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Lots No. 37 1/2 P.

Field Notes

of the survey of the French
Mining and Mill-Site Claims
Situate in Pima County, Arizona.
Claimed by A. P. K. Safford, John
M. Hopkins, J. C. Handy, Thomas
Gardner, R. A. Leachwood and
J. D. Fry.

Surveyed by Theo. F. White, D.S.
Under instructions from Surveyor Gen-
eral, Arizona, dated December 11, 1873
Survey commenced December 15, 1873
Survey completed December 16, 1873.

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

OATHS OF ASSISTANTS.

WE, Henry Brown and Henry Grinnell

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.

Witnesses to Signatures }
A G Elliott
Ar K Safford

Henry Brown ^{his mark}
Henry Grinnell

Sworn to and subscribed before me, this 13th day
of December 1873

William F. Brown
Notary Public

I, Bruno Lara

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.

Witnesses to Signature } A G Elliott Bruno Lara
Ar K Safford

Sworn to and subscribed before me this 13th day
of December 1873

William F. Brown
Notary Public



Survey of the French Mining Claim Situate in Pima County, Arizona

Survey commences at the N.W. cor. of the claim, where I set a post 4 ft long 3 in. squared, 1 ft in the ground, with mound of stones 2 ft high, and mark post "S. M. C." (French Mining Claim.) "No. 1." from which
An oak 15 in. dia. bas. S. 1 1/2° W. 74 lbs. dist.
An oak 10 " " " N. 15 1/4° W. 43 " "
which I mark "S. M. C. No. 1."

The summit of a prominent red peak bas. from this cor. N. 34 1/2° W. and is by calculation 27.35 ch. dist.
Highest point of bold bluff of rocks bas. S. 72° 25' W.

From the foregoing N.W. cor. Run along S.E. side of claim
S. 55° 45' E.

var. 12° 44' East

As per transit observations of North Star
Rise over ridge

- 7.00 Shaft 2 ch. to S.W.
- 8.00 Rains
- 11.36 Central shaft, 2.27 ch. S.W. to s.w. edge of pit
- 12.50 Rains bas. N.
- 16.50 Tunnel, - 1 ch. S. to face of pit
- 20.30 Rains bas. N.
- 22.72 1/2 On 1500 ft. To N.E. cor. of claim, on top of ridge, where I set a post, 4 ft long 3 in. squared, 1 ft in the ground, with mound of earth 2 ft high, taken from two pits on the lines of claim, 1 ft deep, 3 ft long, 1 1/2 ft wide, and mark post "S. M. C. No. II." from which
An oak 9 in. dia. bas. N. 20 3/4° E. 42 lbs. dist.
An oak 7 " " " S. 0° 30' W. 76 " "
which I mark "S. M. C. No. II."

There are no other marked peaks or bluffs in the vicinity of the mine than the ones sighted to from the first corner.

From the foregoing N.E. cor. Run along S.E. end of claim
S. 34° 15' W.

var. 12° 44' East

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Survey of the French Mining Claim

Situate in Pima County, Arizona.

Claims continued

11.00 Little ravine hrs. S. E.

11.54 1/2 On 300 ft. To S. E. cor. of claim, where I set a post 11 ft long, 3 in. squared, 1 ft in the ground, with mound of stones 2 ft high and mark post "J. M. C. No. III." from which

An Oak 30 in. dia. hrs. N. 25 3/4 W. 70 hrs. dist.

An Oak 10 " " " N. 7 1/4 E. 16 " "

which I mark "J. M. C. No. III."

From the foregoing S. E. cor. I run along S. W. side of claim.
N. 55° 45' W.

var. 12° 11 1/4 East

Rise over ridge and then descend

19.70 Deep ravine hrs. W. of N.

21.00 Run hrs. N.

22.72 1/2 On 1500 ft. To S. W. cor. of claim, where I set a post 11 ft long, 3 in. squared, 1 ft in the ground, with mound of stones 2 ft high, and mark post "J. M. C. No. IV." from which

An Oak 8 in. dia. hrs. N. 49 1/4 E. 38 hrs. dist.

