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Lots No. 38 A. & B.

Field Notes

of the survey of the Belmont
Mining Mill-Site Claim
Situate in the Santa Cruz range
of mountains, in the southern part
of Pima Co. Arizona Territory
Claimed by the San Antonio
Mining Co. Thos. M. Yerkes. Agt.
Surveyed by Theo. F. White,
U.S. Dep. Sur., under instructions
from the Surveyor General for Arizona
dated September 17, 1873.
Survey executed Sept. 20-22, 1873

Belmont

Belmont

Preliminary Oaths for Surveys of Mining Claims and Mill-Sites.

OATHS OF ASSISTANTS.

WE, A. G. Elliott and Thos. M. Yerkes

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.

A. G. Elliott
Thos. M. Yerkes

Sworn to and subscribed before me, this 14th day
of September 1873

William J. Osborn
Probate Judge

I, V. Ed. Magender

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

V. Ed. Magender

Sworn to and subscribed before me this 14th day
of September 1873

William J. Osborn
Probate Judge

Survey of the Belmont Mining Claim Located in Pima Co. Arizona.

Series

I find the ledge here to be N.W. and S.E. 36°. Commencing at the N.E. cor. of the claim I set apart 4 ft. long, squared 3 in. at top, in ground 1 ft. with mound of stone 2 ft. high and marked "B. No. 1." from which

- A white Oak 15 in. dia. has S. 76 1/2° E. 20 lbs. dist
- " black " 7 " " " N. 45 1/2° W. 48 " "
- " white " 9 " " " S. 76 1/2° W. 45 " "
- " black " 8 " " " S. 10 1/2° W. 24 " "

All of which I blaze and mark "B. No. 1." From this cor. the top of a bare quartz bluff, a prominent land mark in the vicinity of the mine and to be seen for a long distance has S. 11 1/2° W. and is by calculation 40.80 chs. dist

From this cor. I run along N. end of claim S. 51° W.

var. 12° East

As found by observation of the North Star)
Descending along N.W. slope of hill.

3.59 Small ravine runs N.E.

9.09 Or 600 ft. to N.W. cor. of claim, where I set apart 4 ft. long, squared 3 in. at top, in ground 1 ft. with mound of stone 2 ft. high and marked "B. No. II." from which

- A white Oak 16 in. dia. has N. 79 1/2° W. 29 lbs. dist
- " black " 12 " " " N. 24 1/2° E. 51 " "
- " white " 10 " " " S. 27 1/2° E. 18 " "

All of which I blaze and mark "B. No. II." From this cor. top of bare quartzite bluff before noted has N. 5° 40' W. The top of a prominent mountain to the S. has S. 9° 6' E.

Some white quartz croppings on the vein br. S. 87 1/2° E.

From this N.W. cor. I run along W. boundary of claim S. 36° E.

var 12° East

Along near base of hill to the E.

5.55 Small ravine runs W.

8.55 Ravine runs W.

Survey of the Belmont Mining Claim

Located in Pima Co. Arizona.

Tram Continued

- 10.45 Top of ridge extending S.W.
- 11.45 Small ravine runs S.W.
- 16.65 do " S.W.
- 21.75 Ravine " S.W.
- 23.85 do " S.W.
- 27.75 Top of ridge of quartz rock extending to the S.W.
- 30.45 Ravine runs S.W. and ascend then steeply.
- 34.85 Face of tunnel bns. from this point S. 77° W. 214 chs. dist. down on side of hill, it is run in toward the ledge 60 ft
- 34.95 Top of hill sloping steeply to the N.W. and S. 4 descend.
- 37.25 Steeper descent
- 45.45 Or 3000 ft. to S.W. cor. of claim where I set a post 4 ft long, squared 3 in at top, 1 ft in the ground, with mound of stones 2 ft high and marked "B. No. III." from which.

A black oak 6 in. dia. bns. S. 84 1/2° W. 17 lbs. dist
 A black oak 7 " " " S. 87° E. 70 " "

From this S.W. cor. I run, along S. end of claim
 N. 54° E.

bns. 17° E.

