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LOT NO. 148

SURVEY NO. 540

Field Notes

of the survey of the

Grand Dipper
Mining Claims
Tombstone

Situate in Tombstone mining district.

County of Cochise and in Sec , T^p 20 S.

Range 29 E., of the Gila and Salt River Meridian.

ARIZONA.

Claimed by E. B. Gage.

Survey executed by A. J. Hitchell D. S.

Under instructions dated June 8th 1883

Survey commenced September 3^d 1883.

Survey completed September 3^d 1883.

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, C. Taylor and W. Hobbs

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 length of all lines that we assist in measuring, to the best of our skill and ability.

C. Taylor
William Hobbs

SWORN to and subscribed before me, this 3rd day

of September, 1883.

A. J. Mitchell
Notary Public

I, W. Garland

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

Wm Garland

SWORN to and subscribed before me this 3rd day

of September, 1883.

A. J. Mitchell
Notary Public



Field Notes of the Survey
 of
 The Grand Dipper Mine
 situated in Tombstone Mining District
 Cochise Co. Arizona Territory and
 Township No 20 S. Range No 22 E
 G. and S. R. Band M.

Claimed by E. B. Gage

and surveyed for Patent under the
 instructions from Surveyor General
 dated June 8th 1883

Surveyed Sept. 3rd 1883, -

by A. J. Mitchell

U.S.D.M.S.

September 3rd 1883

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Field notes of the Survey of Grand Dwyer Mine
situated in Tombstone Mining Dist. Cochise County Arizona

I start at initial monument marked
A on plat, it being the original monument,
at this point I plant a post 6x6x6
feet long 2 feet in ground, with stone
monument, and mark thereon
G. D. M. C. N°1 from this point the
U. S. M. in T. C. bears S. 10° 32' W
Var. N. 11° 53' E

by obs. to Polaris, taken with Engineer
Sun's Transit "distant 3715 feet"

Thence I run

S. 78° 14' E (by alt. S. 78° 27' E)

Var. N. 11° 53' E

along north end line of Grand Dwyer
and S. end line of S. Ex. Grand Central
Lot 43, and at

150.50 Post marked S. Ex. G. C. N°3 being the
S. E. corner of Lot 43 and at

300.00 Plant Post 6x6x6 feet long 2 feet in
ground and mark thereon G. D. M.
C. N°2, from this point the S. E. Cor
of N. E. ¼ Sect. 13. T. 20. S. R. 22 E. of
Grand S. R. Band M. bears

N. 88.12' E

Var. N. 11.53' E

distant 7203 feet

Thence I run

S. 35° 53' W

Var. N. 11° 53' E

along East side line of Grand Dwyer
and west side line of Onix and
Rodman and at

220.00 Creek course S. 80° E

380.00 Creek course S. 80° E

420.00 Creek course N. 40° E

447.00 N. W. corner Bunker Hill bears S. 54.7' E. 13 feet

620.00 Creek course North.

1212.00 cut N. side line of Rattlesnake Mining
claim

course S. 75° 53' W

Var. N. 11° 53' E

Field Notes of Survey of The Grand Dipper Mine Continued

Feet distant 140 feet to its N.W. corner at which point I plant post 4' x 4' x 5 feet long 2 feet in ground, with stone monument and mark thereon G.D. M.C. No 4. also R.N.W.C. at intersection of E. line of Grand Dipper, and N. line of Rattlesnake I plant post, 6' x 6' x 6 feet 2 feet in ground with stone monument and mark thereon G.D. M.C. No 3. Thence continuing along E line of Grand Dipper at

1350.00 creek course N. 85° E.

1360.00 I plant post 4' x 4' x 4 feet long 2 feet in ground with monument of stones and mark thereon S.E. cor. G.D. from this point the original S.E. Corner of Grand Dipper stands

S. 35° 53' W

var N. 11° 53' E

distant 73.30 feet

Thence I run from post S.E. cor. G.D.

