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Lots No. 39. N. & B.

Field Notes

of the survey of the San Antonio
Mining and Mill Site Claims
Situate in the Santa Cruz range
of mountains, in the southern part
of Pima Co., Arizona Territory.
Claimed by the San Antonio Min-
ing Co. Thos. M. Yerkes, Agt.
Surveyed by Thos. F. White
U.S. Dep. Sur., under instructions
from the Surveyor General for
Arizona, dated Sept 17, 1873
Survey executed Sept 23-24, 1873

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

OATHS OF ASSISTANTS.

WE, A. G. Elliott and V. Ed. Magendie

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

V. Ed. Magendie

Sworn to and subscribed before me, this 17th day
of September 1873

William J. Osborn
Probate Judge

I, Thos. M. Yerkes

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.

Thos. M. Yerkes

Sworn to and subscribed before me this 17th day
of September 1873

William J. Osborn
Probate Judge

Survey of the San Antonio Mining Claim

Located in Pima Co. Arizona

Trains I find the line of the ledge to be N. E. and S. W. 40° .
I commence at the E. cor. of the claim where I set a post, 4 ft long, squared 3 in. at top, 1 ft in the ground and marked "S. A. No. I." from which a white oak 15 in. dia. bears S. $54\frac{1}{2}^{\circ}$ E. 26 lks. dist. which I blaze and mark "S. A. No. I."
From this cor. the top of prominent mountain to the S., the same which was sighted from the Belmont Claim, bears S. $0\frac{1}{4}^{\circ}$ E.

From this E. cor. I run along N. E. end of claim N. 50° W.

var 12° East.

(As per observations of North Star)

5.00 Shaft on line S. 40° W. 1.00 ch., which is 8 x 9 ft in dimensions; it is sunk to a depth of 21 ft, then a short pitch and then 20 ft deeper.

6.06 Or 400 ft to N. cor. of claim where I set a post 4 ft long, squared 3 in. at top, 1 ft in the ground, with stones piled around it 2 ft high and marked "S. A. No. II" from which

A black oak 15 in. dia. bears N. 50° E. 65 lks. dist.
A white oak 12 " " " S. 78° W. 56 " "
which I blaze and mark "S. A. No. II."

From this cor. a second shaft bears S. 14° W. 5.53 chs. dist. which is 6 x 8 ft in dimensions and 12 ft deep.

From this cor. the top of bare quartzite bluff, the same sighted to from the Belmont Claim, bears N. $60^{\circ}55'$ W. and is 64.91 chs. dist.

This bluff is not visible immediately from the cor. but from top of a ridge to the N. W.

From this cor. I run along N. W. boundary of claim S. 40° W.

var 12° East

Ascending.

3.00 Top of hill and then descend.

5.00 Prospect hole 1 ch. S. E. 4 ft deep.

9.00 Cross deep ravine 20 lks wide, runs S.

Survey of the San Antonio Mining Claim

Located in Pima Co. Arizona.

Runs Continued

14.00 Top of slope extending S.

18.00 Descend

22.727 Or 1500 ft S. E. cor. of claim the place of beginning.

This claim contains $13 \frac{7}{100}$ Acres.

From the S. cor. of the claim, post No. IV. Run S. $33^{\circ}13'W$. 22.98 chs. to S. E. cor. post No. IV. of the Belmont mine, claimed by the San Antonio Mining Co.

General Description

This mine is situated on the hills backed by mountains, in a good grazing country. There is much oak timber, some cedar, and an occasional walnut tree.

The work and improvements on the mine, as fully described in the above notes, have cost much over a thousand or perhaps two thousand dollars.

The ore in the vein is heavily loaded with copper, some silver, and lead and iron.

Theodore F. White

U. S. Deputy Surveyor

September 23, 1873

U. S. Surveyor Gen'l's Office
Tucson A. T. Oct. 11. 1873

The foregoing field notes of the survey
of the San Antonio Mining Claim
situate in Pima Co. Arizona, claimed
by The San Antonio Mining Co, executed
by Geo. P. White, U. S. Dep. Surveyor,
under instructions from this office,
having been critically examined, and
the necessary corrections and expla-
nations made, the said field notes and
the survey they describe are hereby
approved.

