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4-683.

MINERAL SURVEY No. 2561

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Pioche and Arizona Copper & gold Mining Co.

KNOWN AS THE

Heart's Desire, Iron Giant, Blind Indian, Little Grace, Little Maid & Margaret Pellans Mining District,
Yuma County, Arizona

Section, Township Approx. 7N, Range 19W, Unsur.

Surveyed under instructions dated July 10th, 1908

by W. Percy Browne
U. S. Mineral Surveyor.

Claim located See Location Notices, 19

Survey commenced July 12th, 1908

Survey completed July 13th, 1908

6-822

Address of claimant's agent;
S. J. Godbe,
420 N. Soto St.,
Los Angeles, Cal.

2 Heart's Desire located — Jan 1 - 1907
Iron giant — — — — — " " "
Blind Indian — — — — — " 2 - 1907
Little Grace — — — — — Sept. 20 - 1907
Little Maud — — — — — Sept. 20 - 1907
Margaret Phillips — — — — — Nov. 16 - 1907

Survey No. 2561

Feet Heart Desire lode
 Beginning at Cor. No. 1
 a sawed pine post 4 ins.
 square 4 ft. long set 18 ins.
 in the ground in
 mound of earth and
 stone scribed 1-2561
 Whence
 The U. S. L. M. No.
 2170 bears N 55° 24' E
 1504.4 ft.
 The discovery cut bears
 N 31° 32' W. 793.2 ft.
 No bearing objects available
 Thence N 9° 26' W

1391.2 To Cor. No. 2
 a sawed pine post
 4 ins. square 4 ft. long
 set 18 ins. in the ground
 in mound of earth
 and stone scribed
 2-2561
 No bearing objects available
 Thence S 77° 40' W

298.9 To N. W. corner end of the location.

598.9 To Cor. No. 3
 a sawed pine post 4 ins.
 square 4 ft. long set 18 ins.
 in the ground in a
 mound of earth and
 stone scribed 3-2561
 No bearing objects available
 Thence S 9° 26' E

1391.2 To Cor. No. 4
 a sawed pine post
 4 ins. square 4 ft. long
 set 18 ins. in the ground
 in a mound of earth
 and stone scribed
 4-2561
 No bearing objects available

Survey No. 2561

Feet
 300.0 Thence $N 77^{\circ} 40' E$
 598.9 To S.E. Center of the location
 To Cor. No. 1, the place of
 beginning

From the discovery, ~~cut~~
 the presumed course of the vein is
 $N 9^{\circ} 26' W$ 641.2 ft. and
 $S 9^{\circ} 26' E$ 750.0 ft.

The survey of this lode
 is identical with its
 location the corners
 of which were found
 in place.

Iron Giant lode
 Beginning at Cor. No. 1
 a sword pine post 4 ins.
 square 4 ft. long set
 18 ins. in the ground
 in a mound of earth
 and stone scribed
 1-2561, whence
 Thence to S. R. M. No. 2170
 bears $N 44^{\circ} 07' E$. 1031.3 ft.
 The discovery a mound of rocks
 bears $N 48^{\circ} 25' W$. 370.0 ft
 Cor. No. 2 Sur. No. 2170
 Clemma E. lode bears
 $N 9^{\circ} 05' 30'' W$ 1035.4 ft.

No bearing objects available
 Thence $N 6^{\circ} 50' 50'' W$
 1050.5 Intersect line 1-2 Sur. No.
 2170 Clemma E. lode
 at $N 61^{\circ} 43' E$ 43.56 ft. from
 Cor. No. 2

1396.3 To Cor. No. 2
 A sword pine post 4 ins.
 square 4 ft. long set 18 ins.
 in the ground in a
 mound of earth and stone

Survey No. 2561

scribed 2-2561.

No bearing object available
 Thence $S 77^{\circ} 40' W$

176.76

Intersect line 2-3 Sur. No.
 2170 Clamma E. lode
 at $N 28^{\circ} 17' W$ 370.47 ft.
 from Cor. No. 2

295.9

To N. W. center end of
 the location

595.9

To Cor. No. 3

Identical with Cor. No. 2
 Heart's Desire lode of
 this survey Cor. described
 above and scribed
 same 3-2561.

No bearing objects available
 Thence $S 9^{\circ} 26' E$

1391.2

To Cor. No. 4

Identical with Cor. No. 1
 Heart's Desire lode of
 this survey Cor. described
 above and scribed same
 4-2561

Thence $N 77^{\circ} 40' E$

300.0

To S. E. center end of
 the location

532.9

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

From the discovery point
 the presumed course of the vein is
 $N 9^{\circ} 26' W$ 1091.2 ft. and
 $S 9^{\circ} 26' E$ 300.0 ft.

