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*Confirmed by court
12/17/04*

DEC 16 1904
*Examined by J.B.
12/16/04*

(4-683.)

Mineral Survey No. 1998

Lot No.

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ben Heney

KNOWN AS THE

Pandora

Pima Mining District,

Pima County, Arizona

Section 12, Township 18 S, Range 12 E

Surveyed under instructions dated October 15th, 1904

by Philip Contzen
U. S. Deputy Mineral Surveyor.

Claim located June 12 1899

Survey commenced December 7th, 1904

Survey completed December 8th, 1904

o 6-160

Address Ben Heney, Esq.,

Fairbank, Arizona.

*Area + witness QTB
Dec. 16. 1904.*

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, James Bryan Poley and William Morris, 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 Ben Heney

known as the Pandora situate in Pima mining district Pima County, Arizona in Section 12, Township No. 18 N, Range No. 12 E

James Bryan Poley, Chairman.
William Morris, Chairman.

Subscribed and sworn to by the above-named persons before me this 6th day of December, 1904
H. G. Power
NOTARY PUBLIC,
PIMA COUNTY, ARIZONA
MY COMMISSION EXPIRES April 27th 1908

I, Walter Percival, 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 Ben Heney

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

Walter Percival, Axman.

Subscribed and sworn to by the said Walter Percival before me this 6th day of December, 1904
H. G. Power
NOTARY PUBLIC,
PIMA COUNTY, ARIZONA
MY COMMISSION EXPIRES April 27th 1908

I, James A. Sheridan, 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 Ben Heney

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

James A. Sheridan, Flagman.

Subscribed and sworn to by the said James A. Sheridan before me this 6th day of December, 1904
H. G. Power
NOTARY PUBLIC,
PIMA COUNTY, ARIZONA
MY COMMISSION EXPIRES April 27th 1908

— 1 —

Survey No 1998

Pandora Lode

Beginning at Cor. No 1,

Identical with N.E. cor. of the location, which is a mound of stone 3 ft. base, 2 1/2 ft. high.

A sandstone 30x10x10 ins., set 16 ins. in the ground, chiseled 1-1998 P, whence A cross (x) and B.R. 1-1998, chiseled on a limestone ledge, showing 10x3x1 ft above the general surface, bears N 20° 40' E. 32 ft.

A catchaw tree, 6 ins. in diam. bears N 5 1/2° W. 69.7 ft., marked 1-1998 B.T.

1/4 sec. cor. bet. secs. 1 and 12 of T. 18 S. R. 12 E. bears N 40° 38' W. 634.5 ft.

from Contzen
letter June 1, 1905 report
the 734.5 ft.

Thence N 6° 35' W

To 12° 45' E.

300

East End center monument.

Identical with the location, which is a mound of stone 3 ft. base 2 1/2 ft. high.

600

To Cor. No 2,

Identical with the location, which is a mound of stone 3 ft. base, 1 1/2 ft. high

A sand stone 30x12x7 ins., set 16 ins. in the ground, chiseled 2-1998 P, whence

A mesquite tree 12 ins. diam. bears N 55° W 223.4 ft.

A mesquite tree 12 ins. diam bears N 33 3/4° W - 161.7 ft.

Both trees marked 2-1998 B.T.

Thence N 83° 25' W

To 12° 45' E

480

Wash 5 ft. wide, course N.E.

620

South Side line monument.

1500 Identical with the location,
 which is a mound of stone
 3 ft. base, 2 1/2 ft. high
 To Cor. No 3
 A sandstone 30 x 10 x 10 ins. set 16 ins.
 in the ground, chiseled 3-1998 P.
 whence
 Old location monument, which
 is a mound of stone 3 ft. base
 1 1/2 ft. high, bears S 29° W 88 ft.
 A cross (x) and B.R. 3-1998 chiseled
 on boulder in place, showing 18 x 18 x 18
 ins. above the general surface
 Shihell peak bears S 15° 32' E.

Thence N 6° 35' E.

N 12° 45' E

300 West end center monument,
 Identical with the location,
 which is a mound of stone
 3 ft. base, 2 1/2 ft. high

600 To Cor. No 11
 Identical with location,
 which is scattered mound of stone
 A quartzite stone, 30 x 8 x 7 ins., set
 16 ins. in the ground, chiseled
 4-1998 P, whence
 East Twin Butte bears N 41° 45' E.
 Helmet Peak bears N 4° W.

