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LOT NO. 38 A & B.....

SURVEY NO. 771.....

Field Notes

of the survey of the

Brown Brothers Mine

Crystal Springs and Brown Brothers mill-site

Situate in Brown Mining district

County of Maricopa and in Sec. \_\_\_\_\_, Tp. 7 N

Range 1 E, of the Gila and Salt River Meridian.

ARIZONA.

Claimed by Herbert N. Logan

Survey executed by Thomas W Hine D. S.

Under instructions dated July 26<sup>th</sup> 1886

Survey commenced July 31<sup>st</sup> 1886

Survey completed July 31<sup>st</sup> 1886

# PRELIMINARY OATHS,

FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

We, John Beck and Joseph Frazer  
do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the  
chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that  
we will report the true distance to all notable objects, and the true lengths of all lines that we assist in  
measuring, to the best of our skill and ability.

John Beck  
Joseph Frazer

SWORN to and subscribed before me, this 29<sup>th</sup> day  
of July 1886

Jerry Millay  
Notary Public

I, Joseph Frazer  
do solemnly swear that I will well and truly perform the duties of Flagman  
according to instructions given me,  
to the best of my skill and ability.

Joseph Frazer

SWORN to and subscribed before me, this 29<sup>th</sup> day  
of July 1886

Jerry Millay  
Notary Public

Fut

Field Notes  
 of the Survey of the  
 Brown Brothers Mining Claim  
 in the Brown Mining District  
 Maricopa County Arizona  
 Claimed by Herbert H. Ryan  
 Surveyed by Thomas M. Stone  
 U.S. Deputy Mineral Surveyor  
 under instructions from the  
 Surveyor General of date of July 26-1886

Survey Commenced July 30<sup>th</sup> 1886  
 " Completed " 31<sup>st</sup> 1886

Description of Survey.  
 Beginning at the initial  
 monument mentioned in the  
 amended location notice and  
 marking the southerly end  
 center of claim where I set  
 a granite 24x10x8 ins 1ft in  
 the ground and built alongside  
 a monument of stones  
 Stone marked B.B. No 1  
 U.S. Min. Mon. No 2 Brown Mining  
 District Bears S 90° 37' E dist  
 203. ft.  
 A pine 18 in in diameter  
 Bloyd. marked B.B. Bears  
 S 85° 0' E dist 18 ft.

Thence S 53° 50' E  
 Var 14° - 15' E

300

To loc. now when I set a  
 granite stone 21x10x7 ins 1ft in  
 the ground and built alongside  
 a monument of stones  
 Stone marked B.B. No 2.

Thence N 36° - 10' E  
 Var 14° - 15' E

1500

To loc now when I set a  
 granite 19x10x7 ins and built

400

alongside a monument of  
stones.

Stone marked B.B. No 3.

Thence  $N 53^{\circ}-58' W$   
Var  $14^{\circ}-15' E$

300

To loc now when I set a  
granite stone  $23 \times 10 \times 9$  ins  
1 ft in the ground and built  
alongside a monument of  
stones.

Stone marked B.B. No 4

Thence  $N 53^{\circ}-58' W$  (same course)  
Var  $14^{\circ}-15' E$

120

Bot of gulch Bears  $N 41^{\circ}-0' E$

300

To loc now when I set a  
granite  $26 \times 10 \times 9$  ins 1 ft  
in the ground and built  
alongside a monument of  
stones.

Stone marked B.B. No 5

Thence  $S 36^{\circ}-10' W$   
Var  $14^{\circ}-15' E$

1500

To loc now when I set a  
granite  $21 \times 9 \times 6$  ins 1 ft  
in the ground and built  
alongside a monument of  
stones.

Stone marked B.B. No 6

Thence  $S 53^{\circ}-58' E$   
Var  $14^{\circ}-15' E$

300

To B.B. No 1 place of beginning.

Area

Total net Area

20.66 Acres.

Location

This claim is located on  
unsurveyed land on the  
Northern slope of Reno Mountain

Fert

about 14 miles from old  
Camp Reno and eight miles  
from Sun Flower Valley.