The survey of this lode
 is identical with its
 location, the corners
 of which were found in
 place.

H

Survey No. 2561

Blind Indian hole
Beginning at Cor. No. 1
A sawed pine post 4 ins. square
4 ft. long set 18 ins. in
the ground in a
mound of earth and
stone scribed 1-2561

Whence

The U. S. R. M. No. 2170
bears $586^{\circ} 12' E$. 3088.9 ft.
No bearing objects available

Thence $N 9^{\circ} 26' W$

350.0 To N. E. C. of the location

700.0 To Cor. No. 2

A sawed pine post 4 ins.
square 4 ft. long set 18 ins.
in the ground in
mound of earth and
stone scribed 2-2561

No bearing objects available

Thence $S 30^{\circ} 51' W$

1447.0 To Cor. No. 3

A sawed pine post 4 ins.
square 4 ft. long set 18 ins.
in the ground in mound
of earth and stone scribed

3-2561

Whence

The discovery shaft bears
 $N 65^{\circ} 03' E$ 402.6 ft.

No bearing objects available

Thence $S 9^{\circ} 26' E$

350.0 To S. W. center end of
the location

705.6 To Cor. No. 4

A sawed pine post 4 ins.
square 4 ft. long set 18 ins.
in the ground in mound
of earth and stone
scribed 4-2561

No bearing objects available

Survey No. 2561

Feet
1451.8

Thence $N 30^{\circ} 42' 20'' E$
To Cor. No. 1, the place of
beginning.

From the discovery shaft the pre-
sumed course of the vein is $N 30^{\circ} 51' E$. 844.7 ft
and $S 30^{\circ} 51' W$. 600.0 ft.

The survey of this lode is identical
with the location, the corners
of which were found in place.

Little Grace lode
Beginning at Cor. No. 1
Our line 3-2 Heart's Desire lode
of this survey.

a sawed pine post 4 ins.
square 4 ft. long set 18 ins. in
the ground in a mound
of earth and stone scribed
1-2561, Whence

The W. S. R. M. No. 2170 bears
 $N 79^{\circ} 34' E$. 1960.2 ft.

The discovery cut bears
 $N 28^{\circ} 36' W$. 651.7 ft.

No bearing objects available.

Thence $N 7^{\circ} 26' W$

405.3 To S.E. Center end of the location.

755.3 To Cor. No. 2

Identical with Cor. No. 1
Heart's Desire lode of this
survey corner described
above and scribed same

2-2561

Thence $N 54^{\circ} 55' W$

1470.3 To Cor. No. 3

a sawed pine post 4 ins.
square 4 ft. long set 18 ins.
in the ground in mound
of earth and stone
scribed 3-2561

No bearing objects available

6

Survey No. 2561

Feet
350.0 Thence $59^{\circ} 26' E$
Cor. No. 2 Blind Indian
Lode of this survey and N.W.
center end of the location
700.0 To Cor. No. 4

a sawed pine post 4 ins.
square 4 ft. long set 18 ins.
in the ground in a
mound of earth and
stone scribed 4-2561
No bearing objects available

Thence $553^{\circ} 25' E$
1509.2 To Cor. No. 1, the place of
beginning

From the discovery of the pre-
sumed course of the vein is $N 54^{\circ} 55' W$
1170.3 ft. and $554^{\circ} 55' E$
300.0 ft.

The survey of this lode is
identical with its location
the corners of which were
found in place.

Little Mand Lode
Beginning at Cor. No. 1
Identical with Cor. No. 2
Heart's Desire Lode and
Cor. No. 3 Iron Giant Lode
both of this survey, corner
described above, and
scribed same 1-2561, Whence
The L. S. M. No. 2170
bears $570^{\circ} 32' E$. 1555.3 ft.

Thence $577^{\circ} 40' W$
243.9 To S. E. Center end of the
location.

598.9 To Cor. No. 2
Identical with Cor. Nos.
342 Heart's Desire Lode
and Little Grass Lode

Survey No. 2561

of this survey corner described above and scribed James 2-2561 Whence

The discovery a mound of rocks bears $N 22^{\circ} 12' E$ 268.1 ft.

Thence $N 54^{\circ} 55' W$

1470.0

To Cor. No. 3

Identical with Cor. No. 3 Little grass lode of this survey corner described above and scribed

James 3-2561

Thence $N 77^{\circ} 40' E$

356.0

To n. w. center end of the location

710.0

To Cor. No. 4

A sawed pine post 4 ins. square 4 ft. long set 18 ins. in the ground in a mound of earth and stone scribed 4-2561

No bearing objects available

Thence $S 51^{\circ} 33' 50'' E$

1397.5

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

From the discovery ^{point} the presumed course of the vein is $N 54^{\circ} 55' W$ 1170.3 ft. and $S 54^{\circ} 55' E$ 300.0 ft.

