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(4-683.)

Mineral Survey No. 874

Lot No. 210

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Bey Cook, M. A. Smith & D. C. Davis,

KNOWN AS THE

Herschell mine

Tombstone

Mining District.

Cochise

County,

Arizona

Section 11

,

Township 20S

,

Range 22E

Surveyed under instructions dated

March 8th

, 1889,

by

H. G. Howe,

U. S. Deputy Mineral Surveyor.

Claim located

April 20th

, 1879.

Survey commenced

March 11th

, 1889.

Survey completed

March 11th

, 1889.

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

WE, Henry Lowry 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 ^{my} skill and ability, and in accordance with instructions given ^{me} us, in the survey of
the Mining Claim of Benjamin Cook, M A Smith
and D. C. Daves, known as the
Herschell mine,
situate in the Tombstone mining district,
Cochise County, Arizona,
in Section _____, Township No. 20. S., Range No. 22 E.

Henry Lowry, Chainman.
_____, Chainman.

Subscribed and sworn to by the above-named persons before
me this 11th day of March, 1889.

Robert C. Feibull
Notary Public

I, _____, 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 _____

known as the _____,
more fully described in the preceding affidavit.

_____, Axeman.

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

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
Herschell Mining Claim in the
Tombstone Mining District Cochise
County Arizona

Claimed by
Benjamin Cook, M.A. Smith and
D.W. Daves.

Surveyed by A.G. Howe U.S. Deputy
Mineral Surveyor under instruc-
tions of date March 8th 1889.

Survey commenced March 10th 1889
Survey completed March 11th 1889

Description of Survey.

Feet.

Beginning at the Initial mon-
ument mentioned in location
notice, where I set Post 5ft. long
4in. sgr. 1ft in ground, and
surround by monument of stone
Post marked H.M. Herschell M.C. No 1.
Thence $S 39^{\circ} 35' E$

Var $11^{\circ} 43' East$.

320. To a 2x4 in Post marked Herschell
which point is on the N.W. line
of Blue Monday Mining claim,
where I set Post 5ft. long 4in. sgr.
1ft. in ground and rebuild mon-
ument around them,
Post marked H.M.C. No 2,
From which a 4in Post marked
Bot. I. No VIII, and a 3x4 in Post mark-
ed T.S.M.C No 5, in same mon,
bear $N 58^{\circ} 15' E$ 6ft.
Thence $S 15^{\circ} 30' W$.

Var $11^{\circ} 43' East$.

Feet.

684. Intersect N. westerly line Blue Monday mining claim, bears $S 50^{\circ} 23' W$.

713.6 To a 2x4 in stake marked S.E. cor, Herschell, where I set Post 5ft, long 4 in sgr. 1ft in ground, and rebuild monument around them Post marked H.M.C. No 3.

Thence $S 50^{\circ} 44' N$.

Var $11^{\circ} 43' East$.

230. To point for parallelism of end lines where I set Post 5ft, long 4 in, sgr. 1ft. in ground and surround by monument of earth & stone. Post marked H.M.C. No 4.

From which the old original cor. which is also a cor of the Blue Monday B.M.C. No 6, bears $S 50^{\circ} 44' N$ 63 ft.

Thence $S 65^{\circ} 04' W$

Var $11^{\circ} 43' East$.

56. To 4 in Post. B.M.C. No 7, and also Post Bob I No V, where I set Post 5ft, long 4 in sgr. 1ft in ground by side of other Posts and rebuild monument around them.

Post marked H.M.C. No 5.

From which the original cor bears $S 2^{\circ} 18' E$ 16 ft.

U. S. M.M. No 2 bears $S 4^{\circ} 23' W$ 1895 ft.

Cor. to Sec. 1 & 2, N Bdry T. 20. S. R. 22. E. bears $N 21^{\circ} 57' E$ 10314 ft.

Thence $N 2^{\circ} 18' W$

Var $11^{\circ} 43' East$.

232. Post Bob I. No VI, from which old mon. where Post Bob I No IV should be (post destroyed) bears $S 39^{\circ} 38' E$ 184.5 ft.

582.5 Intersect N. westerly line Bob Inger soll M.C. $N 58^{\circ} 15' E$ 5 ft. from Post Bob I. No VII.

Fect.

1131.5 To old monument and 2x3 in peg in ground under mon, where I set Post 5ft. long, 4 in. sqr. 1ft in ground and surround by monument of earth and stone.

Post marked H.M.C No 6.

Thence N65° 04' E

var 11° 43' East.

189.5 To 2x4 in stake marked Herschell. where I set Post 5ft. long 4 in. sqr. 1ft. in ground and rebuild monument around them.

Post marked H.M.C No 7.

Thence S39° 35' East

var 11° 43' East.

140. To Post H.M.C No 1 and place of beginning survey of exterior lines.

Area.

Total area of claim 8,338 Acres

Less conflicts with the Blue Monday M.C.

