

MS

0

0

4

0

1

LOTS NO. 45 A+B

Surveys Nos. 401 & 402,

Field Notes

of the survey of the

Sigma Epsilon

Mining and Mill-Site Claims

Situate in Tyndall mining district,

County of Pima and in Sec. _____, Tp _____

Range _____, of the Gila and Salt River Meridian.

Arizona.

Claimed by Dana Harmon

Survey executed by George I. Roskrugs D. S.

Under instructions dated May 4th 1882

Survey commenced May 9th 1882

Survey completed May 11th 1882

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, G. W. Richards and M. J. Rundage

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.

G. W. Richards
M. J. Rundage

SWORN to and subscribed before me, this eight day
of May, 1882

George J. Roskrug
Notary Public

I, Saml. N. Van Pelt

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

Saml. N. Van Pelt

SWORN to and subscribed before me this eight day
of May, 1882

George J. Roskrug
Notary Public

Field Notes of the
Survey of the Exterior Boundaries

3

of the
Sigma Epsilon Mining Claim

Situate

in the

Tyndall Mining District

Santa Rita Mountains

Pima County Arizona

Claimed by

Dana Harmon

Surveyed by

George J. Roskrug

U. S. Dep. Min. Surveyor

under instructions from the U. S. Surv. General
dated 4th May 1882.

Survey commenced May 9th 1882.
Survey completed May 9th 1882.

Field Notes of the Survey of the Sigma²
Epsilon Mining Claim, Tyndall Mining District, Pima Co. A.S.

Feet I commence at the initial mon-
 ument of claim, where notice
 of location is posted. (this notice
 I found in a monument built on top of a boulder
 with small cedar shrub as described in the notice
 of location)

On the South East side of the boulder
 and within a few inches of the original
 monument, I set a red wood post
 4 feet long, 4 in square, firmly in
 the ground, marked S.E. I.M. N^o. 1.
 and build around it a monu-
 ment of stones 2 feet high -

From which the U.S.M.N. N^o. 11. t.t.
 Tyndall Mining District, bears
 N 79 1/2° W. 3265 feet distant -

The initial mon^t of the Sigma
 Epsilon Mill site claim, marked
 S.E.M.S I.M. N^o 1 bears S 62 3/4° W 19010 feet
 distant.

Thence

S 7 1/4° E

Var 12° 35' E as per obs on Polaris

100 Shaft 16 x 5 x 7 feet exposing ledge on line

252 Cut 6 x 6 x 2 feet 12 feet left of line

383 Cut 9 x 8 x 2 feet 5 feet left of line

700 To a monument of stone marking
 the center of the East end of claim
 where I set a red wood post 4 feet
 long, 4 in square firmly in the
 ground, marked S.E. N^o. 11. and
 build around it a monument of
 stones 2 feet high. From which
 An Oak 8 in diam bears N 44° W. 36 feet distant
 marked S.E. N^o. 11. B.T.

An Oak 10 in diam bears S 73° W. 45 feet distant
 marked S.E. N^o. 11. B.T.

Thence

N 7 3/4° E.

Var 12° 35' E

300 To a monument of stones mark-
 ing the N.E. corner of claim, where

5

Field Notes of the Survey of the Sigma Epsilon
 Mining Claim, Tyndall Mining District - Pima Co. A.T.

Feet I set a red wood post 4 feet long
 4 in square firmly in the ground
 marked S.E. N^o. III. and build around
 it a monument of stones 2 feet high
 from which -

An Oak 5 in diam bears S 11 1/2° W. 26 feet distant
 marked S.E. N^o. III. B.T.

An Oak 14 in diam bears S 8 1/2° W. 36 feet distant
 marked S.E. N^o. III. B.T.

Thence

N 75° 10' W

Var 12° 35' E

686 Intersect East End line of the Mammoth
 Mining claim ^{unsurveyed} at a point N 45° 50' E
 90 feet distant from the monument
 marking its S.E. corner

1500 To the monument marking the N.W.
 corner of claim where I set a red wood
 post 4 feet long, 4 in square, firmly in
 the ground, marked S.E. N^o. IV. and build
 around it a monument of stones -
 from which

An Oak 6 in diam bears S 70° W. 23 feet distant
 marked S.E. N^o. IV. B.T.

An Oak 4 in diam bears S 36° W. 23 feet distant
 marked S.E. N^o. IV. B.T.