The survey of this lode is identical with its location the corners of which were found in place.

Margaret Pillans lode Beginning at Cor. No. 1

Identical with Cor. No. 1 Little grass lode of this

Survey No. 2561

- Feet Survey corner described above and scribed same
1-2561 Whence
Old N. S. L. M. No. 2170
bears N 79° 34' E - 1960. 2 ft.
Thence N 53° 25' W
- 150.0 To Cor. No. 2
Identical with cor. No. 4
Little grass lodge of this
survey corner described
above and scribed same
2-2561
Thence S 7° 26' E
- 350.0 To Cor. No. 1 Blind Indian
lodge of this survey and
N. W. center and
of the location.
- 700.0 To Cor. No. 3
Identical with N. W. cor. of
the compromise area included
to Weston & Co., whence N. E. Cor. Compromise lodge.
bears S. 64° 52' 30" E. 1272.9 ft.
A sawed pine post 4 ins. square
4 ft. long set 18 ins. in the ground
in a mound of earth and
stone scribed 3-2561, Whence
The discovery a mound of rocks
bears N 5° 22' E. 295.4 ft.
No bearing objects available
Thence S 55° 09' 40" E
- 1414.1 To Cor. No. 4
Identical with cor. No. 4 Harts
Desire lodge of this survey corner
described above and scribed
same 4-2561
Thence N 9° 26' W
- 300.0 To N. E. Cor. of Compromise area
included to Weston & Co.
- 350.0 To S. E. Center End of the
location
- 435.7 To Cor. No. 1, the place of
beginning.

From the discovery point
 the presumed course of the vein is
 $S 55^{\circ} 09' 40'' E. 1364.1 \text{ ft.}$
 and $N 55^{\circ} 09' 40'' W 100. \text{ ft.}$

The survey of this lode is
 identical with its location
 the corners of which were
 found in place.

Variation at all corners
 of this survey is $14^{\circ} 40' E$

Areas

Total area of Iron giant lode 18.002 acs
 Less area in conflict with
 Sur. No. 2170 Clamma lode 0.884 acs
 18.002 "

Net area Iron giant lode 17.118 acs.
 Total area Margaret Pillans lode 16.975 "
 Less area in conflict with Compromise
 lode, unsurveyed, excluded to Denton Co. 3.609 acs.
 Net area Margaret Pillans lode 12.466 acs.
 Net area Iron giant lode 17.118 "
 Total and Net Area Heart's Desire lode 19.102 "
 Total and Net area Blind Indian lode 15.099 "
 Total and Net area Little Grass lode 17.513 "
 Total and Net area Little Mand lode 16.264 "
 Net area lode claim 97.562 acs.

Location

These claims are located
 approximately in the
 unsurveyed part of
 T. 7N, R. 19W.

Expenditure of Five Hundred Dollars.
 The discovery shaft of the Blind
 Indian lode is $4' \times 6'$, 50 ft.
 deep in solid rock br. N. $65^{\circ} 03' E. 402.6 \text{ ft.}$ from
 Cor. No. 3

No. 1

Survey No. 2561

Value \$500.⁰⁰
 No. 1 The discovery cut of the Heats
 Desire lode is 7 ft. long 5 ft. wide
 and 3 ft. deep in solid rock, br. N. 31° 32' W.
 793.2 ft. from Cor. No. 1, Value \$100.⁰⁰

No. 2 The discovery cut of the Little
 grace lode is 4 ft. wide
 x 6 ft. 6 ft. breast in earth
 and rock, br. N. 28° 36' W. 651.7 ft. from Cor. No. 1,

Value \$50.⁰⁰
 The discoveries of the
 Iron giant lode, Margaret
 Pillans lode and Little
 Maud lode are mounds
 of rocks built on the
 ledge where some
 mineral is exposed.
 These improvements will
 be returned, together
 with the balance of the
 improvements, not yet
 completed, required
 under the head of
 "Expenditure of Five Hundred
 Dollars" in a supplemental
 report at a later date.

Instrument

This survey was made
 with a Juley light
 mountain transit. The
 courses were deflected
 from the true meridian
 as determined by direct
 solar observations. The
 distances were measured
 with 100 ft. and 200 ft.
 Steel Tapes

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13

Survey No. 2170

Description of corners.
The U. S. L. M. No. 2170 is a small pine stake in a mound of rocks scribed U. S. L. M. 2170. Sur. No. 2170 claim E. side Cor. No. 2 could not be found and its position was established through its own connection to the U. S. L. M. No. 2170. The location corners were all small mounds of rocks.