Thence S 83° 25' E

N 12° 45' E

506' North Sideline monument
 Identical with location, which
 is a mound of stone 3 ft. base
 2 1/2 ft. high

1085 Wash 7 ft. wide, course S. E.

1450 Wash 5 ft wide, course N. E.

1500 To Cor. No 1, the place of
 beginning.

Area - - - - - 20.66 Acres

Location

This claim is located in Sec. 12 - T. 18 N. R. 12 E. - Pima Mining District, Pima Co. Arizona.

Course of Vein

The presumed course of vein is from the East end center to the West end center $N 83^{\circ} 25' W$ 1500 ft.

Adjoining claims

This claim is bounded on the North by the Morocco lode James A. Sheridan owner, Senator Morgan No. 2 lode, Twin Buttes Mining and Smelting Co. owners; on the East by the Reliance lode Michael Irish owner, and the Olympia lode, Alex. Rossi owner; and on the West by the Fairbanks lode, Ben Haney, owner.

Expenditure of Five Hundred Dollars

I certify that the value of the labor and improvements upon this claim placed thereon by the claimants and their grantors is not less than five hundred dollars, and that said improvements consist of:

From Cor. 101:

Discovery Shaft
101, 4 x 5 ft, 80 ft. Deep, bears
 $S 79\frac{1}{2}^{\circ} W - 934$ ft.

Value \$ 700.⁰⁰

Instrument

This survey was made with a Young and Sons Light Mountain Transit with Smiths Solar Attachment. The courses were deflected from the true meridian as determined by direct solar observations and checked by meridian determined by Polaris observation. The distances were measured with a 100 ft. steel tape.

Polaris Observation

At Cor. 1101 and at 2^h 12^m A.M. l. m. t. Dec. 7th 1904, I observed Polaris at Western Elongation and marked the line by an iron rod 300 ft N. of cor. - At 7 A.M. I deflected azimuth of 1° 25' to the East and established meridian, and marked same by an iron bolt driven in the ground. Thence I deflected lines of survey from this meridian and checked Solar on same

Philip Coulter
U. S. Deputy Mineral Surveyor

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Philip Couper
 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 Ben
Henry
 known as the Pandora
 and showing the respective capacities in which they acted.

James Bryan Boley Chainman.
William Morris, Chainman.
Walter Percival, Arman.
James G. Sheridan Flagman.

FINAL OATHS OF ASSISTANTS.

We, James Bryan Boley, William Morris, Walter Percival
 and James G. Sheridan, do solemnly swear that we assisted Philip
Couper, United States Deputy Mineral Surveyor, in marking the corners and surveying
 the boundaries of the mining claim of Ben Henry
 known as the Pandora
 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

James Bryan Boley, Chainman.
William Morris, Chainman.
Walter Percival, Arman.
James A. Sheridan, Flagman.

Subscribed and sworn to by the above-named persons before me this 9th

day of December, 1904

H. G. Power

NOTARY PUBLIC,
 PIMA COUNTY, ARIZONA
 MY COMMISSION EXPIRES
April 27th 1908

(4-686.)

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Philip Coulter, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated October 15th 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 Ben Heney, known as the Prudora, situate in Pima Mining District, Pima County, Arizona, in Section 12, Township No. 18 S., Range No. 12 E and designated as Survey No. 1998, 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.

Philip Coulter
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Philip Coulter
U. S. Deputy Mineral Surveyor, before me
this 9th
day of December 1904.

W. G. Power
NOTARY PUBLIC,
PIMA COUNTY, ARIZONA
MY COMMISSION EXPIRES
April 27th 1908

Affidavit of Five Hundred Dollars Improvements.

We, *James Bryan Boley*, and *Walter Percival*

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

are acquainted with the *Pandora* mining claim,

situate in *Pima* Mining district, *Pima* County,

Arizona Territory, for which *Bess Honey*

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.