Improvements  
made upon this claim by  
claimants or grantors.

From B B No 1

N 36°-10' E

560

Commencement of open cut  
12 ft wide and 15 ft deep

585

End of cut

606

Shaft 4 X 6 X 45 ft deep

924

" 4 X 6 X 7 " "

1000

" 4 X 6 X 15 " "

1080

Commencement of cut  
12 ft wide and 8 ft deep  
along line of ledge.

1220

End of cut

From B B No 4

S 70°-38' W

285

Face of Tunnel 5 X 7 X 120 ft  
From B B No 4

S 81°-32' W

228.5

SE corner of cabin 12 X 14 ft

I hereby certify that the value  
of said improvements exceeds  
the sum of five hundred  
dollars.

There have been no improvements  
made by other parties

Instruments used a Gurley  
Solar transit & steel chain  
Var courses taken by use  
of solar apparatus.

Thomas White

U. S. Deputy Mineral Surveyor.

Phoenix Ariz. Aug 10 - 1886.

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, John Beck and Joseph Traver  
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the  
Brown Brothers  
mining claim, situated in Brown  
Mining District, Maricopa County, Arizona  
Territory, for which Herbert H. Royce and  
he 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 appli-  
cant and his grantor s exceed Five Hundred Dollars in value, and further that we are not per-  
sonally interested in said mine.

John Beck  
Joseph Traver

TERRITORY OF ARIZONA,  
County of Maricopa } SS.

SWORN to and subscribed before me, this 10<sup>th</sup> day  
of August 1886

Jerry Millay  
Notary Public

FINAL OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

A LIST of names of individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field-notes of the survey of The Brown Brothers Mining Claim located in Brown Mining District, Maricopa County, Arizona, showing the respective capacities in which they acted.

John Beck Chainman.  
Joseph Frazer Chainman.  
Joseph Frazer Axeman.  
Joseph Frazer Flagman.

WE hereby certify that we assisted Thomas White U. S. Deputy Surveyor, in surveying The Brown Brothers Mining Claim claimed by Herbert H. Ragan located in Brown Mining District, Maricopa County, and in Township No.      Range No.      of the Gila and Salt River base and meridian, Arizona, and that said survey has been in all respects, to the best of my knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

John Beck Chainman.  
Joseph Frazer Chainman.  
Joseph Frazer Axeman.  
Joseph Frazer Flagman.

SWORN TO AND SUBSCRIBED before me this 10th day of August 1886

Jerry Millay  
Notary Public

I, Thomas White U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor General for Arizona, bearing date the 26th day of July 1886, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions Brown Brothers Mining Claim claimed by Herbert H. Ragan located in Brown Mining District, Maricopa County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my instructions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field-notes of such surveys.

Thomas White Deputy Surveyor.

