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back for correction*

OCT 7 1904
Examined
U.S.G.

(4-683.)

Mineral Survey No. 1986

Lot No. _____

Pila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

*Junction Development to
J.M. Connell atty*

KNOWN AS THE

*Swain
Sulphate in Harney*

Mining District,

Cochise County, *Arizona*

Section *Approximately* Township *23 S*, Range *24 E 1 & 2 R B & M*

Surveyed under instructions dated *22nd September, 1904*

by *Franklin W. Smith*

U. S. Deputy Mineral Surveyor.

Claim located *see notes* . 1

Survey commenced *September 28th* 1904 . 1

Survey completed *October 2nd* 1904 . 1

6-100

*Post Office address of claimants atty
Bisher, Cochise County Arizona*

*Arvas - O.K.
See line does not check
Harney*

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Peter Chads and Joe Barch,
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either by sticking or dropping the same; that we will report the true distance to all notable objects, and the true length of all lines that we assist in measuring, to the best of our skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of Juniper Development
to J. M. O'Connell atty.
known as the Swain
situate in Warren mining district
Cochise County, Arizona
in Section approx, Township No. 23d, Range No. 24E G. S. B. & M
Peter Chads, Chairman.
Joe Barch, Chairman.

Subscribed and sworn to by the above-named persons before me this
29th day of September, 1908

Corradino
NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

I, _____, do solemnly swear that I will well and truly perform the duties of axman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the _____
more fully described in the preceding affidavit.

_____, Axman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
190_____

I, _____, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of

known as the _____
more fully described in the preceding affidavit.

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
190_____

Survey No. 1986.

Feet

SWIM

Beginning at Cor. No. 1, the NE. cor., identical with location and with Cors. No. 1 and 4 respectively of Erie Cattle Claim, Survey No. 1464 and Julia lode, Survey No. 1780, a pine post 4 ft. long 4 ins. sq. set 1 ft in the ground in a mound of stones and scribed 1-1986 S. L., whence a pine post of same dimensions and scribed W. C. 1-1986 brs.

S. $53^{\circ} 32'$ E. 25 ft. and a second pine post of same dimensions and scribing brs. N. $53^{\circ} 32'$ W. 25 ft., and U S

M M No 4 Warren Mining District brs N. ~~$69^{\circ} 56' 50''$ W. 4731.4~~ $67^{\circ} 59' 33''$ W 3415.8 ft.

Thence S. $53^{\circ} 32'$ E

1381.6 along line 1-4 Erie Cattle Claim, Survey No. 1464 to Cor No 2, the SE cor., identical with location and with Cors No. 1, 2 and 4 respectively ~~lode~~ *Home* lode, Survey No. 1782, Baras lode, Survey No. 1663 and Erie Cattle Claim Survey No. 1464, a pine post 4 ft. long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 2-1986 S. L., whence a pine post of same dimensions and scribed W. C. 2-1986 brs. S. $53^{\circ} 32'$ E. 25 ft. and a second pine post of same dimensions and scribing brs. N. $53^{\circ} 32'$ W. 25 ft.

Thence S. $20^{\circ} 34'$ W.

20.0 along line 1-2 Home lode, Survey No. 1782 to original location for S. end center,

27.2 same bearing to Cor. No. 3, the SW. cor. identical with location and on line 1-4 Last Rose of Sumner lode, Survey No. 1561 a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 3-1986 S. L., whence a pine post of same dimensions and scribed W. C. 3-1986 brs. N. $53^{\circ} 05'$ W. 25 ft and a second pine post of same dimensions and scribing brs. S. $53^{\circ} 05'$ E. 25 ft.,

Thence N. $53^{\circ} 05'$ W.

