" post  $3\frac{1}{2}$  ft above ground in a

mound of stone, scribed S. W. C.- S, add 4 - 2405 whence:

A cross (X) and B R - 4 - 2405 chiseled on a block of limestone 30 X 20 X 30 inches bears S 60° 45'W, 21.6 ft.

A cross (X) and B R - 4 - 2405 chiseled on a limestone rock 18 X 18 X 3 inches bears N 74° 50'W, 18.2 ft.

Thence N 13° 20' W, va 12° 50'E.

481.8 corners No 2 Grenadier and <sup>No</sup> 3 Sadie No2 lodes of this survey.  
1500.0 to Corner No.1 the place of beginning.

Containing 19.042 Acres.

.....

Sadie No. 2 Lode.

Beginning at corner No. 1, the N. W. Corner of location, marked by a cross (X) and N W C - S No 2 chiseled on limestone bed rock and witnessed by a monument of stone 4 ft high alongside, add to marking 1 - 2405.

U. S. M. M., No. 1, Turquoise district bears N 45° 49 $\frac{1}{2}$ 'W, 3759.2 ft.

A cross (X) and B R - 1 - 2405 chiseled on limestone bed rock bears N 33° 50'E, 8.3 ft.

A cross (X) and B R - 1 - 2405 chiseled on limestone bedrock bears S 68° 15'W, 10.8 ft.

Cor. No. 3, Tip Top lode, survey No. 1903, bears N 13° 20' W, 217.9 ft.

Thence N 76° 40'E, Va 12° 45'E.

300.0 North center end, a pine post 4 ins square, 3 ft above ground in mound of stone, scribed N C E - S2, add 2405.

600.0 to Cor. No. 3, a pine post 4 inches square 3 $\frac{1}{2}$  ft above ground in mound of stone, scribed N. E. C.-S2, add 2 - 2405.,

whence:

A cross (X) and BR - 2 - 2405 chiseled on a limestone rock 4 X 30 X 24 inches N 51° 33'W, 42.4 ft.

A cross (X) B R - 2 - 2405 chiseled on a limestone boulder 4 X 4 X 3 ft, bears N 3° 32'E, 89.6 ft.

Thence S 13° 20'E, Va. 13° E,

254.9 corner No. 1 Sadie lode of this survey.

1273.1 to corner No. 3, identical with the N.E. corner of the Grenadier lode of this survey, a pine post 4 inches square, 3 $\frac{1}{2}$  ft above ground in a mound of stone, scribed S.E.C-S2 and N.E.C.-G, add 3-2405, whence,

A cross (X) and BR- 3 - 2405 chiseled on limestone bed-  
rock bears S 24° 30'W, 13.35 ft.

A cross (X) and BR-3-2405 chiseled on limestone bed rock  
bears N 61° 55'W, 6.9 ft.

Thence, S 76° 40'W, Va 13° E.

300. South center end, identical with the north center end  
of the Grenadier lode of this survey, a pine post 4 inches  
square, 3 $\frac{1}{2}$  ft above ground in a mound of stone, scribed  
N. C. E.-G and S. C. E-S2, add 2405.

600. to corner No. 4, identical with corner Nos. 4, Tip Top  
lode and 2 Tip Top No.2 lode, Survey No. 1903, a pine  
post 4 inches square, 3 $\frac{1}{2}$  ft above ground in a mound of  
stone, scribed S.E.C-TT, NEC-TT2, 4-2-1903, NWC-G and  
SWC-S2, add 4-2405.

Thence N 13° 20'W, Va 12° 45'E,

along line 4-3 Tip Top lode, survey No. 1903,  
1273.1 to corner No. 1, the place of beginning.

Containing 17.536 Acres.

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Grenadier Lode.

Beginning at corner No. 1, the N.W. corner of location  
identical with Cor. Nos. 4 Tip Top lode and 2 Tip Top No2  
lode, Survey No. 1903 and corner No.4 Sadie No.2 lode  
of this survey. heretofore described, add to marking  
1-2405, whence:

U. S. M. M., No.1 Turquoise district bears N 37° 46'W,  
~~HERETO~~ 4881.8 ft.

Thence N 76° 40'E, Va 12° 45' E.