Thence

S 17 3/4° W

Var 12° 35' E

200 To a monument of stones marking
 the center of the West End of claim
 where I set a red wood post 4 ft long
 4 in square, firmly in the ground
 marked S.E. N^o. V. and build around
 it a monument of stones 2 feet high
 from which

An Oak 14 in diam bears S 59° W. 9 feet distant
 marked S.E. N^o. V. B.T.

An oak 8 in diam bears S 18° E. 11 feet distant
 marked S.E. N^o. V. B.T.

Thence

S 17 3/4° W -

*

6 4

Field Notes of the Survey of the Sigma Epsilon
Mining Claim, Tyndall Mining District, Pima Co., Arizona

Feet

Var $12^{\circ}35'E$

72

Intersect the South side line of the
Mammoth Mining Claim at a
point $N 89^{\circ}W. 587$ feet distant from
a monument marking the S.E. corner.

300

To a monument of stones marking
the S.W. corner of claim, where I set a
red wood post 4 feet long 4 in square
firmly in the ground, marked S.E. N. VI.
and build around it a monument
of stones 2 feet high.

Thence

$S 71^{\circ}E$

Var $12^{\circ}35'E$

1500

To a monument of stones marking
the S.E. corner of claim, where I
set a red wood post 4 feet long 4 in
square, firmly in the ground, marked
S.E. N. VII. and build around it a
monument of stones 2 feet high.

from which
An oak 10 in diam bears $N 31^{\circ}E. 32$ feet distant
marked S.E. N. VII. B.T.

An oak 12 in diam bears $N 43^{\circ}E. 39$ feet distant
marked S.E. N. VII. B.T.

Thence

$N 17^{\circ}45'E$

Var $12^{\circ}35'E$

300

To the East Center monument
and place of beginning of ex-
terior boundaries -

Total area 18.94 acres

Area in conflict with Mammoth

Mining Claim (not claimed) 3.12 "

Total of Area claimed 15.82 "

George J. Roskruge
U.S. Dep't. Min. Surveyor

9th May 1882

Measurement of Work

From the Initial mt run N70 $\frac{1}{2}$ W. Var 12°
Feet 35' 6"
70 XXX mouth of cut 20 ft long 4 $\frac{1}{2}$ ft wide
8 ft deep at back, at back of this cut is
Tunnel 25 ft long 6 x 4 $\frac{1}{2}$ feet running
on ledge and Bearing S70 $\frac{1}{2}$ ° E
500 Cut 8 x 4 x 2 ft.

From the Initial mt run S72 $\frac{1}{4}$ ° E, same var
100 Shaft 16 x 7 x 5 feet
252 Cut 6 x 6 x 2 feet - 12 feet left
383 Cut 9 x 8 x 2 feet 5 feet left

General Description

This claim is located in the Tyndall
Mining District, Pima Co., Arizona on
the S.W. slope of the Santa Rita Mountains
It is about 1 mile north from the well
known Salers hill.

It is bounded on the North
West by the Mammoth Mining
Claim, and on the South by the
Accident Mining Claim. There
are some few rocks on the claim -
The ledge is silver bearing -

More than \$500⁰⁰ worth of work has been
performed on the claim by the present
owner and his grantors -

George J. Roskrige
U.S. Dep. Min. Surveyor

9th May 1882 -

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Sigma Epsilon Mining Claim located in Tyndall Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

S. W. Richards Chainman.
M. J. Bunday Chainman.
Sam'l. K. Van Pelt } Axeman.
Flagman.

WE hereby certify that we assisted George J. Roskruge U. S. Deputy Surveyor, in surveying the Sigma Epsilon Mining Claim claimed by Dana Harmon located in Tyndall Mining District, Pima 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 our knowledge and belief, well and faithfully executed, and the boundary monuments planted according to the instructions furnished by the Surveyor General.

S. W. Richards Chainman.
M. J. Bunday Chainman.
Sam'l. K. Van Pelt } Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 11th day of May 1882.

