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Mineral Survey No. 970.

Lot No. 75.

Gila Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

D. Willis James, and W. E. Dodge.

KNOWN AS THE

"Brother Jonathan"

Warren Mining District,
Coconino County, Arizona

Section _____, Township _____, Range _____

Surveyed under instructions dated May 23rd, 1891
by H. G. Howe,

U. S. Deputy Mineral Surveyor.

Claim located April 29th, 1878.

Survey commenced July 8th, 1891.

Survey completed July 16th, 1891.

6-160

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

We, S. B. Whitton and _____,
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 D. Willis James and
W. C. Dodge, known as the
Brother Jonathan
situate in the Warren mining district,
Cochise County, Arizona,
in Section _____, Township No. _____, Range No. _____.

S. B. Whitton, Chairman.
_____, Chairman.

Subscribed and sworn to by the above-named persons before
me this 8th day of July, 1891.

S. B. Perrin
Notary Public

I, George Douglass, do solemnly swear that I will well and
truly perform the duties of axeman, 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 D. Willis James and
W. C. Dodge
known as the Brother Jonathan,
more fully described in the preceding affidavit.

George Douglass, Axeman.

Subscribed and sworn to by the said George
Douglass before me this 8th day of
July, 1891.

S. B. Perrin
Notary Public

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

_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of
_____, 18 _____.

Field Notes.

of the Survey of the
 Brother Jonathan Mining claim
 in the Warren Mining District
 Cochise County, Arizona Territory

Claimed by
 D. Willis James and W. E. Dodge.

Surveyed by H. C. Howe U.S.
 Deputy Mineral Surveyor
 under instructions from the
 Surveyor General of State
 May 23rd 1891.

Survey commenced July 8th 1891
 Survey completed July 16th 1891.

Description of Survey

Feet. Beginning at the Initial mon-
 ument mentioned in notice
 of location a 2x4 in stake in
 mon. of stone, which point is
 also the Initial mon. of the
 "Uncle Sam^{mine}" Mining claim,
 where I set Post 4 1/2 ft. long 4 in.
 sq. and surround by a mon-
 ument of stone 4 1/2 ft. base and
 3 ft. high.

Post marked upon west face
 I.M. Uncle Sam^{mine} M.C. No. 1. and upon
 the East face I.M. Brother Jonathan
 M.C. No. 1.

From which U.S. M.M. No. 4, bears
 N 84° 10' E 4034.8 ft.

Station "E." bears S 37° 13' W 85. ft.

Thence N 5° 10' E

Var 11° 40' East.

137.6 To a 2x4 in stake in mon of stone

Feet. Which point is also the N.E. cor Uncle Sam^{No} M.C. where I set Post 4 1/2 ft. long 4 in. sgr and surround by a monument of stone 4 1/2 ft at base and 3 ft high.

Post marked upon west face U.S. M.C. No. 6. and upon east face B.J. M.C. No. 2.

Thence N 67° 18' E
Var 11° 40' East.

720. Ravine drains easterly
1463.9 To the N.E. cor. of claim a 2x4 in stake in monument of stone where I set Post 4 1/2 ft. long 4 in. sgr. and surround by a monument of stone 4 1/2 ft. at base and 3 ft. high.

Post marked B.J. M.C. No. 3.
Thence S 5° 10' W
Var 11° 40' East

140.55 To a 2x4 in Stake in monument of stone the easterly center end of claim where I set Post 4 1/2 ft. long 4 in. sgr. and surround by a monument of stone 4 1/2 ft. at base and 3 ft. high. Post marked B.J. M.C. No. 4. at.

385 Ravine, drains easterly.
407.95 To a monument of stone upon the South bank of Ravine. The S.E cor of claim, where I set Post 4 1/2 ft. at long 4 in. sgr. and surround by a monument of stone 4 1/2 ft. at base. and 3 ft. high.

Post marked B.J. M.C. No. 5.
Thence S 67° 42' W
Var 11° 40' East.