Adjoining Claims.
The only adjoining claim to this survey is the ^{Compromised} reserved claim belonging to Hutton & Co which is excluded by the Margaret Pillans lode, on the south, and the Clemma E. lode, Sur. No. 2170 on the northeast.

Note: There being no officers duly qualified to administer oaths within a distance of at least fifty miles from the place of survey, I availed myself of the authority given me under such conditions by the rules and regulations of the General Land Office, Washington D. C. and administered the necessary oaths to my assistants.

(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 Arizona,
do hereby certify that Five Hundred Dollars' worth of labor has been expended or
improvements made by claimant or its grantors, upon the mining claim of
Pioche and Arizona Copper & Gold Mining Co.

known as the HEART'S DESIRE, IRON GIANT, BLIND INDIAN, LITTLE GRACE,
LITTLE MAUD and MARGARET PILLANS Lodes,
situate in Plomosa mining district,
Yuma County, Arizona
in Section _____, Township No. Approx. 7 N, Range No. 19 W. Unsurveyed;

that said improvements in addition to those reported at time of survey
consist of a shaft and workings therefrom, which bears from Cor. No. 1,
Margaret Pillans Lode, N. 73° 33' E., 352 feet, value, \$5790.
As this shaft is a common improvement for the benefit and development
of this entire group of six claims, an undivided 1-6 interest therein,
value \$965.00 is properly credited to each, the Hearts Desire, Iron
Giant, Blind Indian, Little Grace, Little Maud and Margaret Pillans
Lodes.

_____, 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
Chris C. Thompson, U. S. Deputy Mineral Surveyor, dated
August 13, 1910, is hereto attached.

Frank S. Ingalls,
U. S. Surveyor General for Arizona

Office of U. S. Surveyor General,
Phoenix, Arizona,
September 6, 1910.

AUG. 22 1910

SURVEY NO. 2561.

Supplemental Report.
EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improvements made upon, or for the benefit of, each of the locations embraced in said mining claim by the claimant or its grantors is not less than five hundred dollars, and that in addition to improvements returned in the field notes of this survey these additional improvements consist of:-

A vertical shaft which bears from Cor. No. 1, Margaret Pillans lode, N. 73° 33' E. 352.0 ft., 4½ x 9 ft. in the clear, 220 ft. deep, double compartment, timbered. A shaft, 4 x 6 ft., runs on an incline of 38° from the horizontal, N. 75° E. 36 ft. to point of intersection with the above described vertical shaft 22 ft. from its top. From a point 100 ft. below top of vertical shaft a crosscut, 3½ x 6 ft., runs S 69° 30' W. 103 ft.

Value of this entire improvement \$5790.00

The surface of this claim is gently rolling ground and in order to develop the entire claim through a common improvement the shaft was sunk at the point described with the intention of sinking to greater depth and at appropriate points to drive laterals through and into each lode of this claim.

An undivided one sixth interest, ^{value \$308,} in this improvement

is credited to each lode location of this claim, viz., Heart's Desire, Iron Giant, Blind Indian, Little Grace, Little Maud, Margaret Pillans,
By extending this improvement in the manner intended by the claimant and above described the entire claim may be developed with one plant of machinery in the most economical and miner-like manner.

AUG 23 1910
16

4-690.

Report of Expenditures upon Mining Claim, Filed by U. S. Mineral Surveyor after Return of Survey.

I, Chris C. Thompson, U. S. Mineral Surveyor, do solemnly swear that in pursuance of instructions received from the United States Surveyor-General for Arizona, dated August 13, 1910, 1900, I have made a personal and thorough examination upon the premises, to ascertain the value of the labor expended and improvements made by claimant or its grantors upon the mining claim of Pioche and Arizona Copper and Gold Mining Company, known as the Hearts Desire, Iron Giant, Blind Indian, Little Grace, Little Maud and Margaret Pillans, situate in Plomosa mining district, Yuma County, Arizona, in Section Unsurveyed Lands, Township No. 7 N., Range No. 18 W., G. S. R. M. examined, surveyed by me August 20, 1910, and designated as Survey No. 2561; that the value of the labor so expended and improvements so made are as fully stated in my report of said examination, hereto attached; that the character, extent, location, and itemized value of said improvements 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, and further that said improvements were made prior to the expiration of the period of publication of notice of application for patent.

Chris C. Thompson
U. S. Mineral Surveyor.