George J. Roskruge
Notary Public

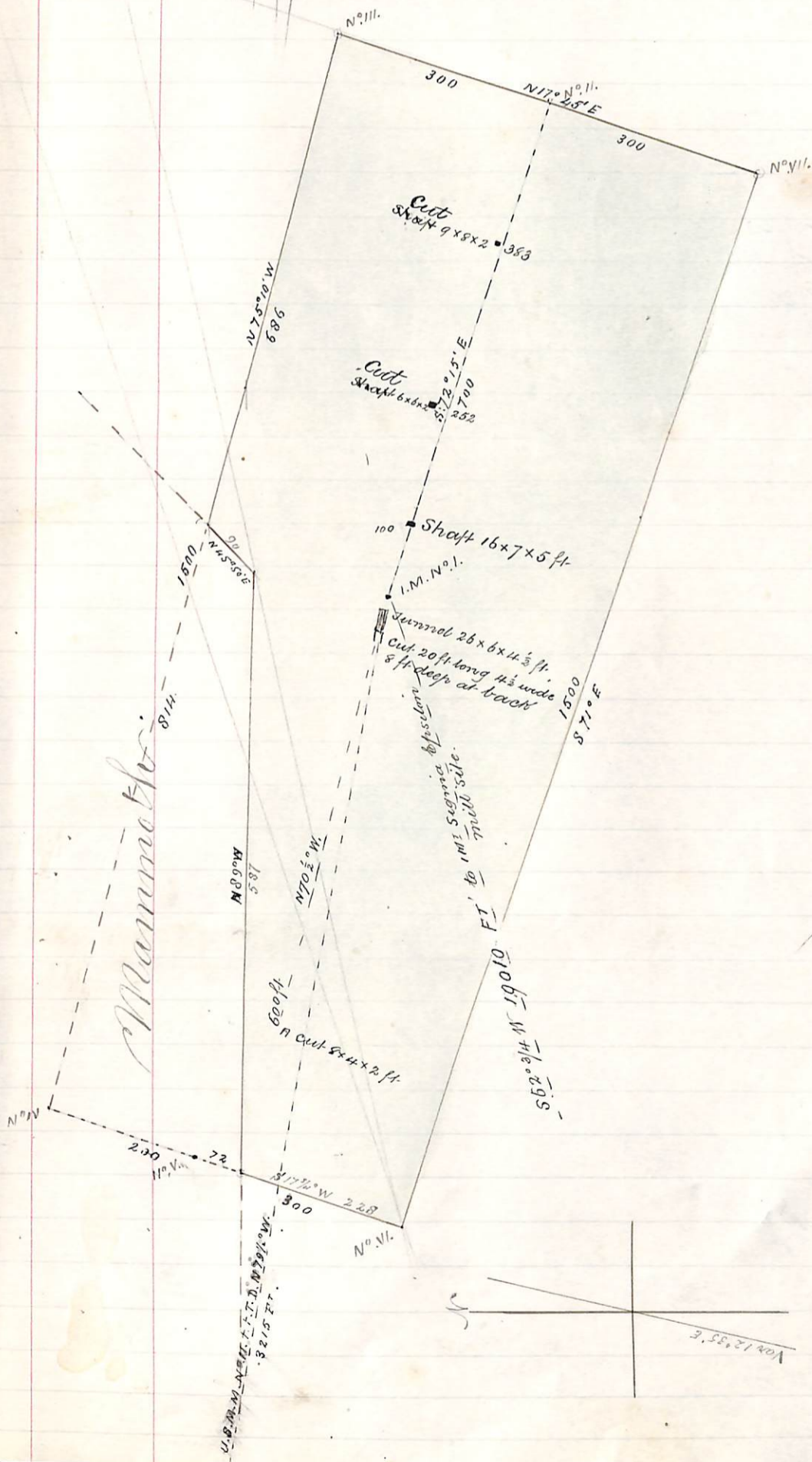
I, George J. Roskruge U. S. Deputy Surveyor, do solemnly swear that in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 4th day of May 1882, I have well, faithfully and truly, in my own proper person, and in strict conformity with the instructions furnished by the Surveyor-General and the laws of the United States, surveyed all those portions of the Sigma Epsilon Mining Claim claimed by Dana Harmon located in Tyndall Mining District, Pima 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.

George J. Roskruge Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 20th day of May 1882.

Paul Rieckler
Notary Public

Plat
 of
The Sigma Epsilon Mining Claim
 Tyndall District Pima Co. Arizona
 Claimed by
 Dana Harmon



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *David W. Neil* and *George W. Seay*

of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the

Sigma Epsilon mining claim, situated in *Fyndall*
Mining District, *Pima* County, Arizona
Territory, for which *Dana Harmon* 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 grantor exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

David W. Neil
George W. Seay

TERRITORY OF ARIZONA,
County of *Pima* } SS.