An Oak 10 " " " N. 23 1/2 W. 57 " "

which I mark "J. M. C. No. IV."

From this cor. the prominent red peak, before noticed hrs. N. 25° 58' W.

Bald Cliff before referred to hrs. S. 77° 3/4 W. and is by calculation 30.18 hrs. dist.

From the foregoing S. W. cor. I run along N. W. end of claim
N. 34° 15' E.

var. 12° 11 1/4 East

Descend steeply

2.20 Bottom of descent; ravine runs N.

2.25 Tunnel, - 1.05 hrs. S. E. to face of it

Ascend.

4.54 1/2 On 300 ft. To N. W. cor. of claim, the point of beginning

The claim contains 10 ³³/₁₀₀ Acres.

December, 15, 1873

Survey of the French Mining Claim

Situate in Pima Co. Arizona

General Description

The central shaft we had no means to descend into, but according to evidence of claimants it is more than 150 ft deep, with numerous drifts run from it to the right and left; the shaft is 6 ft wide by 5 ft and follows the inclination of the ledge, which dips steeply from the horizon. The second shaft to the N.W. of this is down to a depth of 40 ft.

The tunnel near the N.W. end of the claim is run in on the ledge, a distance of 20 feet. The tunnel near the S.E. end of the claim is run in a distance of 20 ft.

I certify that the value of the labor actually performed on the above improvements by the present claimants exceeds \$500. to wit:

The tunnel near N.W. end of claim has been made entirely by present claimants.

The two shafts and lower tunnel were made by unknown parties, probably under the dominion of the padres, a century ago; the present claimants have taken these old improvements and done work upon them far in excess of \$500.

There are no adjoining claims.

The land in the vicinity of the mine is rolling, hilly and mountainous. The soil produces good grasses, and oak timber is in considerable abundance.

Water is distant about a mile to the East.

Theodore F. White
U. S. Deputy Surveyor.

Survey of the French Mill-Site Claim

Situate in Pima County, Arizona

Survey I commence at the N. E. cor. of the claim where I set a post 4 ft long, 6 in. squared, 1 ft in the ground, build mound of earth 2 ft high, with two pits on the lines of claim, 1 ft deep, 3 ft long, 1 1/2 ft wide, and mark post "S. M. S." (French Mill-Site) "No. I." from which
 An Oak tree, 12 in. dia. hrs. S. 69 1/2° E. 112 lbs. dist.
 A sycamore 15 " " " S. 77 1/2° W. 111 1/2 " "
 which I mark "S. M. S. No. I."

From the foregoing N. E. cor. Run along E. side of Mill-Site.
 S. 24° 15' E.

var. 12° 44' East

As per lines of French Mining Claim.

.65 Bed of stream 5 lbs. wide runs N. E.

7.07 To S. E. cor. of claim, where I set a post 4 ft long, 5 in. squared, 1 ft in the ground, and build mound of earth 2 ft high with pits, on the lines of the claim, 1 ft deep, 3 ft long, 1 1/2 ft wide, and mark post "S. M. S. No. II" from which
 An oak 30 in. dia. hrs. S. 28 1/4° E. 67 lbs. dist.
 An oak 36 " " " S. 42° W. 124 " "
 which I mark "S. M. S. No. II."

From the foregoing S. E. cor., Run along S. side of claim
 S. 65° 45' W.

var. 12° 44' East

1.34 Creek, running water, 5 lbs. wide, runs N.

2.00 Second hill

7.07 To S. W. cor. of claim, on top of hill, where I set a post 4 ft long, 4 in. squared, 1 ft in the ground, and build mound of earth 2 ft high with two pits on lines of claim, 1 ft deep, 3 ft long, 1 1/2 ft wide, and mark the post "S. M. S." "No. III" from which
 An oak 8 in. dia. hrs. N. 70 1/2° E. 55 lbs. dist.
 An oak 15 " " " S. 1 1/2° E. 62 " "

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Survey of the French Mill-Site Claim.

Situate in Pima County Arizona.

Claim which I mark "T.M.S. No. III"

From the foregoing S.W. cor. Iron along W. side of claim,
N. $24^{\circ}15'$ W.

var. $12^{\circ}44'$ East.