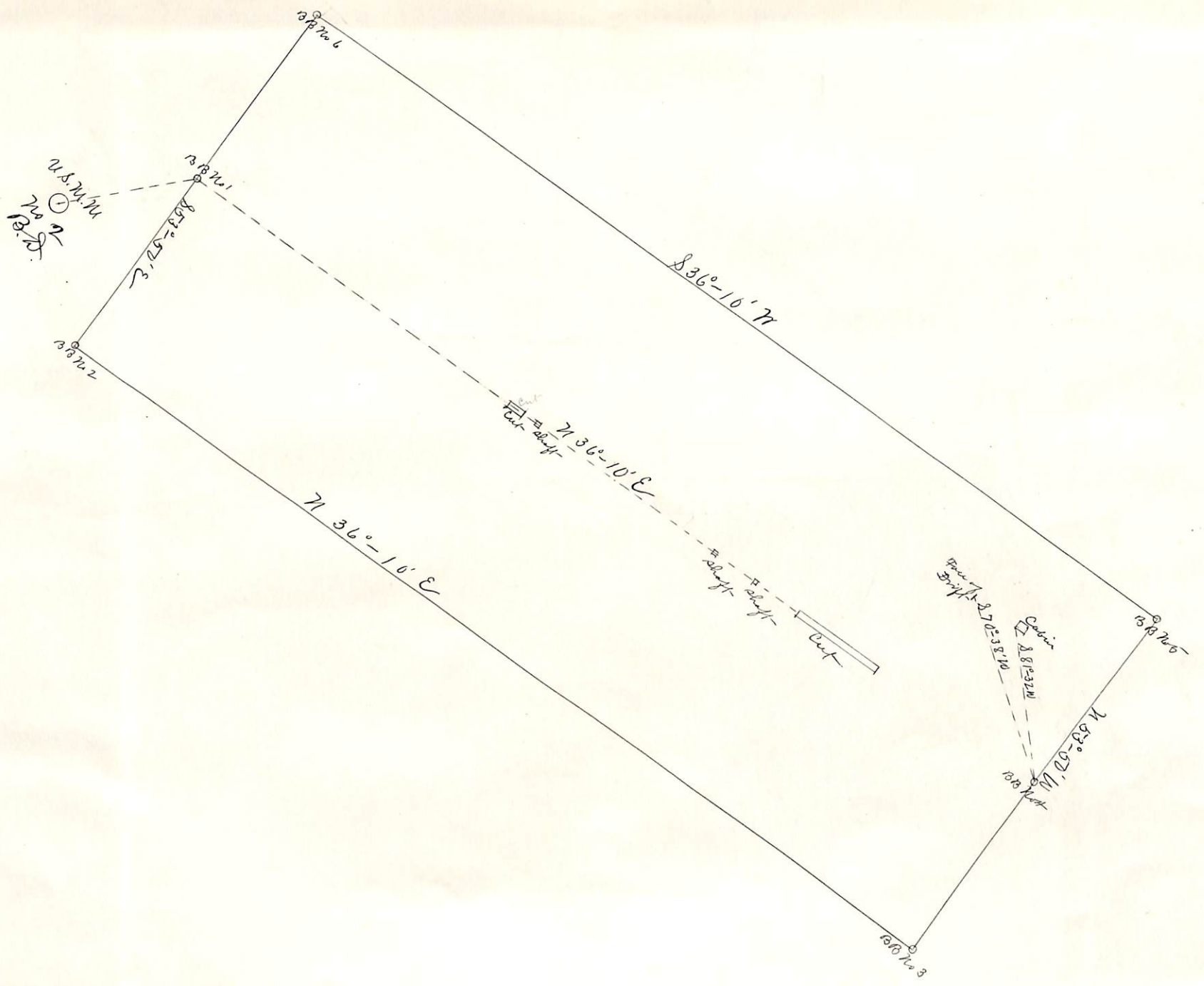
SWORN TO AND SUBSCRIBED before me this 10th day of August 1886

Jerry Millay  
Notary Public





Brown Brothers Mining Claim  
 Lot No 37



Shamus McKinn  
 No 8 part, Min Surveyor.

Scale 300 ft = 1 inch

## U. S. Surveyor-General's Office.

Tucson, Arizona, *August 21<sup>st</sup>* 1886.

The foregoing Field Notes of the survey of the

*Brown Brothers Mining claim*  
situate in the *Brown* mining district, *Maricopa*  
County, Arizona, claimed by *Herbert H. Logan*.

survey executed by *Thomas W. Hine*, Deputy  
Surveyor, under instructions from this office, having been critically  
examined and the necessary corrections and alterations made, the said  
Field Notes and the survey they describe are hereby approved.

*John Hise*  
Surveyor General.

# PRELIMINARY OATHS,

FOR SURVEYS OF MINING CLAIMS AND MILL-SITES.

We, John Beck and Joseph Traver

do solemnly swear that we will faithfully execute the duties of Chain Carriers; that we will level the chain upon uneven ground, and plumb the tally pins, whether by sticking or dropping the same; that we will report the true distance to all notable objects, and the true lengths of all lines that we assist in measuring, to the best of our skill and ability.

John Beck  
Joseph Traver

SWORN to and subscribed before me, this 28<sup>th</sup> day  
of July 1886

Jerry Millay  
Notary Public

I, Joseph Traver

do solemnly swear that I will well and truly perform the duties of Flagman  
according to instructions given me,  
to the best of my skill and ability.