Subscribed and sworn to by said Chris C. Thompson

U. S. Mineral Surveyor, before me this 22

day of August, 1910

E. L. Short

Notary Public
In and for Yuma County Arizona
My Commission Expires Oct. 31 1911.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by W. Percy Browne

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.....

Pioche & Arizona Copper & Gold Mining Co.

known as the Heart's Desire, Iron Giant, Blind Indian, Little Grace, Little Maud & Margaret Pillions

and showing the respective capacities in which they acted.

....., Chainman.
A. J. Maloy....., Chainman.
J. W. Stillman....., Axman.
....., Flagman.

FINAL OATHS OF ASSISTANTS.

We, A. J. Maloy
and J. W. Stillman....., do solemnly swear that we assisted.....

W. Percy Browne, United States Deputy Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of Pioche & Arizona Copper & Gold Mining Co.

known as the Heart's Desire, Iron Giant, Blind Indian, Little Grace & Little Maud & Margaret Pillions

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.....

....., Chainman.
A. J. Maloy....., Chainman.
J. W. Stillman....., Axman.
....., Flagman.

Subscribed and sworn to by the above-named persons before me this 13th

day of July....., 1908

W. Percy Browne
U. S. Min. Surveyor

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, N. Percy Browne, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
July 10th 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 Pioche & Arizona Copper & Gold Mining Co.
Hearts Desire, Iron Giant, Blind Indian, Little Grace, known as the
Little Grand & Margaret Pillans
situate in Plumosa Mining District,
Yuma County, _____, in Section
_____, Township No. Approx. 7N, Range No. 19 2^d West,
and designated as Survey No. 2561, as represented
in the foregoing field notes, which accurately show the boundaries of said mining claim
as distinctly marked by monuments on the ground, and described in the attached copy
of the location certificate, which was received by me from the Surveyor General with
said instructions, and that all the corners of said survey have been established and per-
petuated in strict accordance with the law, official regulations and instructions there-
under; and I do further solemnly swear that the foregoing are the true and original
field notes of said survey and my report therein, and that the labor expended and
improvements made upon said mining claim by claimant or its grantors
are as therein fully stated, and that the character, extent, location, and itemized value
thereof are specified therein with particularity and full detail, and that no portion of
said labor or improvements so credited to this claim has been included in the estimate
of expenditures upon any other claim.

N. Percy Browne
U. S. Mineral Surveyor.

Subscribed and sworn to by the said N. Percy Browne
U. S. Mineral Surveyor, before me Clerk of the U. S. District
Court Dist of Utah this 15
day of October, 1908

Jerrold B. Letcher
Clerk U. S. Dist Court
Dist Utah

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Hearts' Desire 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 Vernon M. Deane a citizen of the U.S.

(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 1 day of Jan 1907

The length of this claim is 1500 feet, and 1 claim 750 feet, in a southeasterly direction and 150 feet in a northwesterly 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 southeasterly to the northwesterly

The claim is situated and located in the Pima Mining District, in Juma County, in the Territory of Arizona, about 5 miles in a southwest direction from Boase and the and a quarter miles from Boase, Camp Wellington

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

at a point in a southeast direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the southeast end line of said claim; thence 300 feet to a monument, being the southeast corner of said claim; thence 1500 feet to a monument, being at the northwest corner of said claim; thence 300 feet to a monument at the center of the northwest end of said claim; thence 300 feet to a monument, being at the northwest corner of said claim; thence 1500 feet to a monument at the northwest corner of said claim; thence 300 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 1 day of Jan 1907

Witnesses

R. Mac Mahon
Vernon M. Deane
James York

TERRITORY OF ARIZONA,
County of Yuma } ss.

I, J. M. Polhamus, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9:37 o'clock, 9 M., on this 18 day of Mar 1907 and duly recorded in Book No. 5 of mines Records of Yuma County, Arizona, at pages 418

WITNESS my hand and official seal the (day and year first above written.

J. M. Polhamus
County Recorder.

INDEXED
815 COMPARED

Notice of Location

LODE CLAIM

Hearto Stone

Dated 1907

Filed and Recorded at request of

Vincent Downing

MAR 18 1907

A. D. 190

at 9:37 A. M.