Descend.

6.00 Bottom of hill.

6.50 Road to French mine has E. and W.

7.07 To N.W. cor. of claim, where I set a post 4 ft. long,
4 in. square, 1 ft. in the ground, and build
mound of earth 2 ft. high, with 2 pits on lines
of claim, 1 ft. deep, 3 ft. long, $1\frac{1}{2}$ ft. wide, and
mark post "T.M.S. No. IV." from which
An oak tree 24 in. dia. has S. $25\frac{3}{4}^{\circ}$ E. 116 lbs. dist.
A Sycamore 10 " " " N. $33\frac{1}{2}^{\circ}$ W. 90 " "

which I mark "T.M.S. No. IV."
From this cor. the chimney of company's furnace
has N. $76\frac{1}{2}^{\circ}$ E. 4.31 chs. dist.

From the foregoing N.W. cor. Iron along N. side of claim
N. $65^{\circ}45'$ E.

var. $12^{\circ}44'$ East.

3.30 Dry bed of stream, 5 lbs. wide, runs N. of E.

7.07 To N.E. cor. first No. 1, point of beginning
The claim contains 5 Acres

December 16. 1873.

General Description

The land in this vicinity is hilly, except the furnace is located in a pretty little valley near the confluence of two streams. Grass is abundant on the hill sides and there is considerable oak timber. There is no evidence of the land covered by the Mill-Site, being unmineral.

I am of opinion that over five hundred dollars has been expended on the furnace.

Theodore J. White

U.S. Deputy Surveyor.

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Survey of the French Mill-Site Claim

Situate in Pima County Arizona.

Line connecting Mine & Mill-Site.

Runs I commence at the S. E. cor. of the French mining claim, at post No. III, and run a compass line connecting with a cor. of the Mill-Site as follows:

		var. 12° 44' East.	
22.00	S. 80° 34' E.	To a point	Thence
12.00	N. 19° E.	do.	"
12.00	N. 14° E.	do.	"
9.50	S. 74 1/2° E.	do.	"
7.00	N. 66 1/2° E.	do.	"
8.00	S. 79 1/2° E.	do.	"
4.00	N. 65° E.	do.	"
7.00	S. 89 1/2° E.	do.	"
7.00	S. 71° E.	do.	"
7.00	N. 41° E.	do.	"
2.19	N. 40° 25' E.	To N. W. cor. of Mill-Site, post No. IV.	

This gives a straight line, N. 71° 56' E. 79.10, do. connecting the S. E. cor. of the mine with the N. W. cor. of the Mill Site

Thos. F. White,
U.S. Dep. Surveyor.

December 16. 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 French Mine and Mill Site

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

Henry Brown Chainman.

Henry Grinnell Chainman.

Axeman.

Bruno Lara Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Theodore F. White
U. S. Deputy Surveyor, in surveying the boundary lines of
the French Mine and Mill Site
claimed by A. P. R. Safford, now Hopkins, J. C. Handy et al.
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.

Witnesses to signatures Henry Brown Chainman.
A. G. Elliott Henry Grinnell Chainman.
A. P. R. Safford Axeman.
Bruno Lara Flagman.

Sworn to and subscribed before me this 19 day
of December 1873

William Brown
Notary Public



FINAL OATH OF DEPUTY SURVEYOR.

I, Theodore 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 11 day of December

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 boundaries of the French Mine and Mill Site

claimed by A. P. K. Safford, J. W. Hopkins, J. E. Handy & others located in _____ 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 19th day of December 1873

William B. Osborn
Notary Public



U. S. Surveyor General's Office
 Tucson, A. T. December 31, 1873

The foregoing field notes of the survey
 of the French Mining and Mill Site,
 Claims, situate in Pima Co. A. T., claimed
 by S. P. Safford, Jno. M. Hopkins, J. C.
 Handy, Thomas Gardner, R. A. Leather-
 wood and J. S. Fry, executed by Theo.
 F. White, S. S., under instructions from
 this office, having been critically examined
 and the necessary corrections and ex-
 planations made, the said field notes and
 the survey they describe are hereby ap-
 proved.

John Mason,
 Surveyor General.