

Platted

Copied June 24, 1914

A L H

APR 3-1914

(4-683.)

Mineral Survey No. 3109.

Lot No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

R. P O'Connor

KNOWN AS THE

Rocky Road ~~ledge and the Cross Ledge ledge~~

Patagonia Mining District,

Santa Cruz County, Arizona. Approx.

Section 3, 4 & 9, Township 24 S., Range 16 E. Unsur.

Surveyed under instructions dated Feb. 9, 1914, 1

by Edgar C. Dietrich,

U. S. Deputy Mineral Surveyor

Claim located see location lotices, 1

Survey commenced Feb. 16, 1914, 1

Survey completed Feb. 20, 1914., 1

Address of Claimant:-

R. P. O'Connor,

Fort Huachuca, Arizona.

## SURVEY No. 3109.

ROCKY ROAD ~~EDGE~~.

Beginning at Cor. No. 1, identical with the location, which is an oak stake in a mound of stone, I set an iron pipe, 1 inch in diameter, 4 feet, long, driven 2 feet in the ground, and fitted with a brass cap, the top of which is marked, U. S. Mineral Survey No. 3109. I mark same 1-Rocky Road on its north-westerly face, and surround the pipe with a mound of stone.

An oak, 10" in diameter bears N.  $29\frac{1}{2}^{\circ}$ W., 33.9 ft. distant, marked 1-R.R.-3109-B.T.

An oak, 6" in diameter bears N.  $84\frac{1}{2}^{\circ}$ W., 17.7 ft. distant, marked 1-R.R.-3109-B.T.

U. S. Min. Mon. No. 1, bears S.  $85^{\circ}$ -03'E., 4264.7 ft. dist.

Thence N.  $10^{\circ}$ -47'W.

Var.  $12^{\circ}$ -50'E.

Along west slope of high hill.

302 Easterly end center monument identical with the location, which is an oak stake in a mound of stone.

604 To Cor. No. 2, identical with the location, which is an oak stake in a mound of stone, I set an iron pipe 1 inch in diameter, 4 feet long, driven 2 feet in the ground, and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 2-Rocky Road on its south-easterly face, and surround the pipe with a mound of stone.

An oak, 6" in diameter bears N.  $55\frac{1}{2}^{\circ}$ W., 25.5 ft. distant, marked 2-R.R.-3109-B.T.

An oak 8" in diameter bears S.  $35\frac{1}{2}^{\circ}$ W., 22.1 ft. distant, marked 2-R.R.-3109-B.T.

Thence S.  $66^{\circ}$ -29'W.

Var.  $12^{\circ}$ -50'E.

Over descending ground.

1120 Gulch, 10 ft. wide, course south-westerly, begin ascent.

1238 To Cor. No. 3, identical with the location, which is an oak stake in a mound of stone. I set an iron pipe, 1 inch in diameter, 4 feet long, driven 2 feet in the ground and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 3-Rocky Road on its south-easterly face, and surround the pipe with a mound of stone.

An oak, 14" in diameter, bears S. 7 1/4° E., 34.0 ft. distant, marked 3-R.R.-3109-B.T.

An oak, 8" in diameter, bears N. 46 1/2° E., 35.0 ft. distant, marked 3-R.R.-3109-B.T.

Thence S. 10°-47'E.

Var. 12°-50'E.

Over descending ground.

80 Guleh, 10 ft. wide, course south-westerly, and ascend.

280 Top of spur, course westerly, begin descent.

302 Westerly end center monument, which is an oak stake in a mound of stone.

510 Wash, 3 feet wide, course south-westerly, begin ascent.

604 To Cor No. 4, old location monument, which is an oak stake in a mound of stone, bears S. 66°-29'W., 17.2 ft. distant.

I set an iron pipe, 1-inch in diameter, 4 feet long, driven 2 feet in the ground, and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 4-Rocky Road on its north-easterly face, and surround the pipe with a mound of stone.

An oak, 8" in diameter, bears S. 43 1/4° E., 36.5 ft. distant, marked 4-R.R.-3109-B.T.

An oak, 3" in diameter, bears S. 16° E., 20.9 ft. distant, marked 4-R.R.-3109-B.T.

Thence N. 66°-29'E.

Var. 12°-50'E.

Over ascending ground.

300 Top of ascent, begin descent.

920 Wash, 3 feet wide, course southerly, begin ascent.

1238 To Cor. No. 1, the place of beginning.

CROSS LEDGE ~~LODE~~.