Ascending S.W. slope

- 2.09 Ravine runs S.
- 6.09 Broken crossings 1 ch. wide; from this point along the line of the ledge N. 36° W. 2.42 chs. dist. the ledge has been stripped and sunk on to some little depth for the length of 1.30 ch.
- 9.09 Or 600 ft. to S. E. cor. of claim, where I set a post 4 ft long, squared 3 in at top, in the ground 1 ft with mound of stones 2 ft high and marked "B. No. IV." from which
 A black oak 16 in. dia. bns. S. 72° E. 17 lbs. dist
 do. 13 " " " S. 17° W. 53 " "
 which I blaze and mark "B. No. IV."
 From this cor. the top of prominent mountain to the S, before noted, bns. S. 4 1/2° E. and is by calculation 460.10 chs. dist

Survey of the Belmont Mining Claim

Located in Pima County Arizona

From the S. E. cor. Dam, along E. boundary of claim
N. 36° W.

var. 12° East

Ascending S. E. slope

1.75 Top of slope and descend.

10.45 Ravine runs S. E. small stone house 2 Chs. E.

21.45 Main shaft br. from this point S. $80^{\circ} 50'$ W. 3.79
Chs. dist. This shaft is 5×10 ft. in dimensions.

There were no means at hand to actually measure the depth, but by repeated dropping of a stone and timing its descent, the shaft was found to be a little more than 140 ft. deep.

From this shaft another shaft, sunk for prospecting, brs. N. $7\frac{1}{2}^{\circ}$ W. 3.40 Chs. dist. This shaft is 6×8 ft. in size, and 20 ft. deep.

34.95 Top of hill and then descend. White quartz outcroppings on claim br. N. 57° W.

45.45 To N. E. cor. of claim, the place of beginning
This claim contains $11\frac{3}{4}$ Acres.

General Description

The country around this mine, is hilly and mountainous. Soil grows some grass. There is considerable oak timber and an occasional cedar and cottonwood, along the ravine by the mill site. The work done on the mine is at the shafts and tunnel above noted. At the main shaft is a horse wheel for hoisting ore. The value of the work and improvements on the mine amounts to several thousand dollars. The ore is quartz rock, carrying principally argentiferous galena, some copper and iron. - The Morry mine that was extensively worked some years ago is between $3\frac{3}{4}$ miles to the N. E.

Theodore F. White,
U. S. Deputy Surveyor.

September 20, 1873.

U. S. Surveyor Genl's Office
Incison N.T. October 4. 1873

The foregoing field notes of the survey
of the Belmont Mining Claim, located
in Pima Co. A.T., claimed by the San
Antonio Mining Company, executed
by Theo. F. White, U.S. Dep. Surveyor,
under instructions from this office,
having been critically examined, and
the necessary corrections and explanations
made, the said field notes and the
survey they describe are hereby ap-
proved.

John Nasson.
Surveyor General.

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Survey of the Mill-Site of the Belmont Mining Claim

Located in Pima Co. Arizona.

Dams At the point selected as the N. E. cor. of the Mill-Site claim, on lower bank, bordering creek, I plant a post 4 ft. long, squared 3 in. at top, 1 ft. in the ground, with mound of stones 2 ft. high, and marked "B. M. S. No. I." from which

A white oak 12 in. dia. brs. N. $64^{\circ}40'$ E. 118 lbs. dist.
" black " 10 in. dia. brs. S. $43^{\circ}20'$ E. 155 " "
" white " 15 in. dia. brs. S $35^{\circ}40'$ W. 165 " "
All of which I blaze and mark "B. M. S. No. I."

From the N. E. cor. Dam
S. $12^{\circ}10'$ W.

var 12° East

(As per observations of North Star)
Descend into creek.

1.30 Bottom of creek 10 lbs. wide, and rise on opposite bank, creek now dry.

2.45 Some old furnaces & iron ruins 17 lbs. W.

10.00 To S. E. cor. of Mill-Site where I set post 4 ft long, squared 3 in. at top, 1 ft. in the ground, with mound of stones 2 ft. high, and marked "B. M. S. No. II" from which

A black oak 10 in. dia. brs. S $74^{\circ}20'$ E. 91 lbs. dist.

do 12 " " " S. $47^{\circ}40'$ E. 97 " "

A white oak 10 " " " N. $18^{\circ}05'$ W. 107 " "

do 14 " " " S. $11^{\circ}25'$ W. 104 " "

All of which I blaze and mark "B. M. S. No. II."

From the S. E. cor. Dam, along S. boundary of claim
N. $77^{\circ}05'$ W.

var 12° East.

Nearly level

3.92 To face of old adobe house partly in ruins extending N. $12^{\circ}10'$ E. 42 lbs. and S. $12^{\circ}10'$ W. 65 lbs.