James Bryan Boley

Walter Percival

TERRITORY OF ARIZONA,

County of *Pima* } ss:
December 9th 1904

Sworn to and subscribed before me, this *9th*

day of *December*, 190*4*

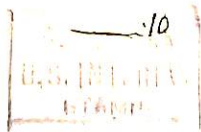


W. G. Power

NOTARY PUBLIC,
PIMA COUNTY, ARIZONA

MY COMMISSION EXPIRES
April 27th 1908

situated 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 Leandro Ruiz, the undersigned, on the 11th day of December 1899. The length of this claim is 1500 feet, and I claim 750 feet in an easterly direction and 750 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 Pima Mining District, in Pima County, in the Territory of Arizona, one mile southwesterly from the Twin Buttes, Hoffmann Camp, and about 6 miles westerly from Proctor's Ranch, on the Santa Cruz River. 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 750 feet from the discovery shaft, at which this notice is posted, being in the center of the west end line of said claim; thence northerly 300 feet to a monument of stones, being the northwest corner of claim; thence easterly 750 feet to a monu-



Pandora Mining Claim:

Amended Certificate of Location of the Pandora Mining Claim.

The undersigned purchaser of the Pandora Mining Claim, situate in the Pima Mining District, Pima County, Arizona Territory, have learned that the original certificate of location, of said claim dated the 12th day of June 1899, and filed and recorded in the office of the County Recorder, of Pima County, Arizona, on the 9th day of September 1899, in Book 9.9. Records of mines, at page 452, by Nestor Vasquez is defective in certain particulars.

Now, therefore, the said purchaser, having purchased the said mining claim from the locator, Nestor Vasquez, by deed dated November 8th 1899, and recorded November 8th 1899, in Book 23 Deed of mines, at page 125, in the office of the County Recorder of Pima County, Arizona, and in accordance with the provisions of an act of the Legislative Assembly of the Territory of Arizona, approved March 2nd 1889, entitled an Act to Amend, an Act entitled An Act concerning mines, being Act. No. 42 of the 18th Legislative Assembly of the Territory of Arizona, approved March 20th 1895, and in accordance with the acts of Congress in relation to mining claims, hereby amends said original certificate or notice of location of said mining claim to-wit:

To all whom It may concern: This mining claim, the name of which is the Pandora Mining Claim,

Territory of Arizona, }
 County of Pima. } ss.

I, *Chas. A. Stibell* County Recorder in and for the County of

Pima, do hereby certify that the above and foregoing is a full, true and correct copy *of the Amended*
Location notice of the Pandora mining claim, in Pima Min-
ing District, Pima County, A.T. dated and posted on the
11th day of December 1899

as appears of Record now in my office in Book *99 Records of Mines* Pages *606 et seq.*

In Witness Whereof, I have hereunto set my hand and affixed my
 official seal, at my office in Tucson, this *16th* day
 of *September* A. D. 19*04*

Chas. A. Stibell
 County Recorder of Pima County, Arizona.

of stones, being the center of the north side line of said claim; thence easterly 750 feet to a monument of stones, being the northeast corner of said claim; thence southerly 300 feet to a monument of stones, being the center of the east end line of said claim; thence southerly 300 feet to a monument of stones being the southeast corner of said claim; thence westerly 750 feet to a monument of stones being the center of the south side line of said claim; thence westerly 750 feet to a monument of stones being the southwest corner of said claim; thence northerly 300 feet to the place of beginning. All done under the provisions of Chapter 6 of Title 32 of the Revised Statutes of the United States and of an act of the General Assembly of Arizona, entitled An Act concerning mines, approved March 20, 1895 and amended March 2, 1899.

Dated and posted on the ground this 11th day of December 1899.

Witness

Lautaro Roca.

Leandro Ruiz

Filed and recorded at request of Lautaro Roca, Dec. 13th. 1899 @ 2⁰⁰ P.M.

Chas. J. Bell

County Recorder

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.

January 14, 1905

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 Ben Heney.

known as the Pandora.

situate in Pima, Mining District, Pima County, Arizona.

in Section 12, Township No. 18 S., Range No. 12 E., designated as Survey No. 1998.

executed by Philip Contzen, U. S. Deputy Mineral Surveyor, Dec. 7th -- 8th 1904., 190., under my instructions dated Oct. 15th 1904., 190., 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 S. Galloway

U. S. Surveyor-General for Arizona.