Beginning at Cor. No. 1, identical with the location which is an oak stake in a mound of stone, I set an iron pipe 1" in diameter, 4 feet long, driven 2 feet in the ground and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 1-Cross Ledge on its north-westerly face, and surround the pipe with a mound of stone.

No bearing trees nor bearing rocks available.

U. S. Min. Mon. No. 1, bears N.85°-07'E., 3877.4 ft. dist.  
Cor. No. 3, Golden Granite Lode, Survey No. 2406, bears N.72°-32'E., 405.2 ft. distant.

Thence N.46°-15'W.

Var. 12°-50'E.

Along west slope of high hill.

170 Wash, 3 feet wide, course south-westerly.

861.2 Intersect Line 4-1 of the Rocky Road Lode of this survey.

Cor. No. 1 of the Rocky Road Lode bears N.66°29'E., 258.0 feet distant.

Cor. No. 4 of the Rocky Road Lode bears S.66°29'W., 980.0 feet distant.

925 Wash, 3 feet wide, course south-westerly and ascend.

1200 Top of spur, course southerly, begin descent.

1500 To Cor. No. 2, identical with the location, which is an oak stake in a mound of stone. This point is on line 2-3 of the Rocky Road Lode of this survey and is S.66°-29'W., 638.0 feet from Cor. No. 2, and N.66°-29'E., 600.0 feet from Cor. No. 3 of the Rocky Road Lode. I set an iron pipe 1" in diameter, 4 feet long, driven 2 feet in the ground, and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 2-Cross Ledge on its south-westerly face, and surround the pipe with a mound of stone.

An oak 4" in diameter, bears S.26½°W., 7.3 feet distant.

An oak 16" in diameter, bears S.65°E., 9.4 feet distant.

Both marked 2-C.L-3109-B.T.

Thence S.66°-29'W.

Var. 12°-50'E.

Descending along north slope of spur, and on line 2-3 of the Rocky Road Lode of this survey.

300 Northerly end center monument, identical with the location which is an oak stake in a mound of stone.

600 To Cor. No. 3, identical with the location, and with Cor. No. 3, of the Rocky Road Lode of this survey, as previously set and described by me. I mark same 3-Cross Ledge on its south-easterly face. The bearing trees previously marked for Cor. No. 3, of the Rocky Road Lode, I mark 3-C.L.-3109-B.T.

Thence S. 46°-15'E.

Var. 12°-50'E.

Over descending ground.

60 Gulch, 10 feet wide, course south-westerly, begin ascent.

330 Top of spur, course south-westerly, begin descent

385 Wash, 3 feet wide, course south-westerly, begin ascent.

560 Top of spur, course southerly, begin descent.  
638.8 Intersect line 4-1 Rocky Road lode of this survey, N. 66° 29' E. 380 ft. from Cor. No. 4.

1100 Wash, 3 feet wide, course south-westerly, begin ascent .

1500 To Cor. No. 4, identical with the location, which is an oak stake in a mound of stone. I set an iron pipe 1" in diameter, 4 feet long, driven 2 feet in the ground, and fitted with a brass cap, the top of which is marked U. S. Mineral Survey No. 3109. I mark same 4-Cross Ledge on its north-easterly face, and surround the pipe with a mound of stone.

No bearing trees nor bearing rocks available.

Thence N. 66°-29'E.

Var. 12°-50'E.

Over ascending ground.

220 Top of spur, course south-westerly and descend.

300 Southerly end center monument, identical with the location which is an oak stake in a mound of stone.

380 Wash, 3 feet wide, course south-westerly, begin ascent.

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

## AREAS.

The area of the Rocky Road lode, Survey 3109, is 16.744 Ac.

The area of the Cross Ledge lode, Survey 3109, is 19.056 Ac.  
Conflict Cross Ledge lode with Rocky Road lode, is 8.115 Ac.

## PRESUMED COURSE OF VEIN.

The presumed course of vein of the Rocky Road lode is from the westerly end center monument, N. 66°-29'E., 60 feet to the discovery; thence, from the discovery, N. 56°-29'E., 1178 feet, to the easterly end center monument.

The presumed course of vein of the Cross Ledge lode is from the northerly end center monument, S. 46°-15'E., 715 feet to the discovery; thence from the discovery, S. 46°-15'E., 785 feet to the southerly end center monument.