Joseph Traver

SWORN to and subscribed before me, this 28<sup>th</sup> day  
of August 1886

Jerry Millay  
Notary Public

Field Notes  
 of the Survey of the  
 Crystal Springs and Brown  
 Brothers Mill Site  
 in the Brown Mining District  
 Maricopa County Arizona  
 Claimed by Herbert H. Lagan  
 Surveyed by Thomas White  
 U.S. Deputy Mineral Surveyor  
 under instructions from the  
 Surveyor General of date of  
 July 26<sup>th</sup> 1886

Survey commenced July 31<sup>st</sup> 1886  
 " Completed " 31<sup>st</sup> 1886

Description of Survey.

Beginning at the initial  
 mon. mentioned in the location  
 notice and marking the  
 South Easterly Corner of claim  
 when I set a granite 21x10x  
 7 ins 1ft in the ground and  
 built alongside a monument  
 of stones  
 Stone marked B.B.M.S. No. 1.

370 Thence N 42° 29' E  
 Var 14° 15' E  
 To loc mon. when I set a  
 granite 24x9x8 ins 1ft in  
 the ground and built alongside  
 a monument of stones  
 Stone marked B.B.M.S. No. 2  
 Cor. Post of B.B.M.S. (Brown  
 Brothers Mining Claim)  
 Bears S 83° 14' E Dist 2300ft.

726 Thence N 47° 31' N  
 Var 14° 15' E  
 To loc mon. when I set a  
 granite 26x10x8 ins 1ft  
 in the ground and built

alongside a monument of stones  
Stone marked B.B.M.S. No 3

Thence S42°-29' W

Var 14°-15' E

300

To loc. mon. when I set  
a granite 24 x 10 x 7 ins 1 ft  
in the ground and built  
alongside a monument of  
stones.

Stone marked B.B.M.S. No 4

Thence S47°-31' E

Var 14°-15' E

726

To Post B.B.M.S. No 1 and  
place of beginning

Area

Total Net Area of claim 5 Acres

Location

This claim is located about  
1/2 mile west of the Brown  
Brothers Mining Claim

Instruments used a Gurdie  
Solar Transit and Steel  
Chain.

Var and courses taken  
by means of the solar  
apparatus.

Thomas White

U.S. Deputy Mineral Surveyor.

Phony Ar. Aug 12 1886.

# NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA, )  
County of Maricopa ) ss.

John Beck and Joseph Traver of said County and Territory, being first duly sworn, each for himself and not one for the other, deposes and says that he is well acquainted with the land of the Crystal Spring Brown mill-site claim situated in Brown Mining District, Gila and Salt River Meridian, in the County of Maricopa and Territory of Arizona, claimed by Herbert H. Royce applicant for United States patent therefor; that he is well acquainted with the character of said described land included within the boundary lines as officially surveyed by Thomas Mine United States Deputy Surveyor, having frequently passed over the same; that his knowledge of such land is such as to enable him to testify understandingly with regard thereto; that there is not to his knowledge within the limits thereof any vein or lode of quartz or other rock in place bearing gold, silver, cinnabar, lead, tin or copper or any deposit of coal; that there is not within the limits of said land, within his knowledge, any placer, cement, gravel or other valuable mineral deposits; that no portion of said land is claimed under the local customs or rules of miners or otherwise; that no portion of said land is worked for minerals during any part of the year by any person or persons; that said land is essentially non-mineral land, and that there is within the boundaries of said claim improvements, to-wit:

and that he has no interest whatever in said described mill-site claim.

John Beck  
Joseph Traver

SUBSCRIBED AND SWORN to before me this 12<sup>th</sup> day of August A. D. 18 86; and I hereby certify that the foregoing affidavit was read to the said John Beck and Joseph Traver previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

Jerry Millay  
Notary Public

FINAL OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

A LIST of names of individuals employed to assist in running, measuring or marking the lines and corners described in the foregoing field-notes of the survey of Crystal Springs and Brown Brothers Mill Site located in Brown Mining District, Maricopa County, Arizona, showing the respective capacities in which they acted.