SWORN to and subscribed before me, this *27th* day

of *July* 188*2*

George J. Roskruege
a notary Public

Sigma Epsilon.

Sigma Epsilon Mine. - The undersigned Dana Harmon, a citizen of the United States, does hereby this day locate and claim, in accordance with the laws of the United States and of the Territory of Arizona, one mining claim of fifteen hundred (1500) linear feet along the course of this lead lode or vein of mineral bearing quartz, together with three hundred (300) feet on each side of the same, situated in Tyndall Mining District, Santa Rita Mountains County of Pima Territory of Arizona, more particularly described as follows, to wit: Commencing at a monument of stones (in which is placed a copy of this notice) built on top of a large boulder on said vein near a small cedar shrub or tree, running thence easterly (700) Seven Hundred linear feet along the course of said lead lode or vein to a monument of stones placed at the center east end of said claim, and from said initial monument and notice (800) Eight hundred linear feet westerly along the course of said lead, lode or vein to a monument of stones placed at the center west end of said claim together with (300)

three hundred feet on each side of said ¹² lead lode or vein, corner monuments of stones for the four corners of said claim have been and are erected at each and every corner thereof. Said claim shall be known as the Sigma Epsilon mine and lies about one and a half miles northerly from Salero Hill. - Dated May fourth Eighteen hundred and Eighty-one.

Dana Harmon
Locator.

Filed and recorded at request of Dana Harmon May 6th A.D. 1881, at 4.27 P.M.

Chas. R. Drake
County Recorder.

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 the location notice of the *Agua-
Fria* mine

as appears of Record now in my Office in Book *Record of Mines* *A* Pages *5-48-49*

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *3rd* day of *May* A. D. 188-*2*

Chas R Drake

County Recorder,



U. S. Surveyor General's Office.Tucson, Arizona, August 12th 1882

The foregoing field notes of the survey of the Sigma
Epsilon Mining Claim situate in
the Tyndall Mining District, Pima
County, Arizona, claimed by
Dana Harmon
survey executed by George I. Roskruger 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. Robinson

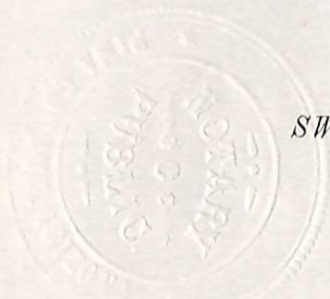
Surveyor General.

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, S. N. Richards and M. J. Brundage
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.

S. N. Richards
M. J. Brundage



SWORN to and subscribed before me, this eight day
of May, 1882

George J. Roskrug
Notary Public

I, Saml R. Van Pelt
do solemnly swear that I will well and truly perform the duties of Placeman
and Assman according to instructions given me,
and to the best of my skill and ability.

Saml R. Van Pelt

SWORN to and subscribed before me this eight day
of May, 1882



George J. Roskrug
Notary Public

Field Notes of the
Survey of the Exterior Boundaries

16

of the
Sigma Epsilon Mill Site Claim

Situate

in the

Tyndall Mining District

Santa Rita Mountains

Pima Co. Arizona

Claimed by Dana Harmon

Surveyed by

George J. Posthugge

U. S. Dep. Min. Surv.

Under instructions from the U. S. Surv. Genl.
dated 4th May 1882

Survey commenced May 11th 1882

Survey completed May 11th 1882

Field Notes of the establishing of U.S. Mineral Monument

No. 111.

Tyndall Mining District. Pima Co. Arizona.

On the summit of Mount Harmon a prominent black hill of granite formation. I set a red wood post 12 feet long 4 ins square. firmly in the ground and build around it a monument of stone 6 feet at base and 5 feet high. I mark post U.S. M.M. No. 111. T.D. + + +. From which

Var $12^{\circ}35'E$ as per observation on Polaris. Old Baldy the highest peak in the Santa Rita Mountains bears $N29^{\circ}50'E$ The Babaguiriri peak bears $N73^{\circ}W$.

Old Salero house bears $N81^{\circ}50'E$ $2\frac{1}{2}$ miles distant.

Tunnel on the Sigma Epsilon mining claim bears $N73\frac{1}{2}E$ about $3\frac{1}{2}$ miles distant.