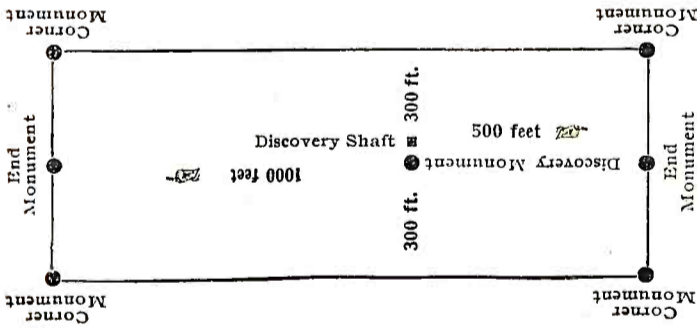
Book U of mine

Pages 418

J. M. Polhamus
County Recorder.

By _____
Deputy Recorder.

V. Downing



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.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Iron Grant 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 Vincent M. Devine a citizen of the U.S.

(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 1 day of January 1901

The length of this claim is 1500 feet, and 300 claim in a southeasterly direction and 1200 feet in a northwesterly 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 Southeasterly to the Northwesterly

The claim is situated and located in the Planosa Mining District, in Yuma County, in the Territory of Arizona, about 5 miles in a southwest direction from Bouse and about one mile from Camp Wellington

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

a monument of stone at a point in a southeast direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the southeast end line of said claim; thence 300 ~~northwest~~ feet to a monument of stone, being the southeast corner of said claim; thence 1500 feet to a monument, being at the northeast corner of said claim; thence 300 feet to a monument at the center of the northwest end of said claim; thence 300 feet to a monument, being at the northwest corner of said claim; thence 1500 feet to a monument at the southwest corner of said claim; thence 300 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 1 day of January 1901

Witnesses

R. Max Mahan

Vincent M. Devine

Samuel York

TERRITORY OF ARIZONA,

County of Yuma ss.

I, Joseph P. Cochran, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9:37 o'clock, 9 M., on this 18 day of March 1907, and duly recorded in Book No. 5 of Mines Records of Yuma County, Arizona, at pages 419.

WITNESS my hand and official seal the day and year first above written.

Joseph P. Cochran
County Recorder.

INDEXED

816 COMPARED

Notice of Location

LODE CLAIM

San Grant

Dated 1907

Filed and Recorded at request of

Wright Deving

MAR 18 1907 A. D. 190

at 9:37 A. M.

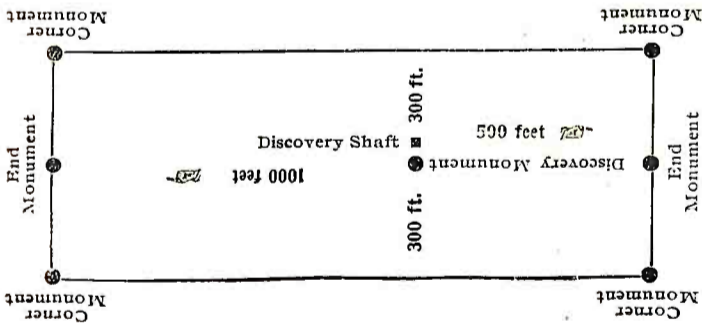
Book 5 of Mines

Pages 419

Joseph P. Cochran
County Recorder.

By Deputy Recorder.

Wenderson



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.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Blind Indian 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 Vincent M. Deane a citizen of the U. S.

(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 2 day of Jan 1907

The length of this claim is 1500 feet, and 1 claim 750 feet, in a southeasterly direction and 750 ~~northwesterly~~ feet in a northwesterly 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 southeasterly to the northwesterly

The claim is situated and located in the Pima Mining District, in Pima County, in the Territory of Arizona, about 5 miles in a southwest direction from Bouse and one and one half miles from Camp Wellington

The surface boundaries of the claim are marked upon the ground as follows: Beginning at a monument of stone at a point in a southeast direction 750 feet from the discovery shaft (at which this notice is posted), being in the center of the southeast end line of said claim; thence 300 feet to a monument, being the southeast corner of said claim; thence 1500 feet to a monument, being at the northeast corner of said claim; thence 300 feet to a monument at the center of the northwest end of said claim; thence 300 feet to a monument, being at the northwest corner of said claim; thence 1500 feet to a monument at the southwest corner of said claim; thence 300 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 2 day of January 1907

Witnesses
R. Mac Mahan
Sam York
Vincent M. Deane

TERRITORY OF ARIZONA,
County of Yuma } ss.

I, J. M. Polhamus, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9:37 o'clock, A. M., on this 18 day of Mar, 1907, and duly recorded in Book No. U of Mines Records of Yuma County, Arizona, at pages 417.

WITNESS my hand and official seal the day and year first above written.

J. M. Polhamus
County Recorder.

INDIVID

~~814~~ COMPARED

Notice of Location

LODE CLAIM

Blind Indian

Dated 1907

Filed and Recorded at request of

Vicent Sewing

MAR 18 1907 A. D. 190

at 9:37 A M.