John H. Mason
Surveyor General

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Survey of the Mill-Site of the San Antonio Mining Claim

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Located in Pima Co. Arizona.

Chains	From the E. cor. post No. 1. of the San Antonio Mining Claim, I run a compass line to the S. W. cor. of the Mill-Site, as follows;	
	From E. cor. of mine -	var 12° East
	N. 52½° E.	
14.00	To a point.	Thence
	S. 88½° E.	
41.20	To a point.	Thence
	S. 77½° E.	
38.00	To a point	Thence
	S 31° E	
26.00	To a point	Thence
	S 77½° E.	
41.00	To a point	Thence
	S 44° E.	
14.00	To a point	Thence
	N. 81° 20' E.	
74.50	To a point	Thence
	S 81° E.	
8.00	To a point	Thence
	N. 83° 40' E.	
70.00	To a point	Thence
	N. 88° 22' E.	
180.31	To Cottonwood tree on Mill-Site.	Thence
	S 59° 10' W.	
5.06	To S. W. cor. of Mill-Site	
	This gives the bearing and length of a straight line joining the E. cor. of the San Antonio Mining Claim, and the S. W. cor. of the San Antonio Mill-Site	
	S. 84° 24' E. 480.24 chs.	
	I commence at this S. W. cor. where I set post 4½ ft. long, squared 4 in. at top, 1 ft. in the ground, with mound of earth 2 ft high, taken from a pit 6 ft from, on a diagonal N. E. the post, 2 ft square and 18 in deep, and mark the post "S. A. M. S. No. 3"	
	From this cor. I run	
	N. 9° 30' W.	
	var 12° E.	

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Emory of the Mill Site of the San Antonio Mining Claim

Located in Pima Co. Arizona.

From the S.W. cor. of the Mill-Site, Down S. $17^{\circ}44'W$ 193.38 chs, to monument on boundary between the United States and Mexico, in valley at the head of Santa Cruz creek, between 5 and 6 miles North of the town of Santa Cruz in Sonora, Mexico.

This monument is marked on the E. side "W. H. Emory, U. S. B. C. May 15. 1853" and on the N. Side "U. S. Lat. $31^{\circ}20'$ " No other marks could be discovered.

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90 chs. from Mill-Site, in running this line I passed some adobe houses, mostly in ruins known as the houses of the San Rafael settlement, and built some years ago by the San Antonio Mining Co.

General Description

The San Antonio Mill Site is located in the valley, near the head of Santa Cruz creek or river, about seven miles N. of the town of Santa Cruz.

The land is non-mineral, but very rich agricultural: the country around cannot be surpassed for grazing purposes.

There is abundance of permanent water on the site.

Theodore F. White

U. S. Deputy Surveyor

September 24. 1873.

San Antonio

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 San Antonio Mining Claim
and Mill Site

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

A. S. Elliott Chainman.

V. Ed. Magendie Chainman.

Thos. M. Yerkes Axeman.

Thos. M. Yerkes Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Theo. F. White
U. S. Deputy Surveyor, in surveying The San Antonio
Mining Claim and Mill-Site
claimed by The San Antonio Mining Company
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.

A. S. Elliott Chainman.

V. Ed. Magendie Chainman.

Thos. M. Yerkes Axeman.

Thos. M. Yerkes Flagman.

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

William J. Osborn
Probate Judge

Wrote sides

U.S. Surveyor Gen'l's Office
Inceon N.S. October 4. 1843.

The foregoing field notes of the survey of
the Mill-Side of the San Antonio Mining
Claim, situate in Pima Co. N.S. claimed
by the San Antonio Mining Co., executed
by Thos. F. White, U.S. Dep. Surveyor
under instructions from this office, hav-
ing been critically examined, and the ne-
cessary corrections and explanations
made, the said field notes and the
surveys they describe are hereby approved.

John Mason
Surveyor General