## ADJOINING CLAIMS.

The Rocky Road lode is bounded on the <sup>east</sup> north by the Osca-loosa lode, unsur., J. R. Haynes, claimant; on the <sup>south</sup> east by the Cross Ledge lode of this survey and by vacant ground; on the <sup>west</sup> south by the Brooks lode, unsur., Casey, Coghlan and Evarts, claimants; and on the <sup>north</sup> west by the Tent lode, unsur., Casey, Coghlan and Evarts, claimants.

The Cross Ledge lode is bounded on the <sup>east</sup> north by vacant ground; on the <sup>south</sup> east by vacant ground; on the <sup>west</sup> south by the Rocky Road lode of this survey and by vacant ground; and on the <sup>north</sup> west by the Tent lode, unsur., Casey, Coghlan and Evarts, claimants.

## Location.

These claims are located in the Patagonia Mining District, Santa Cruz Co., Arizona. They are situated on the Coronado Forest Reserve, and are approximately in Sections 3, 4 and 9, T. 24 S., R. 16 E., G. & S. R. B. & M., unsurveyed.

## EXPENDITURE ON IMPROVEMENTS.

I hereby certify that the value of the labor and improvements upon ~~the~~ these lodes, placed thereon by the claimant or his grantors is not less than Five Hundred Dollars, (\$500.00) for each lode, and that the improvements consist of the following:-

Rocky Road lode:-

From the westerly end center monument,

No. 1, Discovery shaft, 4x6x10 feet,

bears N.66°-29'E., 60 feet distant. Value \$100.00

From Cor. No. 3,

No. 2, Open cut 4x5x12 feet and tun-

nel 4x6x8 feet, course S.76½°E.,

bears S.70¾°E., 220 feet distant. Value \$130.00

No. 3, open cut 4x10x17 feet and tun-

nel 4x6x32 feet, course S.55½°E.,

bears N.83°E., 235 feet distant Value \$390.00

No. 4, open cut and tunnel bears

N.62°-40'E., 295 feet distant.

From this point S.43°E., 21' in cut

and tunnel to intersection with Line

2-3 of the Rocky Road Lode and also

Line 2-3 of the Cross Ledge Lode.

As this 21 feet lies outside of the boundaries

of the Rocky Road and Cross Ledge lodes, I

disregard same; thence continuing in tunnel

S.43°E., 83 ft., thence S.49°-35'W., 45 ft.,

thence S.63½°W., 20 ft., thence S.38½°W.,

20 ft. Value of this portion \$1350

As this tunnel is centrally located and being

below the surface of all of the area embraced

in these lodes, it is therefore a practicable

and feasible method of developing both of

these lodes, and the ore extracted advantag-

ously therefrom. I therefore credit ¼ of the

value of that portion of the tunnel which

lies within the boundaries of these lodes to

each lode of this survey.

Value credited to this lode \$675.00

Cross Ledge lode,

From the northerly end center monument

No. 1, Discovery shaft, 4x6x10 feet,

bears S.46°-15'E., 715 feet distant Value \$100.00

7.

$\frac{1}{2}$  of Improvement No. 4, Rocky Road lode  
 previously described, credited to this lode. Value \$675  
 Total value of improvements \$2070.00

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INSTRUMENTS.

This survey was made with a Keuffel & Esser, Light Mountain Transit, reading to single minutes on the horizontal limb. The tapes used were a 300 foot steel ribbon tape, graduated to tenths, and a hundred foot steel tape graduated to hundredths.

All of the courses were deflected from the true meridian as established by a Polaris observation.

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POLARIS OBSERVATION.

At 9:38 P.M., l.m.t., I observe Polaris at western elongation, Feb. 16, 1914., and mark the line thus established by driving an iron pin in the ground 300 feet north of the station of observation. At 7:45 A.M., Feb. 17, 1914, I deflect from the line previously marked, 1°-21' to the east and from the meridian so established, I project to Cor. No. 1, of the Rocky Road lode, and from this line, I deflect the lines of my survey.

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Note:- The difference existing between the position of the discovery as given in the location notices and as found on the ground is due to errors in the location notices as is also due the difference between the recorded length of the Rocky Road lode and that length as found on the ground, as these claims are well monumented.

U. S. Mineral Monument No. 1 is an oak post on a high hill above Washington Camp.

Cor. No. 2 of the Golden Granite lode Survey No. 2406 is a granite stone 6x8x12 inches above ground, chiseled 2-2406 and Cor. No. 3 of the same lode is a rock in place about 6x6x2 ft' above ground on which is chiseled a cross and 3-2406

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Surveyed Feb. 16 - 20, 1914.