300.0 North center end, identical with the south center end of  
the Sadie No.2 lode of this survey and heretofore  
described.

600. to corner No. 2, identical with corner No. 3 of the Sadie  
No. 2 lode of this survey and heretofore described, add  
to marking 2 - 2405,

Thence S 29° 44'E, Va. 13° E,

501.1 intersect line 3-4 of Sadie lode this survey at S 76°  
40' W, 462.2 ft from corner No. 3, and N 76° 40'E, 137.8ft

from Corner No. 4.

1503.4 to corner No. 3, a pine post 4 inches square,  $3\frac{1}{2}$  ft above ~~885~~ ground in a mound of stone, scribed S E C - G, add 3 - 2405, whence:

A cross (X) and B R-3-2405 chiseled on a limestone rock 48 X 24 X 24 inches bears N  $38^{\circ} 30' E$ , 14.2 ft.

A cross (X) and BR-3-2405 chiseled on limestone bed rock bears N  $17^{\circ} 35' W$ , 14.2 ft.

Thence S  $76^{\circ} 40' W$ , Va  $12^{\circ} 50' E$ ,

312.0 south center end, a cross (X) and S C E chiseled on limestone bedrock with a monument of stone alongside, add 2405,

612.0 to corner No. 4, a pine post, 4 inches square, 4ft above ground in a mound of stone, scribed S W C - G, add 4-2405, whence:

Corner No. 3, Tip Top No 2 lode, survey No. 1903 bears S  $29^{\circ} 18' E$ , 19.9 ft.

Miller Peak in Huachuca Mts. bears S  $50^{\circ} 11' W$ .

No rocks for nearby bearings available.

Thence N  $29^{\circ} 18' W$ , Va.  $12^{\circ} 50' E$ ,

1500. to corner No. 1, the place ~~88~~ beginning,

Containing 20.063 Acres.

All corners of this survey are identical with the corners of location.

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Area

Sadie, total area-----	19.042 Acres
<i>Less</i> area in conflict with Grenadier-----	<i>Lode, this survey</i> 0.762 acres
Net area <i>Sadie Lode</i> -----	18.280 acres
Sadie No.2, total area-----	17.536
Grenadier " "-----	20.063
<i>Total</i>	55.879 Acres

Location,

This claim is located in the Turquoise mining district, Cochise County, Arizona, in the southwestern portion of Tp 19 S, R 25 E (unsurveyed)

The lodes extend presumably the entire length of the claims from center end to center end as follows:

5.

on the Sadie N 13° 20'W, 1463 ft and S 13° 20'E, 37 ft from discovery;

on the Sadie No. 2, N 13° 20'W, 301 ft and S 13°20'E, 972.1 ft from discovery;

on the Grenadier N 29° 18'W, 280 ft and S 29° 18'E, 1220 ft from discovery.

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 Adjoining claims are:

on the north the Queen of the Hill lode (unsurveyed), P.B. Warnekos claimant, and the Portland lode (unsurveyed), T. P. Cowen, M. Costello, and J. Gleeson claimants;

on the south Pearce lode (unsurveyed) claimant unknown;

on the west Tip Top and Tip Top No. 2 lodes, survey No. 1903.

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 Expenditure of \$500.

I certify that the value of the labor and improvements on this claim placed thereon by the claimant and his grantors is not less than fifteen hundred dollars, and that said improvements consist of:

On the Sadie, from the south center end:

No.1) Discovery cut, the mouth of which bears N 13° 20' W, 37 ft, cut 4 X 4 ft, 3 ft face, course southerly, value, \$20.00

No.2) a shaft which bears N 3° 30'W, 249 ft, shaft 4 X 6 ft 12 ft deep, value at \$10. per foot, \$120.00

No.3) A shaft which bears from corner No.1 S 56° E, 250 ft, shaft 4 X 6 ft, 4 ft deep formerly much deeper,

value at \$10.00 per foot \$40.00

NOTE: Work to the amount of \$380.00 is credited to this lode from the Grenadier lode, Nos 1 & 2.

