

MS

0

2

5

5

4

4-683.

MINERAL SURVEY No. 2554

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

J. A. Irwin

KNOWN AS THE

Granite

Warren Mining District,

Cochise County, Arizona

Section *Upper*, Township 23 S., Range 24 E. unsurveyed.

Surveyed under instructions dated June 8, 1908

by H. W. Jorgensen
U. S. Mineral Surveyor.

Claim located *See Location Notice*, 1908

Survey commenced June 24, 1908

Survey completed July 2, 1908

6-822

Address of
Claimant's attorney, Carl Clausen, Box 597, Bisbee, Arizona.

Feet

Granite Lode.

Corner No. 6 Chicago lode, Survey No. 1739, identical with Cor. No. 3 George lode, Survey No. 1982 has been destroyed. I establish it on line 3-5 Soudan lode, Survey No. 1387 at ^{N. 89° 31' W.} 267.8 ft. from Cor. No. 3, and make it Cor. No. 1 of this survey, a pine post 4 ft long, 4 ins. sq. set on bed rock in a mound of stones three feet high, scribed 1-2554 GL, whence an X-2554 BR chiseled on a horizontal face of limestone bedrock 18 ins. X 18 ins. 8 ins. above the surface of the ground, brs. S. 44° E. 8.08 ft., and a similar chiseling on limestone bedrock 2 ft. X 4 ft., level with the surface, brs N. 14° 40' W. 12.22 ft., and original location corner, a mound of stones brs N. 50° E., 6 ft., and U.S.M.M. No. 4 brs. N. 79° 21' E. 6913. ft.

Thence S. 49° 57' W.

298.0 to original location for E.E.C.

597.7 same bearing to Cor. No. 2, the southeast corner, identical with location, and with Cor. No. 5 Chicago lode, Survey No. 1739, ^{add line 4-1 Trotter lode, Survey No. 1696} a pine post 3½ ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of stones, on which is no scribing; I scribe 2-2554 GL, whence an X-2554 BR chiseled on limestone bedrock 4 ft. X 30 ins. and 4 ins. high brs N. 57° 41' E. 43.1 ft., and a similar chiseling on limestone bedrock 12 ins. X 18 ins. and 5 ins high, brs S. 34° 14' E. 42.3 ft. and a post scribed 2-1739LL, 1-1696 TL, brs S. 19° 47' E. 319.1 ft. and point set for Cor. No. 4 Trotter lode, Survey No. 1696 brs N. 19° 47' W. 626.4 ft.

Thence N. 30° 57' W.

518.3 to intersection with line 4-3 Trotter lode, Survey No. 1696, identical with line 3-2 Dewey lode, Survey No. 1940, at S. 20° 37' W. 154.8 ft. and 121.7 ft. from Cors. No. 4 Trotter and 3 Dewey, respectively.

800.2 Same bearing to intersection with line 4-5 Dewey lode, Survey No. 1940, identical with east side line Kite lode, unsurveyed, at S. 37° 07' W. 21.3 ft. from Cor. No. 4 Dewey lode, ^{and S. 37° 07' W. 21.3 ft. from east end center White lode.}

805.0 Same bearing to Cor. No. 3, the southwest corner, a pine post 4 ft. long, 4 ins. sq., set 1 ft. in the ground in a mound of

3rd

SURVEY NO. 2554

feet

stones and scribed 3-2554 GL, whence an X-2554 BR chiseled on a limestone boulder 5 ins. X 9 ins., 3 ins. high brs S. 1° 10' E. 9.15 ft. and a similar chiseling on a limestone boulder 12 ins. X 18 ins., 15 ins high, brs N. 63° 30' W. 18.07 ft., and original location corner brs N. 37° W. 32 ft.

Thence N. 49° 57' E.

20.0 to corner No. 4, the northwest corner, identical with Cors. No. 5 Contact lode, Survey No. 1387, and 4 Dewey lode, Survey No. 1940, *and east end center Kite lode, unsurveyed,* a pine post 4 ins. sq. 3 ft. above ground surrounded by a mound of stones, scribed 5-1387 CL, 1940 DL. I add to scribing, 4-2554 GL, whence an X-2554 BR chiseled on a limestone boulder 12 ins. X 12 ins., 6 ins high brs S. 68° 47' E' 6.0 ft., and a similar chiseling on a limestone boulder 5 ins. X 9 ins., 3 ins high brs N. 22° 40' E. 19.60 ft. and original location corner brs N. 69° 38' W. 37 ft. and point set for Cor. No. 3 Dewey lode, Survey No. 1940 brs S. 50° 24' E. 227.2 ft.

Thence S. 69° 38' E.