*Edgar C. Dietrich*  
U. S. Mineral Surveyor



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Edgar C. Dietrich

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

R. P. O'Connor

known as the Rocky Road, and the Cross Ledge lodes.

and showing the respective capacities in which they acted.

Joaquin Brown, Chainman.

John Brown, Chainman.

\_\_\_\_\_, Axman.

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

## FINAL OATHS OF ASSISTANTS.

We, Joaquin Brown

and John Brown, do solemnly swear that we assisted Edgar C.

Dietrich, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of R. P. O'Connor

known as the Rocky Road, and Cross Ledge lodes.

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.

Joaquin Brown, Chainman.

John Brown, Chainman.

\_\_\_\_\_, Axman.

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

Subscribed and sworn to by the above-named persons before me this 20th

day of February, 1914., 190

Edgar C. Dietrich  
U. S. Mineral Surveyor.

To obviate delay and expense to the claimant I administered the foregoing oaths.

Edgar C. Dietrich  
U. S. Mineral Surveyor

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

I, Edgar C. Dietrich, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated February 9, 1914, 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 R. P. O'Connor, known as the Rocky Road, and Cross Ledge lodes, situate in Patagonia Mining District, Santa Cruz County, Arizona, in Sections Approx. 3, 4 & 9, Township No. 24 S., Range No. 16 E., Unsur., and designated as Survey No. 3109, 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.

Edgar C. Dietrich  
U. S. ~~Deputy~~ Mineral Surveyor.

Subscribed and sworn to by the said Edgar C. Dietrich  
U. S. ~~Deputy~~ Mineral Surveyor, before me Walter C. Neuh  
a Notary Public this 9<sup>th</sup>  
day of April 1914,

Walter C. Neuh  
Notary Public

FEB 9-1914

Notice of Location.

Notice is hereby given, that the ROCKY ROAD mining claim was located by Stephen O'Connor, on this 26 day of June, 1909, for mining purposes. Said claim is 1500 feet in length along the or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit from end to end of said claim. The general course of this claim is S. W. - N. E. and is situated in the Patagonia Mining District, Santa Cruz County, Arizona, about 1500 yards in a southwesterly direction from the N. W. corner of the Ivanhoe mining claim PATENTED.

This claim runs from the discovery monument, or stake, on which the notice is posted, 70 feet in a S. W. direction to the S. W. center end monument or stake, and 1430 feet in a N. E. direction from the aforesaid location to the N. E. center end monument or stake, monument or stake, and is also marked by two corner monuments or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram.

Stephen O'Connor,  
Locator?

Filed and recorded at request of S. O'Connor,  
Aug. 10, A. D. 1909 at 9 A. M.

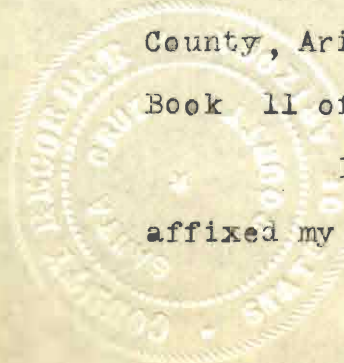
Phil Herold, County Recorder.

State of Arizona, )  
                          : s s.  
County of Santa Cruz.)

I, Phil Herold County Recorder in and for the County and State aforesaid, do hereby certify that the foregoing is a full, true and correct copy of location notice of Rocky Road mining claim, situated in Patagonia Mining District, Santa Cruz County, Arizona, as the same appears of record in my office in Book 11 of Mining Locations at pages 439 and 440.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal this 2nd day of February, A. D. 1914.

*Phil Herold*  
County Recorder.



Amended Dec. 9th, 1913.

FEB 9 1914

Notice of Location

Notice is hereby given that the CROSS LEDGE mining claim was located by W. H. Brown on this 8th day of May, 1913, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is southeasterly & northwesternly, and is situated in the Patagonia Mining District, Santa Cruz County, Arizona, about 800 yards in northerly direction from the Santa Nino mining camp. This amended notice is for the purpose of moving the 3 north end monuments of Cross Ledge mining claim, south to north side line of the Rocky Road mining claim. This claim runs from the discovery monument or stake, on which this notice is posted 500 feet in a south easterly direction to the south center end monument or stake, and 1000 feet in a north westernly direction from the aforesaid location monument or stake, to the north center end monument or stake, on the north side line of the Rocky Road mining claim and is also marked by two corner monuments or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments or stakes, making the claim in the form of a parallelogram, the 3 monuments on north end of Cross Ledge mining claim on the north side line of Rocky Road Mine.