1233.1 along line 4-1 Last Rose of Sumner lode, Survey No. 1561 to Cors. No. 1 and 5 respectively of Last Rose of Sumner lode, Survey No. 1561 and Julia lode, Survey No. 1780 from which point Cor. No. 4 Julia lode brs. N. $44^{\circ} 38'$ W. 107.3 ft

Survey No. 1986
SWIM

Feet

1334.6 same bearing to Cor. No. 4, the NW cor., identical with location a pine post 4 ft long 4 ins sq set 1 ft in the ground in a mound of stones and scribed 4-1986 S L thence a pine post of same dimensions and scribed W. C. 4-1986 hrs. N. 53° 05' W. 25 ft and a second pine post of same dimensions and scribing hrs. S. 53° 05' E. 25 ft.

Thence N. 20° 34' E.

7.2 to original location for N. end center

16.4 same bearing to Cor. No. 1, the place of beginning.

Ledge.

The presumed course of the vein upon this claim is from the S. end center of location N. 53° 05' W. 1334.6 ft.

AREA.

Total Area Swin lode,	0.641 Acres
Less area in conflict with Julia lode, Survey No. 1780	0.018 "
Net area Swin lode,	0.623 Acres.

Improvements.

I certify that the value of the labor and improvements on this claim placed thereon by claimant or its grantors are as follows:

No 1 Discovery Shaft 4x6x10 ft. hrs. from N. end center of location S. 53° 05' E. 100 ft. Value \$100

Note Complete affidavit of \$500 improvements on this claim will be furnished before the expiration of publication.

ADJOINING CLAIMS.

North Erie Cattle Claim, Survey No. 1464, owned by applicant herein. Baras lode, Survey No. 1663, Copper Queen Con. Min. Co owner.

East Home lode, Survey No. 1782, owned by applicant herein.

South Last Rose of Sumner lode, Survey No. 1561 same owner.

West Julia lode, Survey No. 1780 I. W. Wallace

LOCATION.

This claim is located about $\frac{5}{4}$ mi in a SE direction from the City of Bisbee on unsurveyed lands in Warren Mining District, Cochise County, Arizona, approximately in Twp 23 S R 24 E G & S R E & M.

INSTRUMENT.

This survey was made with a Bantz Mount in and Mining transit. The courses were deflected from the true meridian as determined by solar observation, checked by an observation on Polaris. The distances were measured with a 500 foot steel tape.

Magnetic Variation $18^{\circ} 50'$ E.

Franklin W. Smith

U. S. Deputy Mineral Surveyor.

Bisbee, Arizona,

October 4th 1904.

Note Any discrepancies between the courses and distances of this survey and those of the adjoining approved surveys are due to errors in the latter.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Franklin K. Smith

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 Junction Development Co. J.M. O'Connell atty

known as the Quinn

and showing the respective capacities in which they acted.

Peter Chiado, Chairman.

Joe Bortch, Chairman.

....., Axman.

....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, Peter Chiado

and Joe Bortch, do solemnly swear that we assisted Franklin

W. Smith, United States Deputy Mineral Surveyor, in marking the corners and

surveying the boundaries of the mining claim of Junction Development

Co. J.M. O'Connell atty

....., known as the Quinn, 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.

Peter Chiado, Chairman.

Joe Bortch, Chairman.

....., Axman .

....., Flagman.

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

this 4th day of October, 1904

Conrad Smith

NOTARY PUBLIC
In and for the County of Cochise, Territory of Arizona,
My Commission Expires March 21, 1908.

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Franklin W. Smith, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated September 22nd, 1904, 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 Junction Development Co J M O'Connell atty, known as the Swan, situate in Marathon Mining District, Cochise County, Arizona, in Section approx 23S, Township No. 23S, Range No. 24 E 4 + 5 N B + M unsurveyed, and designated as Survey No. 1986, 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 eto 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.

Franklin W. Smith
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Franklin W. Smith
U. S. Deputy Mineral Surveyor, before me

this 1st
day of October, 1904.