940. Small wash drains northerly.
1458.58 To a 2x4 in stake in monument of Stone -

Field Notes.

of the Survey of the
 Brother Jonathan Mining Claim
 in the Warren Mining District
 Cochise County, Arizona Territory

Claimed by

D. Willis James and W. E. Dodge.

Surveyed by H. C. Howe U.S.
 Deputy Mineral Surveyor
 under instructions from the
 Surveyor General of date
 May 23rd 1891.

Survey commenced July 8th 1891
 Survey completed July 16th 1891.

Description of Survey

Feet. Beginning at the Initial mon-
 ument mentioned in notice
 of location a 2x4 in stake in
 mon. of stone, which point is
 also the Initial mon. of the
 "Uncle Sam^{mine}" Mining claim,
 where I set Post 4 1/2 ft. long 4 in.
 sq. and surround by a mon-
 ument of stone 4 1/2 ft. base and
 3 ft. high.

Post marked upon west face
 I.M. Uncle Sam^{mine} M.C. No. 1. and upon
 the East face I.M. Brother Jonathan
 M.C. No. 1.

From which U.S. M.M. No. 4, bears
 N 84° 10' E 4034.8 ft.

Station "E." bears 537° 13' W 85. ft.

Thence N 5° 10' E

var 11° 40' East.

137.6

To a 2x4 in stake in mon of stone

Feet. The S.W. cor. of claim, which is also the S.E. cor. "Uncle Sam Mine" mining claim, where I set a Post $4\frac{1}{2}$ ft. long, 4 in. sq. and surround by a monument of stone $4\frac{1}{2}$ ft. at base and 3 ft. high. Post marked upon west face U.S. M.C. No. 2, and upon east face B.T. M.C. No. 6.

Thence $N 5^{\circ} 10' E$

$N 11^{\circ} 40' E$ East,

259 To Post I.M. Brother Jonathan M.C. No. 1. and place of beginning survey of exterior lines of claim,

Area,

Total area of claim 11.95 Acres.

No conflicts

Net area,

11.95 acres

Location,

This claim is located in the Warren Mining District Cochise County, Arizona, about $\frac{3}{4}$ of a mile S. west of Iron Spring and $\frac{3}{4}$ of a mile S.S.W. from U.S. M. M. No. 1, and is bounded upon the west by the "Uncle Sam Mine" M.C., upon the north by the cuprite M.C., and upon the east by the Surprise M.C.

Improvements,

made upon this claim by claimants or grantors consist of A Shaft 4×6 ft. 10 ft. deep $N 77^{\circ} 50' E$ 185 ft. from Post B.T. M.C. No. 2. A Shaft, 4×6 ft. 10 ft. deep, $N 78^{\circ} 50' E$ 330 ft. from Post I.M. Brother Jonathan M.C. No. 1.

A Tunnel 4x6 ft. 30 ft. long, N82°
 20'E 595 ft. from Post B.T.M.C. No 2.
 A shaft 4x6 ft. 20 ft. deep, S80°50'W
 460 ft. from Post. B.T.M.C. No. 5.
 And I hereby certify that the value
 of said improvements exceeds
 in value the sum of five
 hundred dollars.

There have been no impro-
 vements made by other
 parties on this claim.

Instruments used a young's
 improved Solar Transit, and
 steel tape.

var. and courses taken by use
 of solar apparatus carefully
 adjusted.

H. G. Howe
 U.S. Deputy Mineral Surveyor

Bisbee August 5th 1891.

Affidavit of Five Hundred Dollars Improvements.

We, S. B. Whittum and George Douglas
of lawful age, being first duly sworn according to law, depose and say: that we are acquainted with the
Brother Jonathan mining claim, situated in
the Warren Mining District, Cochise County,
Arizona Territory, for which D. Willis James and
W. E. Dodge
have 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
applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not
personally interested in said mine.

S. B. Whittum

George Douglas

TERRITORY OF ARIZONA,
County of Cochise } ss.