On the Sadie No.2, from north center end:

No.1)Discovery cut, the mouth of which bears S 13° 30'E, 301 ft, cut 4 X 5 ft, 3 ft face, course westerly, value --- \$25.00

No.2) A cut and tunnel, the mouth of which bears S 5° 10'E, 403 ft, cut 4 X 15 ft, 10 ft face, value \$100.00

from face of cot a tunnel 4 X 5½ ft, 30 ft long,

value at \$10.00 per foot \$300.00

course of cut and tunnel westerly.

- No.3) A cut and tunnel, the mouth of which bears South, 558 ft, Cut  $4\frac{1}{2}$  X 18 ft, 10 ft face, value at \$10. per foot \$100.00  
from face of cut a tunnel, 4 X  $5\frac{1}{2}$  ft, 45 ft long, value at \$10.00 per foot, \$450.00
- No.4) A shaft or open stope which bears S  $4^{\circ} 50'W$ , 596 ft, shaft 10 X 4 ft, 4-ft deep, value.....\$50.00
- No.5) A shaft which bears S  $15^{\circ} 55'W$ , 565 ft, shaft 8 X 6 ft, 22 ft deep, leading to shaft in open cut 8 X 8 ft, 4 ft face, from bottom of shaft a drift leads southerly, 4 X 6 ft 21 ft long, value of shaft at \$15. per foot \$330.00  
value of cut..... \$40.00  
value of drift..at \$10. per ft 210.00
- No.6) A shaft which bears S  $13^{\circ} 10'W$ , 548 ft, shaft 4 X 6 ft, 3 ft deep, value \$15.00

On the Grenadier,

From the north center end:

- No.1) Discovery shaft which bears S  $28^{\circ} E$ , 280 ft., shaft 4 X 6ft, 10 ft deep, from the bottom two drifts lead, one southeasterly 4 X 6 ft, 7 ft long; one easterly 4 X 6 ft, 8 ft long, with winze at end 4 X 6 ft, 5 ft deep.  
value 30 feet of work at \$10. per foot, \$300.  
NOTE: a branch lead showing ore extends from the point of discovery northeasterly toward the Sadie lode, therefore I assign the 8 ft drift with winze of 5ft, value \$130. to the credit of the Sadie lode, as it tends to develop the Sadie lode.
- No.2) A shaft which bears S  $38^{\circ} 25'E$ , <sup>6</sup>285 ft., shaft 4X6 ft, 25 ft deep, value at \$10. per foot \$250.00  
NOTE: As this shaft is on the branch lead mentioned under No 1 on this lode, and therefore tends to develop the Sadie lode, I assign its value to the credit of the Sadie lode.
- No.3) A shaft which bears S  $23^{\circ} 05'W$ , 138.5 ft, shaft 4 X 6, 10 ft deep, value at \$10.00 per foot, \$100.00
- No.4) An open cut, the mouth of which bears S  $22^{\circ} 05'E$ , 352 ft,



cut 4 X 20 ft, 8 ft face, **course** northerly, value \$80.

- No. 5) A cut and tunnel, the mouth of which bears S 45° 10'E, 506 ft, cut 4 X 12 ft, 10 ft face; tunnel 4 X 5ft, 15 ft long, course of cut and tunnel southerly, value cut and tunnel at \$10. per foot \$250.00

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Other Improvements.

On the Sadie:

A shaft which bears from the south center end N 13° W, 100 ft, shaft 4 X 6 ft, 10 ft deep.

On the Grenadier:

- 1) Old workings connected with the discovery shaft, a drift leading westerly 10 ft connecting with an old, nearly filled shaft now 4 X 4ft, 5 ft deep, also some recent work about the collar of the discovery shaft not claimed by claimant of discovery, claimant unknown.
- 2) A cut, the mouth of which bears from north center end S 54° 05'E, 483 ft, cut 3 X 18 ft, 10 ft face, course southerly.
- 3) A cut the mouth of which bears from north center end S 54°30'E, 485 ft, cut 3 X 18 ft, 10 ft face, **source** southerly.