4.82 Back wall of corral, back of house, parallel with the W. boundary of Mill-Site.

5.00 To S. W. cor. of Mill-Site where I set post 4 ft long squared 3 in. at top, set 1 ft. in the ground, with mound of stones 2 ft. high, and marked "B. M. S. No. III" from which

Survey of the Mill Site of the Belmont Mining Claim

Located in Pima Co. Arizona

From
A white oak 15 in. dia. bcs. S. 87° 25' W. 83. lvs. dist.
do 10 " " " N. 1° 40' E. 19 " "
which I blaze and mark "B. M. S. No. III."

From this cor. I run along W. boundary of claim
N. 12° 10' E.

var. 12° East

Gently descending

11.93 To N.W. cor. of corral, 10 lvs. E. The corral with house in front extends
S. 77° 50' E. 98 lvs. Front of house thence extends S. 12° 10' W. 128 lvs.

7.86 Descend bank into stream.

9.40 Creek 20 lvs. wide runs E, nor'dy. Ascend opposite bank.

10.00 To N.W. cor. of claim, where set post 4 ft. long, squared 3 in. at top,
1 ft. in ground, with mound of stones 2 ft. high, and marked "B. M. S. No. IV"
from which

A cottonwood 15 in. dia. bcs. S. 9° 55' W. 93 lvs. dist.

A white oak 24 " " " N. 48° 20' W. 42 " "

do 16 " " " S. 82° 10' E. 68 " "

All of which I blaze and mark "B. M. S. No. IV."

From the N.W. cor. I run along N. boundary of claim
S. 77° 05' E.

var. 12° East

Alongside a creek.

.73 Opposite face of old dam across creek.

2.00 Cross arroyo running into creek. S. E.

5.00 To N. E. cor., the place of beginning
The Mill Site contains 5 Acres.

From the N.W. cor. post No. IV., I run a line connecting the Mill Site
with the S. E. cor. of the Belmont Mining Claim at post No. IV., the
bearing and distance being N. 38° 28' W. 15.92 chs.

General Description

The land upon which the Mill Site is located
shows no evidence of metalliferous mineral.
It grows luxuriant grass and large oak trees
scattered over it. Water runs in the creek during

Survey of the Mill Site of the Belmont Mining Claim

Located in Pima Co. Arizona.

Survey continued

and for some time after the rainy season,
and can probably be held in dams during
the whole year.

There are a number of old buildings on it that
were formerly used as quarters for the
miners and workers on the furnaces.

Theodore F. White
U.S. Deputy Surveyor.

September 22, 1873.

Final Oaths for Surveys of Mining Claims and Mill-Sites.

LIST OF NAMES.

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 The Belmont Mining Claim and Mill-Site

located in _____ mining district,
Pima County, Arizona, showing the respective capacities in which they acted.

- Eli A. Elliott Chainman.
- Yerkus Thos M. Yerkus Chainman.
- Foreman U. Ed. Magendis Axeman.
- Foreman U. Ed. Magendis Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Thos F. White
 U. S. Deputy Surveyor, in surveying The Belmont Mining and Mill-Site Claims
 claimed by The San Antonio Mining Co.
 located in _____ mining district,
Pima County, and in Township No. _____
 Range No. _____, of the _____ 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.

- Eli A. Elliott Chainman.
- Yerkus Thos M. Yerkus Chainman.
- Foreman U. Ed. Magendis Axeman.
- Foreman U. Ed. Magendis Flagman.

Sworn to and subscribed before me this 27th day
 of September 1873

William J. Osborn
 Probate Judge

FINAL OATH OF DEPUTY SURVEYOR.

I, Mrs. F. White U. S. Deputy Surveyor do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 14th day of September 1873 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 lines bounding the Belmont Mining and Mill-Site Claims claimed by The San Antonio Mining Company located in Pima mining district, Pima County, and in Township No. _____ Range No. _____, of the _____ base and meridian, 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.

Theodore F. White

Deputy Surveyor.

Sworn to and subscribed before me this 27th day

of September 1873

William J. Osborn
Probate Judge

U. S. Surveyor Genl's Office
Tucson A. T. October 11. 1873.

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The foregoing field notes of the survey of the Mill Site of the Belmont Mining Claim, located in Pima Co. A. T., claimed by the San Antonio Mining Company, executed by Theo. F. White, U. S. Deputy Surveyor, under instructions from this office, having been critically examined and the necessary corrections and explanations made, the said field notes and the survey they describe are hereby approved.

John Passon
Surveyor General.

Field Notes

of the survey of the
Belmont Merong and
Mill-Site Claims.
State in Penna. Co. 45.