SWORN to and subscribed before me, this 22nd day
of July 1891

A. C. Dennis

Notary Public



FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by A. G. Howe
 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 D Willis James and W. E. Dodge
 known as the Brother Jonathan
 and showing the respective capacities in which they acted.

S. B. Whittum, Chairman.
 _____, Chairman.
George Douglas, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, S. B. Whittum
 and George Douglas, do solemnly swear that we assisted
A. G. Howe, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of
D Willis James and W. E. Dodge
 known as the Brother Jonathan, 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.

S. B. Whittum, Chairman.
 _____, Chairman.
George Douglas, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 22nd day of July, 18 91.

S. C. Perrin
Notary Public



(4-686.)

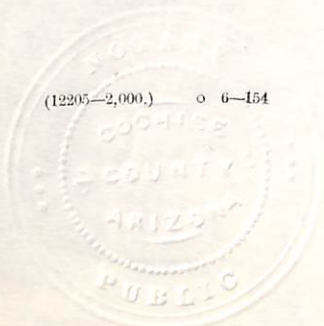
FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, A. G. Howe, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated May 23rd, 1891, 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 D Willis James and W. E. Dodge, known as the Brother Jonathan, ~~mining claim~~, situate in the Warren Mining District, Cochise County, Arizona, in Section , Township No. , Range No. , and designated as Survey No. 970 - Lot W 75, 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 their 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.

A. G. Howe
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said A. G. Howe,
U. S. Deputy Mineral Surveyor, before me S. C. Ferris
A Notary Public this third
day of August, 1891.

S. C. Ferris
Notary Public



"Brother Jonathan."

Mule Pass, Mule Mountain, Pima Co., A.T.
 April 29th 1878. This notice certifies
 that we the undersigned do this day
 locate and claim fifteen hundred feet
 <1500> by three hundred on each side
 <300> of mineral bearing quartz or ore
 on this vein or deposit, to be known
 as the Brother Jonathan, In accordance
 with the mining laws of the United
 States dated May 10th 1872, and described
 as follows. Commencing at the Eastern
 Terminus of the Uncle Sam Mine, at
 a stone monument erected by us,
 and running fifteen hundred feet in
 an Easterly direction to a monument
 of stone, said mine being one <1> mile
 in a South west direction from Iron Springs

Attest.

John Fitzgerald }
 Hugh Jones }

Joe Herring
 M. F. Herring
 Pat Dyer.

Felix McKittrick

Filed and recorded at request of Mrs.
 Chapman May 10th A.D. 1878 at 4 o'clock P.M.

S. W. Carpenter

County Recorder,

250027 (R. 30. N. 4.)
County of Cochise } ss.

I, W. F. Bradley, County Recorder in and for the County of Cochise
hereby certify that the above and foregoing is a full, true and correct copy of the
Location Notice of the Brother Jonathan Mine (Warren Dist)
as appears of record now in my office in Book 3, Page 231 of Mines
Trans Records In witness whereof, I have hereunto set my hand and affix

my official seal, at my office, in Tombstone, this
20th day of September, A. D. 1890
W. F. Bradley
County Recorder

Brother Jonathan
Mine.