John Beck Chairman.  
Joseph Frazer Chainman.  
Joseph Frazer Axeman.  
Joseph Frazer Flagman.

WE hereby certify that we assisted Thomas White U. S. Deputy Surveyor, in surveying the Crystal Springs and ~~the~~ Brown Brothers Mill Site claimed by Herbert Hogan located in Brown Mining District, Maricopa County, and in Township No. \_\_\_\_\_ Range No. \_\_\_\_\_ of the Gila and Salt River base and meridian, Arizona, and that said survey has been in all respects, to the best of my knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor-General.

John Beck Chairman.  
Joseph Frazer Chainman.  
Joseph Frazer Axeman.  
Joseph Frazer Flagman.

SWORN TO AND SUBSCRIBED before me this 12<sup>th</sup> day of August 1886

Jerry Mullaney  
Notary Public

I, Thomas White U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor General for Arizona, bearing date the 26<sup>th</sup> day of August 1886, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions The Crystal Springs and Brown Brothers Mill Site claimed by Herbert Hogan located in Brown Mining District, Maricopa County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my instructions; and I do further solemnly swear that all the corners of said surveys have been established and perpetuated in strict accordance with the instructions furnished me, and that the foregoing are the true and original field-notes of such surveys.

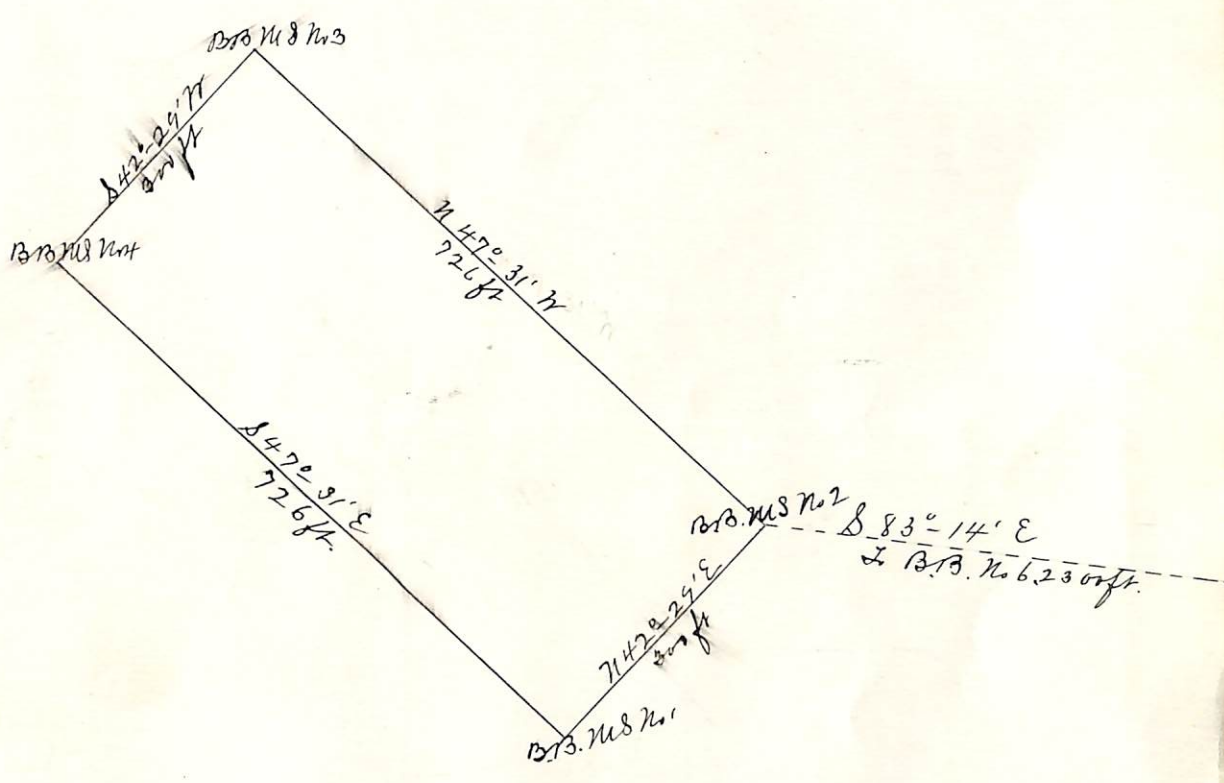
Thomas White Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 12<sup>th</sup> day of August 1886

Jerry Mullaney  
Notary Public

Crystal Springs and Brown Brothers Mill Site

Plat No 37. B.