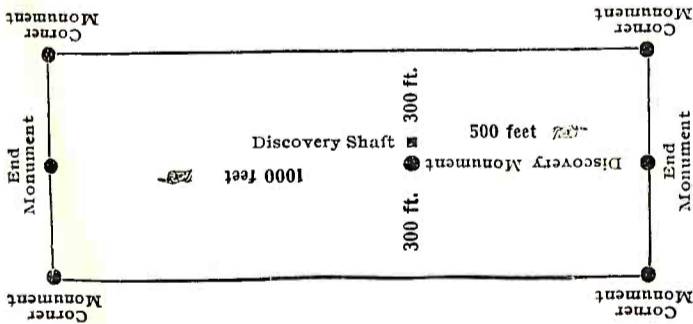
Book U of Mines

Pages 417

J. M. Polhamus
County Recorder.

By _____
Deputy Recorder.

Blind Indian



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.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Little Bruce 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 B Harmon

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 20 day of Sept 1907

The length of this claim is 1500 feet,
and ~~claim~~ 300 feet,
in an Eastward direction and 1200
feet in a Westward 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 Bronx Mining District, in Yuma County, in the Territory of Arizona, about 5 miles in a Westward direction from Bronx Station on the A & C Ry

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

at a point in an Eastward direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence 300 feet to a monument, being the NE corner of said claim; thence 1500 feet to a monument, being at the NW corner of said claim; thence 300 feet to a monument at the center of the West end of said claim; thence 300 feet to a monument, being at the SW corner of said claim; thence 1500 feet to a monument at the NE ^(Should be S.E.) corner of said claim; thence 300 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 20 day of Sept 1907

H B Harmon

TERRITORY OF ARIZONA,
County of Yuma } ss.

I, J. M. Polhamus, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 9⁰⁵ o'clock, AM, on this 21 day of Oct, 1907, and duly recorded in Book No. W of Mines Records of Yuma County, Arizona, at pages 560.

WITNESS my hand and official seal the day and year first above written.

J. M. Polhamus
County Recorder.

INDEXED
26/6

Notice of Location

LODE CLAIM

5th Prec

Dated 1907

Filed and Recorded at request of

H. B. Hanna

Oct. 21 - A. D. 1907

at 9010A M.

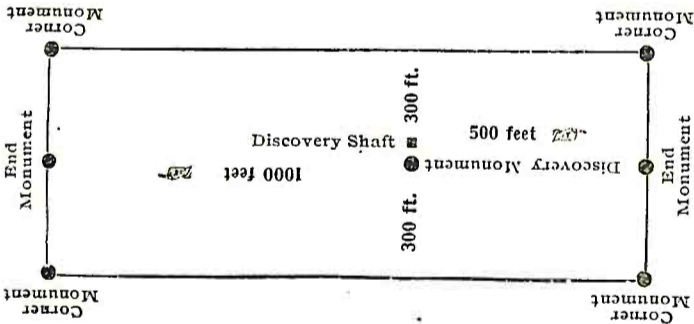
Book W of Mines

Pages 560

J. M. Polhamus
County Recorder.

By Deputy Recorder.

Wendell, Ariz.



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.

Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the Little Grand 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. B. Hamner

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 20 day of April 1907

The length of this claim is 1500 feet, and 2 claim 300 feet, in a northerly direction and 1200 feet in a westerly direction from

the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together with 200 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 Bowen Mining District, in Yuma County, in the Territory of Arizona, about 1/2 mile in a westerly direction from Station on the A.C. Co.

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

at a point in a northerly direction 300 feet from the discovery shaft (at which this notice is posted), being in the center of the East end line of said claim; thence 300 feet to a monument, being the NE corner of said claim; thence 1500 feet to a monument, being at the NW corner of said claim; thence 300 feet to a monument at the center of the West end of said claim; thence 300 feet to a monument, being at the SW corner of said claim; thence 1500 feet to a monument at the SE corner of said claim; thence 300 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 20 day of April 1907
H. B. Hamner

TERRITORY OF ARIZONA, } ss.
 County of Yuma
 I, J. M. Palhamus, County Recorder in and for the County and
 Territory aforesaid, do hereby certify that the within instrument was filed for record at 9 o'clock o'clock, AM
 on this 21 day of Oct 1907 and duly recorded in Book No. 20
 of Mines Records of Yuma County, Arizona, at pages 666.

WITNESS my hand and official seal the day and year first above written.