Cora E. Smith

In and for the County of Cochise, Territory of Arizona.
My Commission Expires MARCH 21, 1908.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern :

This Mining Claim, the name of which is the Swin 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 purposes of exploration and purchase by A. J. Howland, A. Citizen of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 30 day of June 1903

The length of this claim is 1385 feet,

and 1 claim 160 feet,

in a N. Westerly direction and 1225 feet in a S. Easterly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 20 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 N. West to the S. East

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 2000 feet

in a S. Easterly direction from Sacramento Hill and

bounded on the N. E. by the Eric (Patent claim 1464), on S. E. by Home (Patent 1782), on the S. W. by Last Rose (patent 1561)

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

Territory of Arizona,)

:SS.

County of Cochise.)

I, Frank Hare County Recorder in and for said County, hereby certify that I have compared the foregoing copy with the original location notice of the Swin mining claim, filed and recorded in my office on the 30 day of July 1903 in book 27 page 67, Record of Mines, 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 16th day of Sept. 1904

Frank Hare

County Recorder.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Silver 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 purposes of exploration and purchase by H. J. Howland, a Citizen of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")

the undersigned, on the 30 day of June 1903

The length of this claim is 1385 feet, and 160 claim 160 feet, in a N. Westerly direction and 1225 feet in a S. Easterly direction from the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 20 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 N. West to the S. East

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 2000 feet in a S. Easterly direction from Sacramento Hill and bounded on the N. E. by the Eric Patent claim (1464), on S. E. by Home Patent (1782), on the S. W. by Last Rose (patent 1561)

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

A Monument

at a point in a S. Easterly direction 160 feet from the discovery shaft (at which this notice is posted), being in the center of the N. W. end line of said claim; thence S. Westerly 20 feet to a post, being the N. W. corner of said claim; thence S. Easterly 1385 feet to a post, being at the S. W. corner of said claim; thence N. Easterly 15 feet to a Monument at the center of the S. E. end of said claim; thence N. Easterly 15 feet to a post, being at the S. E. corner of said claim; thence N. Westerly 1385 feet to a post at the N. E. corner of said claim; thence S. Westerly 20 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 30th day of June 1903

H. J. Howland

Filed and recorded at request of S. E. Hazzard July 3rd 1903, at 10 a. m Book 27, Record of Mines, page 67.

TERRITORY OF ARIZONA,
County of..... } ss

I,....., County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at..... o'clock,..... M., on this..... day of..... 190..., and duly recorded in Book No..... of..... Records of..... County, Arizona, at pages.....
WITNESS my hand and official seal the day and year first above written.

County Recorder.

Notice of Location

LODE CLAIM

Dated..... 190.....

Filed and Recorded at request of.....

A. D. 190.....

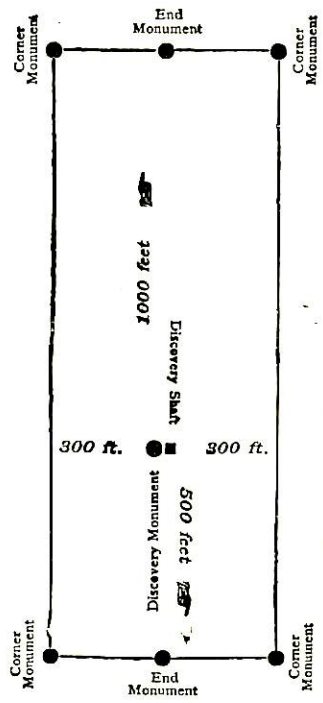
at..... M.

Book.....

Pages.....

County Recorder.

By..... Deputy Recorder.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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.

Oct 21 - , 1904

I, U. S. Surveyor-General for the district of Arizona.

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Junction Development Co., J. M. O'Connell, Atty.

known as the Swin.

situate in Warren Mining District, Cochise, County, Arizona.

in Section approx., Township No. 23 S., Range No. 24 E., designated as Survey No. 1985.

executed by Franklin W. Smith, U. S. Deputy Mineral Surveyor, Sept. 28th to Oct. 2nd 1904.