Thomas White  
U.S. Deputy Mineral Surveyor.



Notice, that I, the undersigned this day  
 have discovered and located fifteen hun-  
 dred (1500) feet of this location or vein with all  
 its depths, spurs and angles or variations for gold  
 or silver or copper or any other metal that this lod-  
 or vein might contain, together with three hun-  
 dred (300) feet on each side of the middle of the  
 thread or vein for milling and mining purposes  
 in accordance with the act of Congress, May 10<sup>th</sup>  
 in the year of our Lord 1872, commencing at  
 this notice and monument of white quartz ore,  
 and running southerly one thousand (1000) feet  
 to a monument of stone; thence five hundred  
 (500) feet Northerly to a monument of stone  
 which is on the middle of thread or vein;  
 thence three hundred (300) feet Easterly to a  
 monument of rocks; thence southerly five hun-  
 dred (500) feet to a monument of rocks; thence  
 southerly one thousand (1000) feet to a monument  
 of rocks; thence Westerly three hundred (300)  
 feet to a monument of rock; thence Westerly  
 three hundred (300) feet to a monument of  
 rocks; thence Northerly one thousand (1000)  
 feet to a monument of rocks; thence North-  
 erly five hundred (500) feet to a monument of  
 rocks; thence three hundred (300) feet to a  
 monument of rocks Easterly and place of  
 beginning.

This mine or claim is situated on the

North East slope of what is known as the Reno Mountain, and is in the timber line of pines and oaks and is about fourteen miles (14) more or less from old Camp Reno in a North West direction, and is about 1/2 one half mile from what is known as Burns old ~~Sunghe~~ Springs and what is now known as the Crystal fountain Mill Site, and is about eight (8) miles North East from Sun Flower Valley, and about thirty five (35) miles from Fort McDowell, and is in Maricopa County, Territory of Arizona.

Located September 16. 1879, and shall be known as the Brown Brothers

Robert D. Brown

Recorded at the request of Robert D. Brown Dec 17<sup>th</sup> A.D. 1879, at 11:15 o'clock A.M.

W. F. Mc Nulty

County Recorder

Territory of Arizona 1/2  
County of Maricopa 3/4 ps.

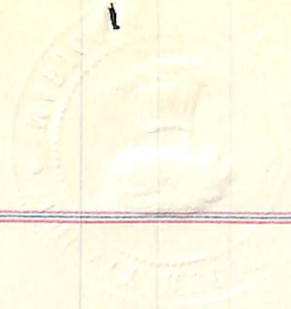
J. W. R. Morris, County Recorder in and for the County of Maricopa, in the Territory of Arizona, do hereby certify that the above and foregoing is a full, true and correct copy of the Notice of Location of the Brown Brothers mine, as the same appears of record in my office in Book 2 of Mining Claims at pages 54 and 55 records of Maricopa County in