Lot No 81. of .09 acres

and Bob Ingersoll M.C

Lot No. 86. of 4.09 "

Note This conflict (area) has 4.18

been decided by the Bob Ingersoll Co. to the claimants of the Herschell

Net area, 4,158 acres.

Location

This claim is located in the Tombstone Mining District Cochise County Arizona, and bounded upon the south by the Blue Monday M.C. upon the east by the Bob Ingersoll M.C. and upon the west by the Old Guard M.C.

Improvements.

Made upon this claim by claimants consist of

Shaft 4x6 ft. 12 ft deep 527° 05' E 42 ft from Post H.M.C. No 7.

Shaft 4x6 ft. 60 ft deep, with drift 20 ft long, bears 527° 05' E 145 ft from Post H.M.C. No 7.

Shaft 4x6 ft. 9 ft. deep, bears 525 24' E 148 ft from Post H.M.C. No 7.

Shaft, 4x6 ft. 30 ft. deep bears N 45° 28' W 150 ft. from Post H.M.C. No 2.

The following shafts are sunk upon the Ingersoll M.C. which is owned by the claimants of the Herschell.

Shaft 4x6 ft. 40 ft deep, bears N 30° 10' E 28 ft from Post H.M.C. No 5.

Shaft 4x6 ft. over 100 ft. deep, with drift wings & stopes, bears N 4° 23' E 536 ft. from Post H.M.C. No 5.

Shaft 4x6 ft. 80 ft. deep, connecting with stopes, bears N 0° 45' E 454 ft. from Post H.M.C. No 5.

And I hereby certify that the value of the improvements made upon the Herschell claim not including improvements upon the Ingersoll M.C. exceeds in value the sum of five hundred dollars.

There have been no improvements by other parties upon this claim

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

Var. and courses taken by use of Solar apparatus.

A. G. Howe

Tomestone U.S. Deputy Mineral Surveyor.

March 16th 1899

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

WE, Henry Lowry and Thomas Ingram
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with
the Herschell
_____ mining claim, situated in _____
Lombstone Mining District, Cochise County, Arizona
Territory, for which Benjamin Cook and M.A. Smith & D.C. Daves
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 applicant s and the grantor s exceed Five Hundred Dollars in value, and further that
we are not personally interested in said mine.

Henry Lowry
T. Ingram

TERRITORY OF ARIZONA, }
County of Cochise } ss.

SWORN to and subscribed before me this 21st day
of March, 1889.

Robert O. Neutshell
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 Benjamin Cook, M. A. Smith & D. C. Daves,
 known as the Herschell mine,
 and showing the respective capacities in which they acted.

Henry Lowry, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

I Henry Lowry,
 and _____, 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 Benjamin Cook
M. A. Smith and D. C. Daves,
 _____, known as the _____

Herschell mine, 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~~^{my} 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.

Henry Lowry, Chainman.
 _____, Chainman.
 _____, Axman.
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 11th day of March, 1889

Robert C. Fetterall
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 March 8th, 1889, 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 Benjamin Cook, M. A. Smith and D. C. Daves. known as the Herschell mining claim. situate in the Tombstone, Mining District, Cochise. County, Arizona. in Section _____, Township No. 20. S. Range No. 22 E and designated as Survey No. _____, 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 _____ 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 Robert C. Feulowell
a Notary Public this 15th
day of March, 1889.

Robert C. Feulowell
Notary Public



"Herschell Mine"

Notice of location: Notice is hereby given that we the undersigned in compliance with the Mining Act of Congress approved May 10th 1872, we have this day located and claimed fifteen hundred feet more or less, along the course of this lode lead or vein of mineral bearing quartz and three hundred feet more or less on each side of said lead lode or vein described as follows, Situated in the Tombstone Mining District, County Pima Territory of Arizona and more particularly described as follows:

Commencing at this monument of stone on the center of the vein lead or lode thence running 1500 feet more or less along the lode in a Southerly direction to a monument of stone, thence Westerly three hundred feet more or less to a monument of stone, Thence fifteen hundred more or less in a Northerly direction to a monument of stone, being on the South line of the Townsite Mine, Thence three hundred feet more or less in an Easterly direction to the mineral monument; Thence three hundred

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feet more or less in Easterly direction to a
monument of stone, Thence fifteen
hundred feet more or less, Southerly
direction, Thence three hundred feet
more or less in Westerly direction to
the lode leads or vein, This mine
shall be known as The Herschell
mine, Located this 20th day of April
1879. Signed D. C. Daves

John T. Cassin.

Filed and recorded at request of
D. C. Daves April 30, 1879. at 9.30 A.M.

S. W. Carpenter, County Recorder
By Hinson Thomas, Deputy.

TERRITORY OF ARIZONA. }
 County of Cochise } ss.