1904, under my instructions dated Sept. 22nd 1904, 1904, have been critically examined and the necessary corrections and explanations made, and the said Field Notes and Return, and the Survey they describe,

are hereby approved. A true copy of the copy of the location certificate filed by the applicant for survey is included in the field notes.

Frank J. Ingalls

U. S. Surveyor-General for Arizona.

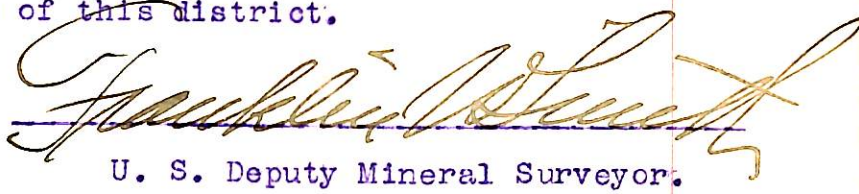
Swim Lode, Survey No. 1986.

Improvements.

I certify that the value of the labor and improvements on the Swim Lode Mineral Survey No. 1986 placed thereon by the claimant, or its grantors, is not less than \$500.00, and that said improvements consist of:

- No. 1. Discovery shaft 4 X 6 X 50 feet, bears from North end center of location South 53° 05' East 100 feet; value \$500.
- No. 2. Junction Shaft, 6 X 20 X 800 feet, four compartment, timbered, bears from a point on line 5-6 Error Lode, Survey No. 1968 North 30° 7' West 344.7 feet from corner No. 5, North 24° 10' West 223.4 feet; value \$60,000.00 1/20 interest allotted to this survey, \$3000.00. Total improvements Swim Lode \$3500.00.

Note. The main working shaft of the Junction Developing Company situated on the East side line of the Error Lode, Survey No. 1968 (18 feet of which shaft is situated on the Waddell Lode Survey No. 1652) was sunk for the purpose of developing the entire Junction Group, as a centrally located shaft by drifting and cross-cutting from same has proven beyond question to be the best and most practical method to develop the ore deposits of this district.



U. S. Deputy Mineral Surveyor.

Bisbee, Arizona, Dec. 15th, 1904.

DEC-23-1901

Affidavit of Five Hundred Dollars Improvements.

We, Frank Radoth, and Fred Hauenstein

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

situate in Warren Mining district, Cochise County,

Arizona Territory, for which Junction Development

by JMO Connell atty in fact

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 to grantor exceed Five Hundred

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

Frank Radoth

Fred Hauenstein

TERRITORY OF ARIZONA,

County of Cochise } ss:

Sworn to and subscribed before me, this 15th

day of December, 1901

M. E. Cassidy



6986500-2-03

My Commission Expires
June 14th 1908

(4-691.)

Certificate of U. S. Surveyor General

AS TO

EXPENDITURES REPORTED AFTER RETURN OF SURVEY OF MINING CLAIM.

I, U. S. Surveyor General for Dist. of Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, ^{or for} upon the mining claim of
Junction Development Company

known as the Swim,
situate in Warren mining district,
Cochise County, Arizona

in Section _____, Township No. _____, Range No. _____;

that said improvements consist of Dis. shaft 4 x 6 x 50 ft. value \$500.
and 1/20 interest in Junction Development Company's main working
shaft, value \$3000.00

_____, and that no portion of said labor or improvements has been
included in the estimate of expenditures upon any other claim. A copy of the report of
Franklin W. Smith, U. S. Deputy Mineral Surveyor, dated
Dec. 15, 1904, 18 _____, is hereto attached.

Frank A. Sigales

U. S. Surveyor General for Arizona

Office of U. S. Surveyor General,
Phoenix, Arizona

Dec. 24, 1904, 18 _____

SWIM

SURVEY N° 1986.

Scale: 200 FT. = 1 in.

N