N. 78° 14' W

var N. 11° 53' E

and at

61.30 Cut W. end line of Rattlesnake location and plant Post 6' x 6' x 6 feet long 2 feet in ground with stone monument and mark thereon G.D. M.C. No 5 from this point going.

N. 7° 31' E

var N. 11° 53' E

along W. end line of Rattlesnake at

10.00 creek course East. and

73.08 N.W. corner of Rattlesnake, Post. marked G.D. M.C. No 4.

From Post No 5 I run

N 78° 14' W

var N. 11° 53' E and at

15.70 creek course N. 80° E - at

110.70 Shaft 6 feet deep 6 x 4 feet bears ^{N.} 11° 86' E

700

$$\begin{array}{r} 77 \\ 6130 \\ \hline 5.30 \end{array}$$

$$\begin{array}{r} 165 \\ 6130 \\ \hline 103.30 \end{array}$$

$$\begin{array}{r} 322.40 \\ 6130 \\ \hline 261.10 \end{array}$$

Field Notes of Survey of Grand Dipper Mine Continued

Feet.	distant 25 feet and at
261.10	The original South Center of Grand Dipper and N. Center of Emerald. I plant Post 6" x 6" x 6 feet long. 2 feet in ground with monument of stones and mark thereon G. D. M. C. No 6, from this point the original S. E. corner of Grand Dipper bears S. 65° 12' E var N. 11° 53' E distant 300 feet. _____ From Post No 6 I run N. 65° 12' W var N. 11° 53' E along South line of Dipper and N end line of Emerald and at
298.50	I Plant Post 6" x 6" x 6 feet long. in monument of stones and mark thereon G. D. M. C. No 7. This Post stands on the S. E. end line of The Anchor Claim Lot 116. and bears N. 25° 38' E var N. 11° 53' E _____ from Post marked A. M. C. No 5. dist. 154 ft. Thence from Post No 7 I run N. 37° 39' E var N. 11° 53' E along West side line of Grand Dipper and E line of Stage Line claim and at.
126.00	Post marked A. M. C. No 4 bears N. 52° 21' W. 24 feet dist.
250.00	Top of hill
677.00	S. E. cor of Stage Line
860.00	Creek Course East
980.00	E. Center of Stage Line
1289.00	Creek course S. 85° E
1305.00	I plant post 6" x 6" x 6 feet long 2 feet in ground with stone monument and mark thereon G. D. M. C. No 8 from this point the original N. W. cor of G. Dipper bears.

Field Notes of Survey of Grand Dipper Mine Continued 7

Feet.

N 78° 14' W

var N. 71° 53' E

distant 71 feet.

From post 8 Iron

S. 78° 14' E

var N. 71° 53' E

along N end line of Grand
Dipper and S. End line of S. Ex
of Grand Central and at

154.14

Post marked S. Ex G.C. N^o 4 (Lot 43)

160.00

Shaft 100 feet deep 6 x 4 feet bears

S. 11° 46' W

var N. 11° 53' E

distant 195 feet, and at

270.00

Cut on ore body 2 x 2 x 2 feet bears

S. 11° 46' W

var N. 11° 53' E

distant 60 feet to N.W. cor of cut.

300.00

I close on the initial monument
of Grand Dipper. Post marked
G. D. M. C. N^o 1 enclosing a

Total area of 17.49 ac

In conflict with Rattlesnake 20

Area clear -- 17.29 ac which

area is claimed by present
applicant. The area in conflict
with Rattlesnake is not claimed
by present applicant.

The above mine is situated
about 1½ miles South of City of
Tombstone Cochise Co Arizona
Territory, and on rolling ground
with a little underwood but no
large timber. The improvements
consist of Shaft 100 feet 6 x 4 feet
Shaft 6 x 4 x 6 feet and cut 2 x 2 x 2
feet. The value of said improvements
is over \$1000 and was done by present
applicant and his grantors

Field notes of Survey of Grand Depper continued

The line from Post No 5 to Post No 6 was run so as to be parallel to the North end line and the small piece of land between it and the original South line of Grand Depper abandoned, and relocated.