585.1 to corner No. 5, identical with Cors. No. 3 and 5 of the Contact and Soudan lodes, respectively, Survey No. 1387, a pine post 4 ins. sq. 3 ft. above ground surrounded by a mound of stones and scribed 3-1387 CL, 5-1387 SL. I add to scribing, 5-2554 GL, whence an X-2554 BR chiseled on a porphyry boulder 12 ins. X 18 ins., 18 ins. high brs N. 2° W. 8.50 ft., and a similar chiseling on the face of a porphyry cliff 10 ft. long and 8 ft. high brs S. 77° 50' E. 16.45 ft.

Thence S. 69° 31' E.

328.5 To corner No. 1, the place of beginning.

--- LEDGE ---

The presumed course of the ledge or vein on this claim is from the E. end center, N. 50° 54' 30" W., 809.3 feet.

--- AREA ---

Total area Granite lode,	5.640 A.
Less Area in conflict with Trotter lode Surv. No. 1696,	0.721 A.
Less Area in conflict with Dewey lode, Surv. No. 1940	0.364 "
Less Area in conflict with Kite lode, unsurveyed,	0.001 "
Net area Granite lode,	<u>4.554 "</u>

--- IMPROVEMENTS. ---

I hereby certify that the value of the labor and improvements on this claim, placed there by the claimant or his grantors, is not less than \$500.00 and that said improvements consist of:

No. 1	Discovery shaft, 4X6X20 ft. hrs from Cor. No. 2. N. 33°45'E. 297 ft., value,	\$200.00
No. 2	Shaft, 4X6X10 ft. hrs from Cor. No. 2. N. 31°40'E. 302 ft., value	100.00
No. 3	Shaft, 4X6X10 ft. hrs from Cor. No. 2 N. 30°10'E. 308 ft., value	100.00
No. 4	Shaft, 4X6X10 ft. hrs from Cor. No. 2 N. 28°15'E. 315 ft., value,	100.00
No. 5	Shaft, 4X6X10 ft. hrs from Cor. No. 2 N. 30°10'E. 265 ft., value,	100.00
No. 6	Cut, 4X6X2 ft. deep, hrs from Cor. No. 2 N. 28°15'E. 272 ft., of no value.	
	Total improvements, Granite lode,	<hr/> \$600.00

--- ADJOINING CLAIMS ---

North Contact and Soudan lodes, Survey No. 1387, Thos. Higgins, owner.

East Chicago lode, Survey No. 1739, Wolverine and Arizona Mining Company, owner.

South Trotter lode, Survey No. 1696, Wolverine and Arizona Mining Company, owner.

Dewey lode, Survey No. 1940, Fred Hedberg, owner.

West Kite lode, unsurveyed, Fred Hedberg, owner.

--- LOCATION ---

This survey is located approximately in T. 23 S., R. 24 E., G. & S. R. B. & M., unsurveyed, in the Warren Mining District, CoChise County, Arizona.

---- INSTRUMENTS ----

This survey was made with a Buff & Buff mining transit; the courses were deflected from the true meridian as determined by direct solar observations; the distances were measured with a 500 ft. and a 100 ft. steel tapes.

Magnetic variation at all corners $12^{\circ}30'E$.

Note. Corners No. 3 Dewey and 4 Trotter lodes have been destroyed. I determined the point for Cor. No. 3 Dewey, by deflecting at Cor No. 4 Dewey, an angle of $87^{\circ}31'$ to the left from line 4-5 Dewey, and measuring 227.2 feet. To locate Cor. No. 4 Trotter, I continued line 1 Trotter- 5 Chicago to intersect line 2-3 Dewey, produced, at $N. 20^{\circ}37'E. 33.1$ ft. from Cor. No. 3.

The discrepancies between the bearings and distances of the lines of this survey and those of the adjoining and conflicting surveys are due to errors in the latter.

The areas in conflict with Trotter lode, Survey No. 1696, Dewey lode, Survey No. 1940, and Kite lode, unsurveyed, are excluded from this survey.

Dated at Bisbee, Arizona, July 6, 1908.

H. W. Jorgensen
U. S. Deputy Mineral Surveyor.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by H. W. Jorgensen

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

J. A. Irwin

known as the Granite

and showing the respective capacities in which they acted.

F. J. Gibbons, *Chainman.*

Chainman.

Acman.

Flagman.

FINAL OATHS OF ASSISTANTS.

~~we~~ ^I

F. J. Gibbons

and _____, do solemnly swear that ~~we~~ ^I assisted _____

H. W. Jorgensen, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of J. A. Irwin

known as the Granite

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

F. J. Gibbons, *Chainman.*

Chainman.

Acman.

Flagman.