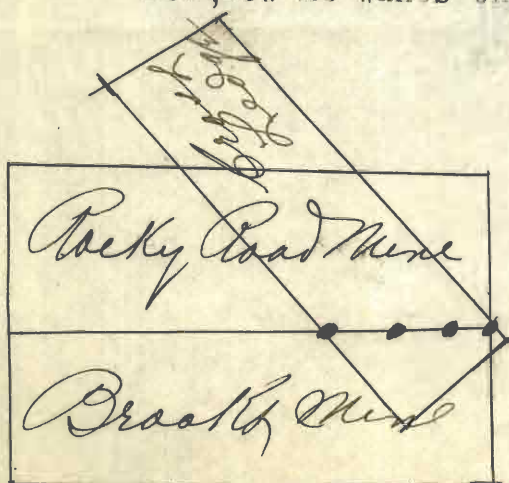
R. P. O'Connor,  
per W. H. Brown, Locator.

I sold the Cross Ledge mining claim to R. P. O'Connor, now he wants the monuments moved.

W. H. B.

The reason for amended location is to move 3 monuments on north end of the Cross Ledge mine south & off of the Brooks mine & to be on north side line of the Rocky Road mine as shown in plan.

R. P. O'Connor,  
per W. H. Brown



Filed and recorded at request of W. H. Brown, Dec .  
12th, 1913 at 9 A. M.

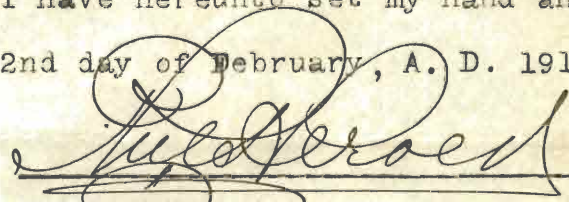
Phil Herold,

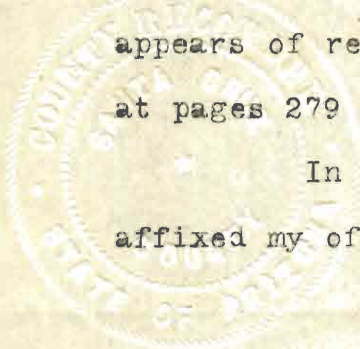
County Recorder.

State of Arizona, )  
                          : s s.  
County of Santa Cruz.)

I, Phil Herold, County Recorder in and for the  
County and State aforesaid, do hereby certify that the fore-  
going is a full, true and correct copy of location notice  
of the Cross Ledge mining claim, situated in Patagonia  
Mining District, Santa Cruz County, Arizona, as the same appea  
appears of record in my office in Book 16 of Mining Locations  
at pages 279 and 280.

In witness whereof, I have hereunto set my hand and  
affixed my official seal this 2nd day of February, A. D. 1914.

  
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 7, 1914.

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

R. P. O'Connor

, known as the ROCKY ROAD, CROSS LEDGE.

, situate in PATAGONIA

Mining District, SANTA CRUZ County,

Arizona, Approx. in Sections 3, 4 & 9, Township No. 24 S.,

Range No. 16 E., Unsur., and designated as Survey

No. 3109, 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 for each of improvements made upon said mining claim by claimant or his grantors, and that said improvements consist of 2 shafts and 3 cut and tunnels, total value \$2070.00. The last 168 ft. of cut and tunnel No. 4 on the Rocky Road lode being a common improvement for the benefit and development of both of the claims in this survey. (the first 21 ft. being without the boundaries of this survey and not applied thereto), an undivided one-half interest therein, value \$675. is properly credited to each claim in this survey.

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 7, 1914

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

R. P. O'Connor

, known as the

ROCKY ROAD, CROSS LEDGE.

situate in PATAGONIA mining district,

SANTA CRUZ County, Arizona, Approx.

in Section s. 3, 4 & 9, Township No. 24 S., Range No. 16 E., Unsur.

designated as Survey No. 3109

executed by Edgar C. Dietrich, U. S. Deputy Mineral

Surveyor, February 16-20, 1914, 190, under my instructions dated

February 9, 1914, 190, 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 S. Ingalls*

U. S. Surveyor-General for Arizona