Surveyed this 3rd day of Sept. 1883

A. J. Mitchell
U. S. D. M. S.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & MILL SITES.

A LIST of the 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

Grand Dipper Mining Claim located in Tombstone Mining District, Cochise County, Arizona, showing the respective capacities in which they acted.

- B. Taylor Chainman.
W. Hobbs Chainman.
W. Garland Axeman.
Flagman.

WE hereby certify that we assisted A. J. Mitchell U. S. Deputy Surveyor, in surveying The Grand Dipper Mining Claim claimed by E. B. Gage located in Tombstone Mining District, Cochise County, and in Township No 205 Range No 22 E of the Gila and Salt River base and meridian, Arizona, and that said Survey has been in all respects, to the best of our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

- B. Taylor Chainman.
William Hobbs Chainman.
Wm Garland Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 3rd day of September 1883

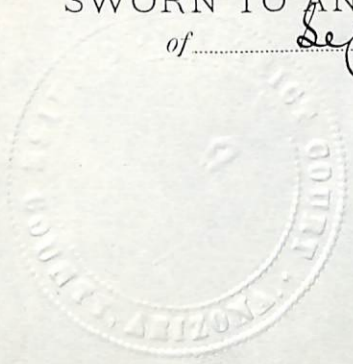
A. J. Mitchell Notary Public

I, A. J. Mitchell U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 8th day of June 1883, 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 of ground known as The Grand Dipper Mine claimed by E. B. Gage located in Tombstone Mining District, Cochise County, Arizona, as are represented in the foregoing field-notes as having been surveyed under my directions; 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.

A. J. Mitchell Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 5th day of Sept 1883

J. E. Penney Dep. Clerk Cochise Co. Dist Court



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, William Hobbs and L. Taylor
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Grand Ripper
mining claim, situate in Tombstone
Mining District, Cochise County, Arizona
Territory, for which E. B. Gage and
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 appli-
cant - and his grantors exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

William Hobbs
L. Taylor

TERRITORY OF ARIZONA,

County of Cochise } SS.

SWORN AND SUBSCRIBED before me, this 3^d
day of September 1883.

A. J. Mitchell
Notary Public



10-10 A. M.

12

S. W. Carpenter, County Recorder
By F. W. Hatch, Deputy.

TERRITORY OF ARIZONA, } ss.
County of Pima.

I, Chas. R. Drake, 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 Location Notice of the "Grand Dipper Mine"

as appears of Record now in my Office in Book ^{K Records of Mines} Pages 518 & 519.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this Sixth day of June A. D. 1889.

Chas R Drake

County Recorder,



"Grand Dipper Mine."