Cofferson hill bears $N7\frac{1}{4}40'E$ about $3\frac{3}{4}$ miles distant.

Salero hill bears $N80^{\circ}50'E$. about 3 miles distant.

George J. Roskrieger
U.S. Dep. Min. Surveyor

X May 14. 1882.

Feet Commence at the Initial monument
 of claim where notice of location
 is posted.

I set an ash post 4 feet long
 4 in square firmly in the ground
 marked S.E.M.S.I.M. N^o. 1. and build around
 it a monument of stones 2 feet high.
 From which the head of a spring bears N55°W. 115 ft. dist.

" " " " N58°W 75 " "

" " " " N87°W 38 " "

" " " " S29°E 34 " "

An oak 10 in diam. bears N72°E 23 feet distant

Marked S.E.M.S.I.M. N^o. 1. B.T.
 The Initial M^t of the Sigma Epsilon m^g claim bears N62³/₄°E 19,010 feet
 Thence

N 35¹/₂° E

Var 12° 38' E as per observation on Polaris
 Line running up a little ravine -

148 To a monument of stones marking
 the Centre of the North end of claim.
 where I set an ash post 4 feet long
 4 in square firmly in the ground
 marked S.E.M.S.I.M. N^o. 11. and build
 around it a monument of stones
 2 feet high - From which

An Oak 10 in diam. bears S20°W. 43 ft. dist.
 marked S.E.M.S.I.M. N^o. 11. B.T.

Thence

S 54¹/₂° E - 5

Var 12° 38' E

181¹/₂ To a monument of stones marking
 the N.E. corner of claim where I set an
 ash post 4 feet long 4 in square firmly
 in the ground marked S.E.M.S.I.M. N^o. 11.
 and build around it a monument
 of stones 2 feet high -

Thence

S 35¹/₂° W

Var 12° 38' E

600 To a monument of stones marking
 the S.E. corner of claim where I set
 an ash post 4 feet long 4 in square
 firmly in the ground, marked

Field Notes of the Survey of the Sigma Epsilon
 Mill Site claim Tyndall Mining District, Pima Co. Arizona.

343 Feet S.E.M.S. N^o. IV. and build around it a monument of stones 2 feet high.

Thence
 N 54 1/2° W

Var 12° 38' E

To a monument of stones marking the S.W. corner of claim where I set an ash post 4 feet long 4 in square firmly in the ground marked S.E.M.S. N^o. V. and build around it a monument of stones 2 feet high. From which the U.S.M. N. N^o. III. TTT Tyndall Mining District erected on Mt Harmon Bars N 25 3/4° W 3586 feet distant

Thence
 N 35 1/2° E

Var 12° 38' E

600 To a monument marking the N.W. corner of claim where I set an ash post 4 feet long 4 in square firmly in the ground marked S.E.M.S. N^o. VI. and build around it a monument of stones 2 ft high. From which the actual monument of the Sigma Epsilon Mining claim Bars feet distant.

Thence
 S 54 1/2° E

Var 12° 38' E

18 1/2 To the monument marked S.E.M.S. N^o. II. and place of beginning of the Exterior boundary lines containing 5 acres

George J. Roskruege

U.S. Dep. Min. Survey

11 May 1882

General Description

20

This Mill site claim is situated at the Western foot of a large black hill of granite formation, forming part of the S.W. slope of the Santa Rita Mountains lying as it does between that and the Cayetano Range. There are four springs on the claim, which have been opened out by the owner, by the digging of deep trenches, thus securing sufficient water for milling purposes. The springs are enclosed by a wire fence, embracing about one acre.

This claim is located in connection with the Sigma Epsilon Mining Claim. Lot No 45A
From which it is distant ^{562 3/4} 19,010 feet.

The north end is rocky but the balance is 1st class land and level. There are a few oaks on claim. The claim is non mineral in character.

George J. Roskrug
U.S. Dep. Min. Survey

11 May 1882.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Sigma Epsilon Mill Site claim located in Tyndall Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

G. M. Richards Chairman.
M. J. Brundage Chairman.
Saml. K. Van Pelt Axeman.
Flagman.

WE hereby certify that we assisted George J. Roskrue U. S. Deputy Surveyor, in surveying the Sigma Epsilon Mill Site Claim claimed by Dana Harmon located in Tyndall Mining District, Pima County, 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.