the Territory of Arizona

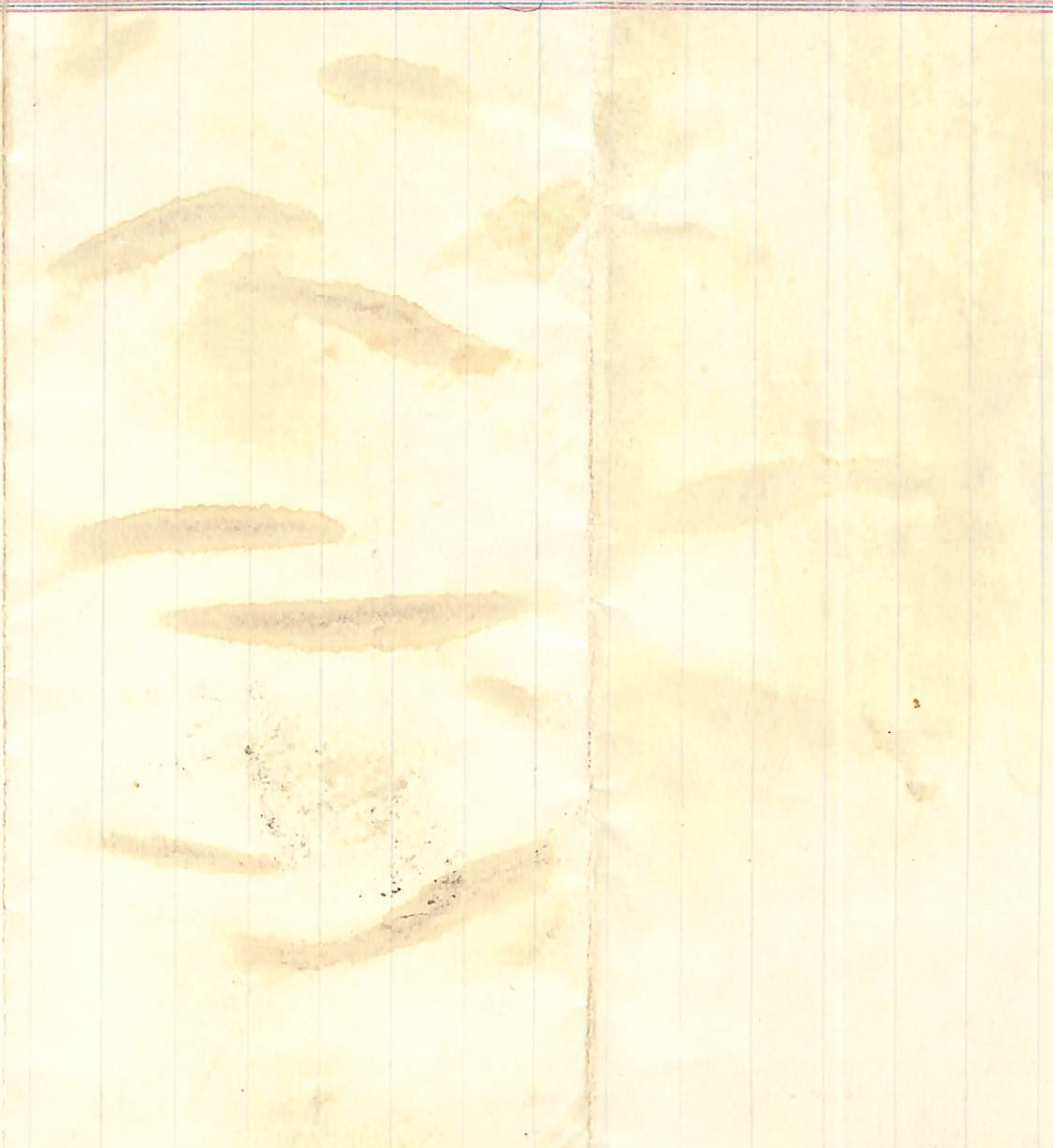
Witness my hand and official seal  
this 26<sup>th</sup> day of May A.D. 1886.

W. R. Morris

County Recorder



From Brothers MC  
Distant -  
location cloudy



### Notice of Location (Amendatory)

I, the undersigned, do this day locate and claim 1500 feet on this Quartz ledge, and three hundred feet on each side thereof, with all the dips, spurs and angles thereof, and the privileges thereunto pertaining. This location is made pursuant to the mining laws of the United States, and is filed as an amended location notice of this, the "Brown Brothers," mining claim, and for the purpose of giving a more perfect description thereof. The undersigned locator being now the owner of said claim.

This claim is bounded as follows: commencing at the Initial monument thereof, which sets 606 feet  $S. 32^{\circ} 10' N.$  of the discovery shaft; this monument being the initial monument of said claim, thence  $S. 57^{\circ} 50' E.$  300 feet to a monument of stone; thence  $N. 32^{\circ} 10' E.$  1500 feet to a monument of stone; thence  $N. 57^{\circ} 50' W.$  300 feet to a monument of stones on the line of the ledge; thence  $N. 57^{\circ} 50' W.$  300 feet to a monument of stone; thence  $S. 32^{\circ} 10' W.$  1500 feet to a monument of stone; thence  $S. 57^{\circ} 50' E.$  300 feet to the place of beginning.