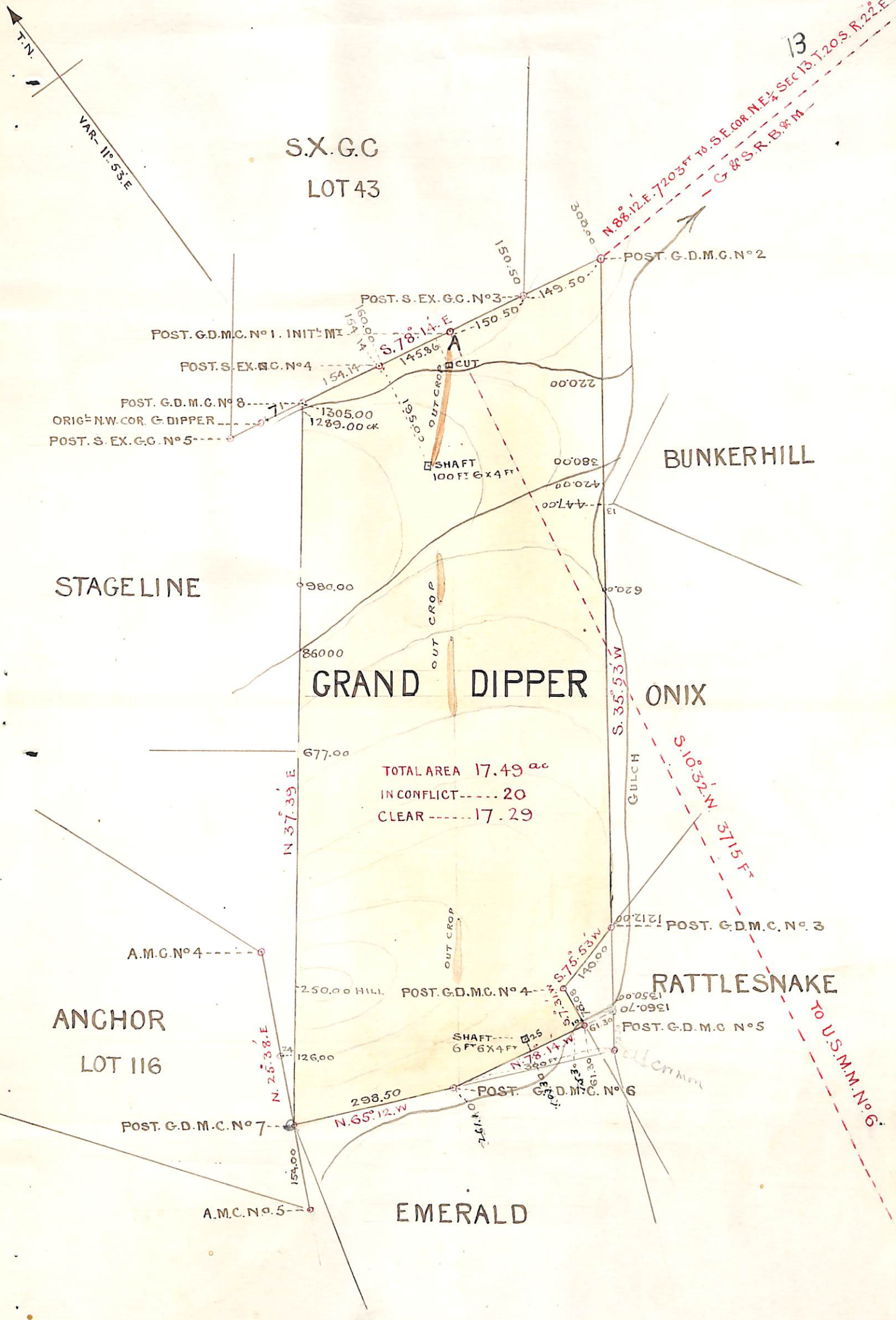
Location Notice. Notice is hereby given, that the undersigned in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, has this day located and claim 1500 hundred linear feet along the course of this lead, lode or vein of mineral-bearing quartz, and 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Tombstone Mining District, County of Pima, Arizona, and more particularly described as follows, to-wit: Commencing at this monument of stones being the center of the North end of claim and upon which this notice is posted; thence Easterly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones, being the center of South end of claim; thence Westerly 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Easterly 300 feet to place of beginning. This claim is situated 1500 feet Southerly from the "Grand Central" location, and joins on the South end of "South Extension Grand Central" location, and shall be known as the Grand Dipper Mine. Located April 4", 1880.

Charles A. Shibell.

C. M. Bullard

A. J. Mitchell

Filed and recorded at request of
Chas. Shibell May 24" A.D. 1880, at



S.X.G.C.
LOT 43

BUNKERHILL

STAGELINE

GRAND DIPPER

ONIX

TOTAL AREA 17.49 ac
IN CONFLICT 20
CLEAR 17.29

RATTLESNAKE

ANCHOR
LOT 116

EMERALD

13

SCALE 200 FT TO 1 INCH

A. J. Mitchell
U. S. D. M. S.
Sept. 3rd 1883

U. S. Surveyor General's Office,

Tucson, Arizona, *September 11th* 188*3*.

The foregoing field notes of the survey of the *Grand Wipper*

Mining Claim situate in

the *Ironstone* Mining District, *Coahise*

County, Arizona, claimed by *E. B. Gage*,

survey executed by *A. J. Mitchell* 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.

J. W. P. Smith
Surveyor General.