From corner No. 4:

- 4) A shaft which bears N 67° 10'W, 205 ft, shaft 4 X 6 ft, 20 ft deep.
- 5) A shaft which bears N 64° W, 220 ft, shaft 4 X 6ft, 10 ft deep.
- 6) A cut and tunnel the mouth of which bears N 59° 50'W, 248 ft, cut 4 X 12, 11 ft face, thence tunnel 20 ft course of cut and tunnel northerly,

Claimants for all this work unknown.

Instrument.

This survey was made with a Young & Sons Mountain Transit, No. 6855, provided with a Smith solar attachment. The courses were deflected from the true meridian as determined by direct solar observations. The distances

were measured with 100 ft. and 50 ft. steel tapes.

Tombstone, Ariz.

May 11, 1907.

*John A. Rockfellow*

U. S. Deputy Mineral Surveyor.

I certify that the following labor and improvements have been done on the Sadie lode Sur. No. 2405 by the claimant since the date of the Survey.

1) Discovery cut widened and sunk as a shaft to a depth of eight feet. Shaft 4x5 ft. in exceedingly hard rock, present value at ten dollars per foot -----\$80.00

2) Shaft No. 2 no work done since date of the Survey  
Value -----\$120.00

3) Shaft No. 3 sunk to a depth of eight feet present value at ten dollars per foot -----\$80.00

4) A shaft which bears from N.C.E., S 13°20' W 113 feet  
Shaft 6x4 ft. 14 ft. deep  
Value at ten dollars per foot -----\$140.00

5) A Shaft which bears from S.C.E. N 29°55' W 190 ft.  
Shaft 6x4 ft. 11 ft. deep  
Value at ten dollars per foot -----\$110.00

Total value of work preformed at the present time by the claimant on Sadie lode -----\$530.00

*Tombstone Ariz  
Dec 27<sup>th</sup> 1907*

*John A. Rockwell  
U.S. Dep. Min. Surveyor*

*Subscribed and sworn to before  
me this 27<sup>th</sup> day of December, 1907*

*Dank C. Willard  
Notary Public*

*My com expires Mar 2, 1910.*

DEPARTMENT OF THE INTERIOR,  
Office of U. S. Surveyor General,

Phoenix, Arizona, December 30, 1907.

I, FRANK S. INGALLS, U. S. Surveyor-General for the District of Arizona, hereby certify that not less than five hundred dollars' worth of labor has been expended or improvements made upon the Sadie lode, included in Mineral Survey No. 2405, and that said labor was performed prior to the expiration of the period of publication of notice of application for patent, and that no portion of said improvements credited to the Sadie lode has been included in the estimate of expenditures on any other claim.

Frank S. Ingalls.  
U. S. Surveyor General.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by John A. Rockfellow  
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 \_\_\_\_\_

known as the Thos G. Cowan  
Sadie, Sadie No 2 & Grenadier  
and showing the respective capacities in which they acted.

Thomas King, Chairman.

E. L. Robinson, Chairman.

\_\_\_\_\_, Assn.

\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We Thomas King  
and E. L. Robinson, do solemnly swear that we assisted John A. Rockfellow, United States Deputy Mineral Surveyor, in marking the corners and surveying  
the boundaries of the mining claim of Thomas G. Cowan

known as the Sadie, Sadie No 2 & Grenadier

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

Thomas King, Chairman.

E. L. Robinson, Chairman.

\_\_\_\_\_, Assn.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 23

day of April 1907

John A. Rockfellow  
Notary Public

4-686.

## FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, John A. Rockefeller, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated April 2, 1907, 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 Thos. P. Brown

, known as the

Sadie, Sadu No 2 & Guardian, situate in Turquoise Mining District,

Cochise County, Ariz, in Section

      , Township No. 19S Range No. 20E unsurveyed

and designated as Survey No. 2405, 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 his 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.