G. M. Richards Chairman.
M. J. Brundage Chairman.
Saml. K. Van Pelt Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 16th day of May 1882

George J. Roskrue
Notary Public

I, George J. Roskrue U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 4th day of May 1882, 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 the Sigma Epsilon Mill Site Claim claimed by Dana Harmon located in Tyndall Mining District, Pima 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.

George J. Roskrue Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 20th day of May 1882

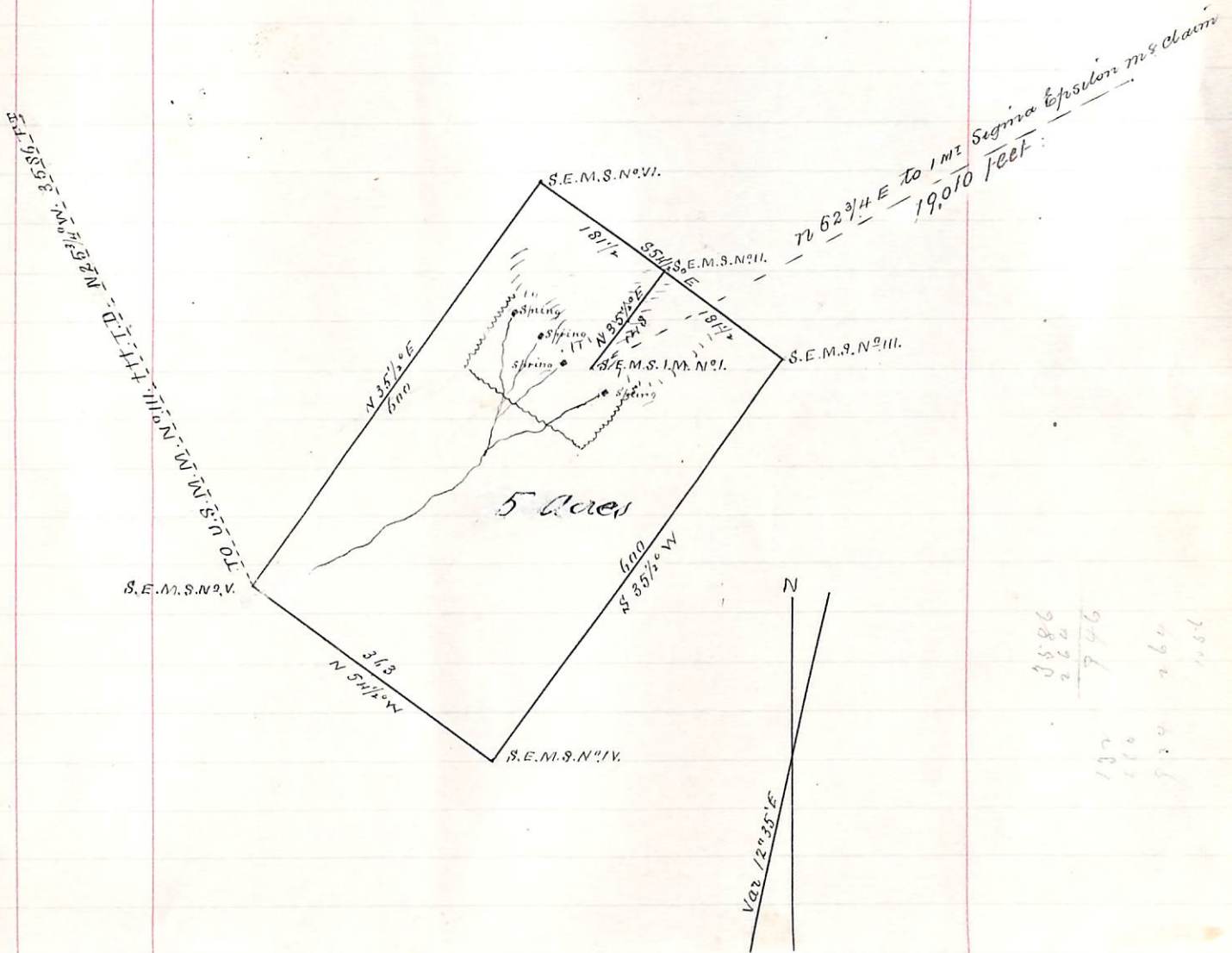
Paul Riceker
Notary Public

Plat
of

The Sigma Epsilon Mill site claim
Tyrndall Mining District - Pima Co. Arizona

22

Claimed by
Dana Harmon



3586	
262	
746	
132	
410	
542	
264	
1151	

NON-MINERAL AFFIDAVIT.