J. M. Palhamus
 County Recorder.

INDEXED

Notice of Location

LODE CLAIM

Little Hand

Dated 1907

Filed and Recorded at request of

H. B. Hanna

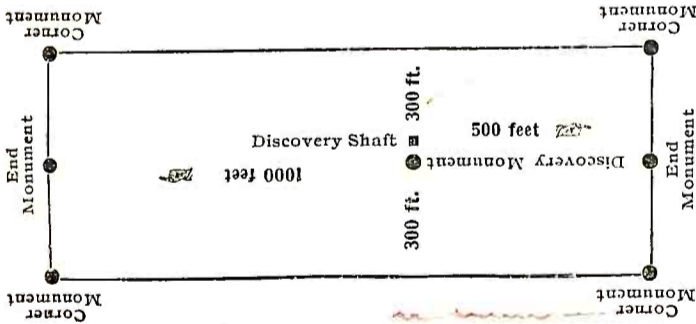
at Oct. 21 - A. D. 1907
901 W. M.

Book W of Mines

Pages 566

J. M. Palhamus
 County Recorder.

By J. M. Palhamus
 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.

NOTICE OF MINING LOCATION.

LODE CLAIM.

No. 279

TO ALL WHOM IT MAY CONCERN:

This Mining Claim the name of which is the MARGARET PILLANS 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 William Llyod, a citizen of the United States the undersigned, on the 16th, day of November 1907.

The length of this claim is 1500 feet and 1 claim 1400 feet in an Easterly direction, and 100 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 Bouse Mining District in Yuma County, in the Territory of Arizona, about 5 miles in a westerly direction from Bouse and lies south and adjoins and parallels the Little Grace 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 Westerly direction 100 feet from the discovery shaft (~~at which this notice is posted~~), being in the center of the West end line of said claim; thence 300 feet to a monument of stones, being the Southwest corner of said claim; thence 1500 feet to a monument of stones being at the Southwest corner of said claim; thence 300 feet to a monument of stones at the center of the East end of said claim; thence 300 feet to a monument, being at the South East corner of said claim; thence 1500 feet to a monument at the North West corner of said claim; thence 300 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 an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona" approved March 16th, 1901.

Dated and posted on the ground this 16th day of November 1907.

Witness William Lloyd.

H.B.Hanna.

Filed for record at request of H.B.Hanna, Feb. 5th, 1908, at
1:00 P.M.

J.M.Polhamus.

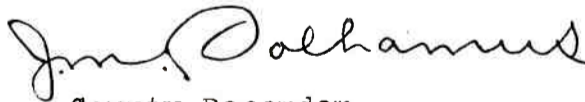
County Recorder.

Recorded in Book "Y" of Mines at Page 130.

Territory of Arizona)
County of Yuma,) ss.

I, J.M.Polhamus, County Recorder in and for the County and Territory aforesaid, do hereby certify that the foregoing is a true, full and correct copy of the location known as the **MARGARET PILLANS** Mining claim as filed for record in my office on the 5th, day of February A.D. 1908, at 1:00 P.M. and as appears of record in book "Y" of Mines at Page 130 records of Yuma County, Arizona.

In Witness Whereof, I have hereunto set my hand and affixed my seal of office this 9th, day of July A.D. 1908.



County Recorder.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 2, 1909.

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

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of Pioche & Arizona Copper & Gold Mining Co.

known as the Heart's Desire, Iron Giant, Blind Indian, Little Grace, Little Maud & Margaret Pillans. Plumosa

situate in Mining District, Yuma County, Arizona

in Section APPROX., Township No. 7 N., Range No. 19 W., Unsur., and

designated as Survey No. 2561, 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 less than five hundred dollars' worth of labor has been expended or improvements made upon each of said mining claims by claimant or its grantors, and that said improvements consist of, at time of survey, 1 shaft and 2 cuts, total value \$650.00

and that no portion of said labor or improvements has been included in the estimate of expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix, Arizona is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor-General for Arizona.

SURVEYOR-GENERAL'S CERTIFICATE OF APPROVAL OF FIELD NOTES AND SURVEY OF MINING CLAIM.

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

April 2, 1909.

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

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of Pioche & Arizona Copper & Gold Mining Co.

known as the Heart's Desire, Iron Giant, Blind Indian, Little Grace, Little Maud & Margaret Pillans.

situate in Plumosa mining district,

Yuma County, Arizona,

in Section APPROX., Township No. 7 N., Range No. 19 W., Unsur.

designated as Survey No. 2561

executed by N. Percy Browne, U. S. Deputy Mineral

Surveyor, July 12th -- 13th, 1908, under my instructions dated

July 10th, 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.

Handwritten signature of Frank A. Lygall

U. S. Surveyor-General for Arizona