John A. Rockefeller  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said John A. Rockefeller

U. S. Deputy Mineral Surveyor, before me Frank C. Willard

a Notary Public this 11<sup>th</sup>

day of May, 1907

Frank C. Willard  
Notary Public

o 3-154

My com. expires Mar. 2, 1910

Affidavit of Five Hundred Dollars Improvements.

We, Thomas King and John Gleason

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

Sackie, Sackie No 2 & Grenader mining claim, situate in Turquoise

mining district, Cochise County, Arizona Territory, for which

Thomas P. Coven

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 improvements made thereon by the applicant and

his grantor exceed fifteen hundred dollars in value, and further that we are not personally interested

in said mine.

Thomas King  
John Gleason

TERRITORY OF ARIZONA,

COUNTY OF Cochise } ss:

Sworn to and subscribed before me this 23<sup>d</sup> day

[SEAL.]

of April, 1907

John A. Rockham  
Notary

Public  
My Commission  
expire Mar 14 1910

## NOTICE OF MINING LOCATION

## QUARTZ CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Sadie 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 Thomas P. Cowan the undersigned, on the 23rd day of April 1900.

The length of this claim is 1500 feet, and I claim 750 feet in a northerly direction and 750 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.

The claim is situated and located in the Turquoise Mining District in Cochise County, in the Territory of Arizona, about 17 miles in an easterly direction from Tombstone and adjoins the Grenadier Mining Claim on the east side.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a southerly direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the south end line of said claim; thence 300 feet to a monument of stones, being the south west corner of said claim; thence 750 feet to a monument of stones at the center of the west side line of said claim; thence 750 feet to a monument of stones, being at the north west corner of said claim; thence 300 feet to a monument of stones at the center of the North end of said claim; thence 300 feet to a monument of stones being at the North East corner of said claim; thence 750 feet to a monument of stones being at the center of the east side line of said claim; thence 750 feet to a monument of stones at the south east corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six (6) 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 23rd day of April 1900.

T. P. Cowan

filed and recorded at request of Thomas P. Cowan, June 15th, 1900 at 10 A.M. in book 18 Record of Mines at page 89.

Territory of Arizona )  
 ) ss  
 County of Cochise )

I, J. A. McDonald, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original Location Notice of the Sadie Mining Claim, filed and recorded in my office on the 15th day of June, 1900 in Book 18 Record of Mines at page 89, and that the same is a full, true and correct copy of such original, and of the whole thereof.

Witness my hand and seal of office, this 30th day of March 1907

*J. A. McDonald*  
 County Recorder.



## NOTICE OF MINING LOCATION

## QUARTZ CLAIM

TO ALL WHOM IT MAY CONCERN :

This Mining claim the name of which is the GRENADIER 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 Thomas P. Cowan the undersigned, on the 23d day of April 1900.

The length of this claim is 1500 feet and I claim 1400 feet in a northerly direction and 100 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, and located

The claim is situated in the Turquoise Mining District in Cochise County, in the Territory of Arizona, about 17 miles in an easterly direction from Tombstone, and near the Tip Top and Tiptop No 2 Mining Claims.

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stones at a point in a southerly direction 100 feet from the discovery shaft ( at which this notice is posted), being in the center of the south end line of said claim; thence 300 feet to a monument of stones being the south west corner of said claim; thence 750 feet to a monument of stones at the center of the West side line of said claim; thence 750 feet to a monument of stones, being at the North West corner of said claim; thence 300 feet to a monument of stones at the center of the North end of said claim; thence 300 feet to a monument of stones being at the North east corner of said claim; thence 750 feet to a monument of stones being at the center of the east side line of said claim; thence 750 feet to a monument of stones, at the southeast corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six (6) of Title XXII, 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 23rd day of April 1900.

T. P. Cowan

filed and recorded at request of Thomas P. Cowan, June 15, 1900 at 10 A.M. in book 18, record of Mines at page 88.