This claim shall be known as the Brown Brothers, and is located on what is

known as the North Slope of Mount Reno,<sup>20</sup>  
about fourteen miles more or less from  
Old Camp Reno, in a North West direc-  
tion, about eight miles North East from  
Sun Flower Valley, and about thirty five  
miles from Fort McDowell, + is in Mari-  
coba County, Arizona Territory.

Dated on the ground this 12<sup>th</sup> day of  
July A. D. 1886.

H. H. Logan  
Locator

(Condorsed) Filed and recorded at request  
of H. H. Logan July 23<sup>rd</sup>, A. D. 1886

W. R. Morris

County Recorder

Territory of Arizona }  
County of Maricopa } ss.

I, W. R. Morris, County Recorder in and  
for the County of Maricopa, Territory of Arizona,  
do hereby certify that above and foregoing  
to be a full, true and correct copy of the  
amendatory Notice of Location of the Brown  
Brothers Mining claim as the same appears  
upon the records of my office, in Book 4  
of Mining claims at pages 76 + 77, Records  
of Maricopa County Arizona Territory.

Witness my hand and official

seal this 23<sup>rd</sup> day of July 1886.  
W. R. Harris  
County Recorder

Crystal Springs, Brown Brothers Mill Site.  
 Notice. The undersigned claims 5 acres  
 of land and all the water and timber  
 thereon for mining and milling purposes,  
 and as a Mill Site for the Brown Brothers  
 Mine. This notice is posted at the Initial  
 monument of this claim, and the claim is  
 bounded as follows: From the Initial  
 monument  $N 42^{\circ} 29' E$ . 300 ft. to monument of  
 stones; thence  $N 47^{\circ} 31' W$ . 726 ft. to a monument  
 of stones; thence  $S 42^{\circ} 29' W$  300 ft. to a monu-  
 ment of stones; thence  $S 47^{\circ} 31' E$  726 ft. to a  
 monument of stones & place of beginning.

This Mill Site is located on the North Western  
 slope of Mount Reno, Brown Mining District  
 Maricopa County, Arizona Territory, and shall  
 be known as the Brown Brothers and Crystal  
 Springs Mill Site, and is about  $\frac{1}{2}$  mile  
 Westerly of the Brown Bros Mine.  
 Located, dated on the ground this 12<sup>th</sup> day of  
 July 1886.

H. H. Logan  
 Locator.

(Endorsed) Filed and recorded at request  
 of H. H. Logan July 23<sup>rd</sup> A.D. 1886, at 11:20  
 o'clock A.M.

W. R. Morris

County Recorder



Territory of Arizona  
 County of Maricopa

I, W. R. Morris, County Recorder in and for  
 the County of Maricopa, Territory of Arizona,  
 do hereby certify the above and foregoing  
 to be a full, true and correct copy of the  
 original notice of location of the Brown  
 Brothers and Crystal Springs Mill site, as  
 the same appears upon the records of  
 my office, in Book No 3 Miscellaneous Re-  
 cords of Maricopa County, at pages 165 & 166.  
 and that there no other records in  
 my office effecting this mill site

Witness my hand and official  
 seal this 23<sup>rd</sup> day of July 1886

W. R. Morris

County Recorder

## U. S. Surveyor-General's Office.

Tucson, Arizona, August 21<sup>st</sup> 1886.

The foregoing Field Notes of the survey of the Crystal  
Spring and Brown Brothers Mill-site  
 situate in the Brown mining district, Maricopa  
 County, Arizona, claimed by Herbert H. Logan

survey executed by Thomas W. Hine Deputy  
 Surveyor, under instructions from this office, having been critically  
 examined and the necessary corrections and alterations made, the said  
 Field Notes and the survey they describe are hereby approved.

John Hine  
 Surveyor General.