TERRITORY OF ARIZONA,

County of

Pima

ss.

G. M. Richards and *M. J. Brundage* 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 *Sigma Epsilon* mill-site claim situated in *the Tyndall mining district*

~~Gila and Salt River Meridian~~, in the County of *Pima* and Territory of Arizona, claimed by *Dana Hasmon* appli-

cant 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 *George J. Roskruge* 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:

About one acre of land enclosed by wire fence.

Water from four springs fully developed by actual labor performed and that he has no interest whatever in said described mill-site claim.

G. M. Richards
M. J. Brundage

SUBSCRIBED AND SWORN to before me this *16th* day of

May A. D. 18*82*; and I hereby certify that the foregoing affidavit was read to the said *G. M. Richards* and *M. J.*

Brundage previous to their names being subscribed thereto, and that deponents are reputable persons to whose affidavits full faith and credit should be given.

George J. Roskruge
Notary Public

Signa. Epilina Mill site

Mill site location I Dana He arman
 a citizen of the United States do this 28th
 day of October A.D. eight hundred and
 eighty one hereby locate and claim five
 acres of land as a mill site situated on
 the south west slope of the Santa Rita
 Mountains in Pima County Territory
 of Arizona and contained within the
 boundaries as hereinafter more particu-
 larly described together with all the
 waters of the spring or springs situ-
 ate and lying within said boundaries
 commencing at the initial monument
 of stones (in which is pasted a copy of
 this notice) erected at a point distant
 from the four principal outlets of said
 spring or springs as follows To wit
 about thirty three feet north west from
 the first or most easterly of said out-
 lets about 33 feet easterly from the
 second in order of said outlets about
 60 feet 100 south ^{of each} from the third in order
 of said outlets and about one hun-
 dred feet 270 south of east from the
 fourth or most westerly of said out-
 lets and distant about one and one quar-
 ter (1 1/4) miles south westerly from the

Old Hacienda de Santa Rita and
 about two and one quarter ($2\frac{1}{4}$) South
 westerly from Salero Hill in Tynadal Min-
 ing District in said Pima County and
 about seven mile easterly from the village
 of Tubac. said Pima County and run-
 ning thence from said initial monument
 one hundred and forty eight feet about
 20° east of north to a monument of
 stones erected on the northerly boundary
 line of said Mill site running thence
 at right angles about 70 degrees south
 of east eleven rods to a monument of
 stones being the northeast corner of
 said Mill site running thence at
 right angles about 70 degrees west
 of south thirty six $\frac{1}{4}$ rods to a mon-
 ument of stone being the south east
 corner of said Mill site running thence
 at right angles about 70 degrees north
 of west twenty two (22) rods to a
 monument of stones being the south
 west corner of said Mill site running
 thence at right angles about 70 degrees
 east of north thirty six $\frac{1}{4}$ rods to
 a monument of stones being the north
 west corner of said Mill site running

thence at right angles about 20 degrees south of east eleven rods to a monument of stones being the second above named monument thence at right angles or thereabout along the first named course and distance southerly one hundred and forty eight feet to said initial monument of stones, containing in all five acres or thereabout of land and embracing said spring or springs the above named courses are all taken without regard to the magnetic variation at said mill site said claim or location is for a mill site for the erection of works for the reduction of the ores of the Sigma Epsilon mine in said Tynard Mining District located by the undersigned May 4th 1881 and recorded in Book C. Page 548-9 record of Mines of said Pima County to which record reference is hereby made for a more particular description thereof
 Dated October 7th 1881

Dana Harmon
 Locator and Claimant,

filed and recorded at request of Dana Harmon

Dec 6th AP. 1881 at 8.30 AM.

Chas R Drake
County Recorder

27

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 the location notice of the signature of Paulina
mill site

as appears of Record now in my Office in Book

mill sites

Pages

309-310

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this 3rd day of May A. D. 1881

Chas R Drake

County Recorder,



U. S. Surveyor General's Office

Tucson, Arizona, August 12th 1882.

The foregoing field notes of the survey of the Sigma
Epsilon Mining Mill Site Claim situate in
the Tyndall Mining District, Pima
County, Arizona, claimed by _____
Dana Harmon
survey executed by George I. Roskrugs 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. Robbins

Surveyor General.