Territory of Arizona )  
 ) ss  
 County of Cochise )

I, J. A. McDonald, County Recorder in and for said County, here by certify that I have compared the foregoing copy with the original Location Notice of the Grenadier Mining Claim, filed and recorded in my office on the 15th day of June 1900 in Book 18 records of Mines at page 88, and that the same is a full, true and correct copy of such original and of the whole thereof.

Witness my hand and seal of office this 30th day of March 1907.

*J. A. McDonald*  
 County Recorder.

## NOTICE OF MINING LOCATION

## QUARTZ CLAIM

TO ALL WHOM IT MAY CONCERN:

This Mining Claim the name of which is the Sadie No 2, 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 T.P. Cowan, the undersigned on the 23 day of April, 1900.

The length of this claim is 1500 feet, and I claim 750 feet in a southerly direction and 750 feet in a northerly direction from the center of the discovery shaft, at which this notice is posted, length wise 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 southerly to the northerly.

The claim is situated and located in the Turquoise Mining District in Cochise County, in the Territory of Arizona, about 17 miles in an Easterly Direction from Tomsbtone and joins the east side line of the Tip Top Mining Claim.

The surface boundaries of the claim are marked upon the ground as follows: beginning at a monument of stones, at a point in a southerly direction 600 feet from the discovery shaft (at which this notice is posted) being in the center of the southerly end line of said claim thence 300 feet to a monument of stones, being the south east corner of said claim; thence 750 feet to a monument of stones at the center of the east side line of said claim; thence 750 feet to a monument of stones being the north east corner of said claim; thence 300 feet to a monument of stones at the center of the Northerly end of said claim; thence 300 feet to a monument of stones being at the north west corner of said claim; thence 750 feet to a monument of stones being at the center of the west side line of said claim; thence 750 feet to a monument of stones at the south west corner of said claim; thence 300 feet to the place of beginning.

All done under the provisions of Chapter Six (6) 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 23 day of April 1900.

T.P. Cowan

Filed and recorded at request of T.P. Cowan, July 26, 1900, at 2:20 P.M. in Book 18 Record of Mines at page 170.

Territory of Arizona )  
                                  ) ss  
County of Cochise     )

I, L.A. McDonald, County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the Original Location Notice of the Sadie No 2 Mining Claim, filed and recorded in my office on the 26th day of July 1900 in Book 18, Record of Mines at page 170, and that the same is a full, true and correct copy of such original, and of the whole thereof.

Witness my hand and seal of office, this 30th day of March, 1907.

*L.A. McDonald*  
County Recorder.

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

DEPARTMENT OF THE INTERIOR,

Office of U. S. Surveyor General,

Phoenix, Arizona, July 11, 1907.

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 Thomas P. Cowen, known as the Sadie, Sadie No. 2 and Grenadier situate in Turquoise Mining District, Cochise County, Arizona, in Township No. 19 S., Range No. 25 E., Unsur., and designated as Survey No. 2405, 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 each of the Sadie No. 2 and Grenadier lodes of this survey, and that only \$180 worth of labor has been expended or improvements made upon the Sadie lode of this survey, the work in improvements Nos. 1 and 2 on the Grenadier lode, valued at \$380, credited to the Sadie lode, not being allowed. If the necessary improvements are reported upon or for the benefit of the Sadie lode, before the expiration of the period of publication of notice of application for patent, a further certificate will be issued, certifying to the necessary improvements upon the said claim. No portion of the labor or improvements accounted for herein has been included in the estimate of expenditure 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 11, 1907

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

Thomas P. Cowen

, known as the

Sadie, Sadie No. 2, and Grenadier

situate in Turquoise Mining District,

Cochise County, Arizona

in Section , Township No. 19 S., Range No. 25 E. Unsur.

, designated as Survey No. 3405

executed by John A. Rockfellow, U. S. Deputy Mineral

Surveyor, April 19 - 23, 1907, under my instructions dated

April 2, 1907, 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 of Frank DeGalle

U. S. Surveyor-General for Arizona