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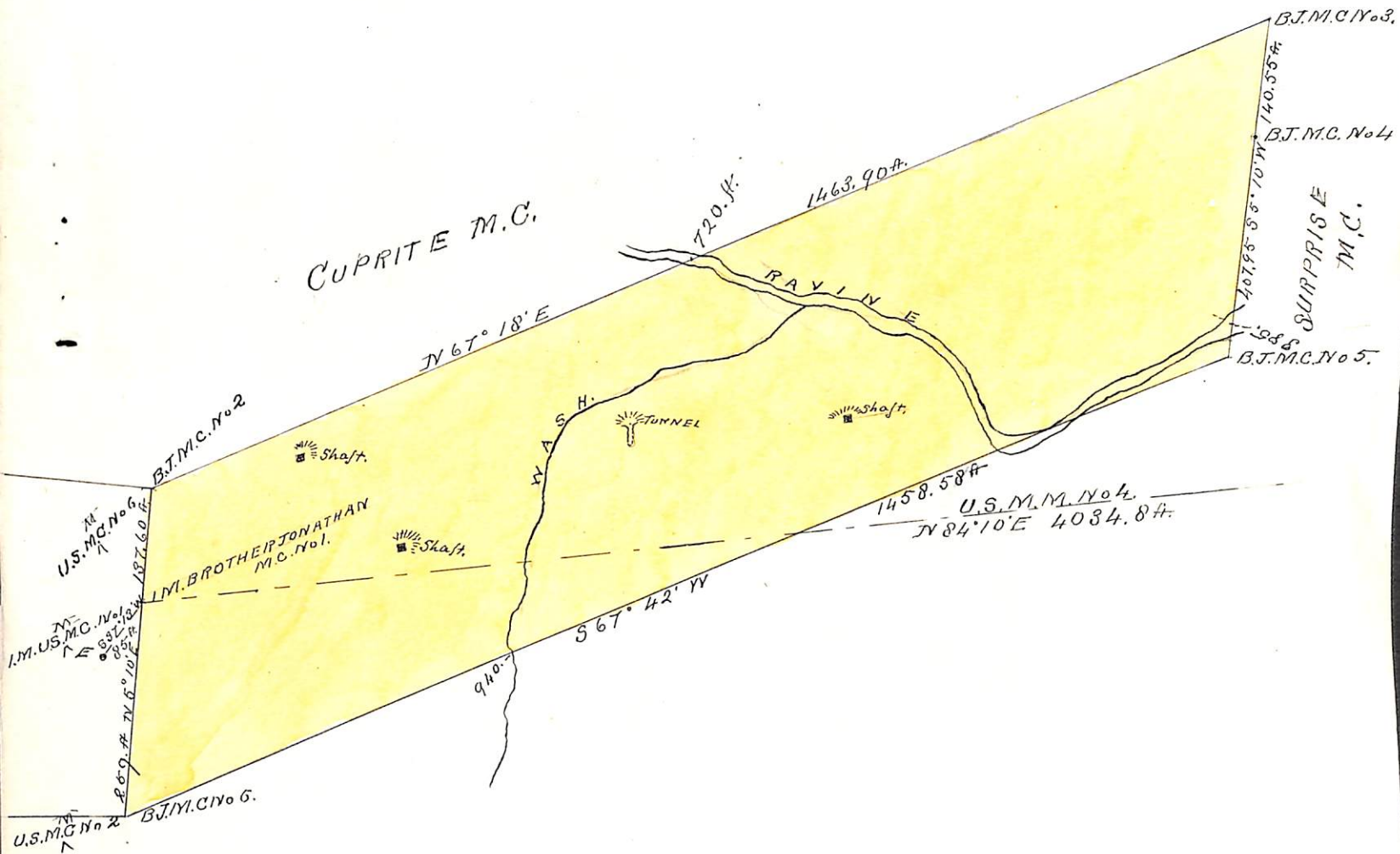
BROTHER JONATHAN MINING CLAIM

WARREN MINING DISTRICT,

COCHISE COUNTY, ARIZONA.

Net Area, 11.90⁵ Acres.
Var 11°40' East.

Scale 200. ft = 1 inch.



(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,

Mesa, Arizona
September 29, 1891.

I, U. S. Surveyor General for

Arizona Territory

do hereby certify that the foregoing and hereto attached Field Notes and Return of the Survey of the Mining Claim of

D. Hillis James and W. E. Dodge

known as the *Brother Jonathan*

situate in *Warren* mining district,

Pocahontas County, *Arizona*,

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

and _____, designated as Survey No. *970. Lot No 75*

executed by *H. G. Howe*, U. S. Deputy Mineral

Surveyor, *July 8th to 16th*, 18 *91*, under my instructions dated

May 23rd, 18 *91*, 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.

Reuelat Johnson
Arizona

U. S. Surveyor General for

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