W. F. Bradley,

I. ~~A. T. JONES~~, County Recorder in and for the County of Cochise, do hereby

certify that the above and foregoing is a full, true and correct copy of *The*
Location Notice of the Herschell mine in
the Tombstone Mining District

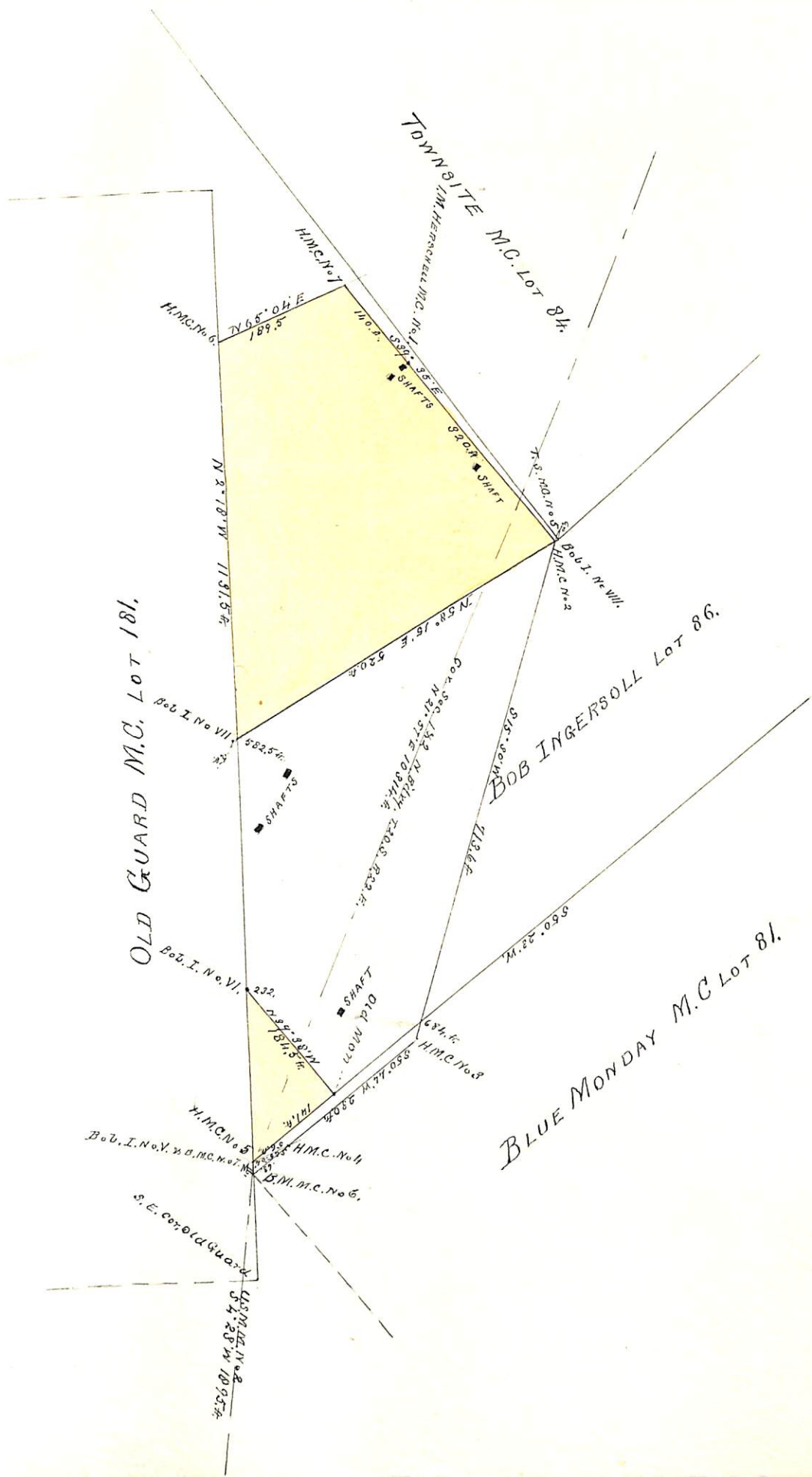
as appears of record now in my office in Book *3*, Page *122*

In Witness Whereof, I have hereunto set my hand and affixed
 my official seal, at my office, in Tombstone, this
6th day of *March*, A. D. 188*7*

W. F. Bradley,

County Recorder

PLAT
 Of the
 HERSCHELL MINING CLAIM
 TOMBSTONE MINING DISTRICT
 COCHISE COUNTY ARIZONA
 Containing 4.158 Acres
 Scale 200. ft = 1 inch
 Var 11°48' East.



(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,

Judson A. P.

April 9th, 1889.

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

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

Survey of the Mining Claim of *Benj. Cook, M. A. Smith & D. C. Davis*,

....., known as the

Herschell Mine

situate in *Tombstone* mining district,

Cochise County, *Arizona*

in Section, Township No., Range No.

....., designated as Survey No. *874*

executed by *H. E. Hutz*, U. S. Deputy Mineral

Surveyor, *March 11th*, 1889, under my instructions dated

March 8th, 1889, 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.

John Hise

U. S. Surveyor General for *Arizona*.

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