Subscribed and sworn to by the above-named persons before me this 3rd

day of July, 1908.

[Handwritten signature]
Notary Public
My Commission Expires June 9, 1909.

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, H. W. Jorgensen, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated June 8, 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 J. A. Irwin, known as the Granite, situate in Warren Mining District, Cochise County, Arizona, in Section Approx., Township No. 23 S., Range No. 24 E. unsurveyed, and designated as Survey No. 2554, 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.

H. W. Jorgensen
U. S. Mineral Surveyor.

Subscribed and sworn to by the said *H. W. Jorgensen*

U. S. Mineral Surveyor, before me *W. Stanford*

Notary Public, this *seventh*

day of *July*, 1908.

W. Stanford

Notary Public

My commission expires June 9, 1909.

Affidavit of Five Hundred Dollars Improvements.

We, F. J. Gibbons and Fred Hedberg

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Granite mining claim, situate in Warren Mining district, Cochise County, Arizona Territory, for which ~~Carl Clausen, Attorney in fact for~~

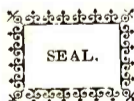
J. A. Irwin

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

F. J. Gibbons
Fred Hedberg

TERRITORY OF ARIZONA, }
County of Cochise } ss:

Sworn to and subscribed before me, this seventh day of July, 1908.



W. W. Crawford
Notary Public.
My Commission Expires June 9, 1909.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Granite Lode 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 J.A. Irwin

(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 8th day of Jan. 1903.

The length of this claim is 1500 ft. or less feet, and I claim about feet or less feet, in a easterly direction and 1000 feet or less feet in a westerly 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 east to the west

The claim is situated and located in the Warren Mining District, in Cochise County, in the Territory of Arizona, about 1 1/2 mile in a westerly direction from Bisbee it borders on north by Contact & Sudan Claims on the east by the Chicago on the south by the Trotter & Deweye

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

at a point ~~xxx~~ easterly direction 500 or less feet from the discovery shaft (at which this notice is posted), being in the center of the east end line of said claim; thence southerly 300 or less feet to a to mound, being the S. Easterly corner of said claim; thence westerly 1800 ft. or less feet to a mound, being at the S. Westerly corner of said claim; thence northerly 300 or less feet to a mound at the center of the west end of said claim; thence northerly 300 or less feet to a mound, being at the N. Westerly corner of said claim; thence easterly 1500 ft. or less feet to a mound at the N. Easterly corner of said claim; thence Southerly 300 ft. or less 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 8th day of Jan 1903.

Witness: J.A. Irwin
Fred Hedberg
Filed and recorded at request of Geo. C. Clark Mch. 27 1903 at 9 A.M.,
in Book No. 23 Record of Mines at page 522.

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.

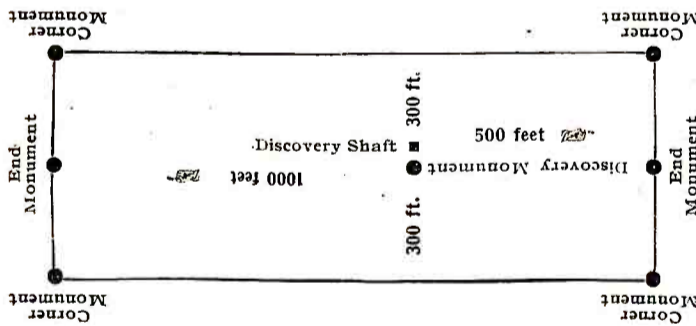
Book.....

Pages.....

.....
 County Recorder.

By.....
 Deputy Recorder.

THE H. H. McNEIL CO., PRINTERS, PHOENIX, ARIZONA



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.

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

DEPARTMENT OF THE INTERIOR,

OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

September 18, 1908.

I, U. S. Surveyor General for Arizona,
do hereby certify that the foregoing transcript of the Field Notes, return and approval
of the Survey of the mining claim of J. A. Irwin,

known as the Granite
situate in Warren
Mining District, Cochise County,
in Section Approx., Township No. 23 S.,
Range No. 24 E., unsur., and designated as Survey
No. 2554

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 his grantors, and
that said improvements consist of 5 shafts and 1 cut, total value \$600,

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,

September 18, 1908.

I, U. S. Surveyor-General for Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the
Mining Claim of J. A. Irwin,

known as the

Granite

situate in Warren mining district,

Cochise County, Arizona,

in Section APPROX., Township No. 23 S., Range No. 24 E., unsur.,

designated as Survey No. 2554

executed by H. W. Jorgensen, U. S. Deputy Mineral

Surveyor, June 24 - July 2, 1908, under my instructions dated

June 8, 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 S. Jorgensen

U. S. Surveyor-General for Arizona.