

M
S

-
G
N

0

0

0

2

1

Lat No. 37

Field Notes

of the survey of El Cautivo
Mining Claim, situate in
Cababi Mining District, Pi-
ma Co. Arizona Territory.

Claimed by Solomon Hanner.

Surveyed by Thos. F. White, U.S.
Dep. Sur., under instructions from
the Surveyor General for Arizona
dated Sept 9, 1873.

Survey executed Sept. 15, 1873

9136-132.

Estimate on notes + 22-30 #1.25

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

OATHS OF ASSISTANTS.

WE, Fred C. Jones and R. A. Marquez

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.

Fred C. Jones

R. A. Marquez

Sworn to and subscribed before me, this

10th day

of September 1873

William J. Osborn
Probate Judge

I, Solomon Warner

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.

Solomon Warner

Sworn to and subscribed before me this

10th day

of September 1873

William J. Osborn
Probate Judge

Survey of El Cautivo Mine, Claimed by

Solomon Warner, located in the Cababi District Pima County Arizona.

Chains

After running a preliminary centre line to get the line of the ledge, I commenced at the North East corner of the claim on steep North slope of hill where I set a post 4 ft. long, squared 3 in. at top, 1 foot in ground, with mound of stone 2 ft. high, and marked "S.H. No. I" and run thence $N 87^{\circ} 26' W$ along N. boundary of claim, with a variation of $12^{\circ} 34' E$.

(Found by transit observation of Polaris)

- 2.50 Descend into dry gulch
 4.00 Bottom of gulch and ascend
 6.00 Top of ridge sloping to the North
 7.00 Descend
 11.00 Bottom of descent—light wash
 11.36 Shaft at centre of claim 2.27 chs $S 2^{\circ} 34' W$ to centre of South edge of same
 14.70 Dry wash 5 lbs wide, runs N.
 15.00 Ascending
 18.00 Top of ascent
 19.00 Descending
 22.727 or 1500 ft. To North West corner of claim on S. slope, where I set post 4 feet long, squared 3 in. at top, 1 ft. in ground, with mound of stone 2 ft. high and ^{marked} "S.H. No. II."
 From this cor. the jutting rocks representing the "horn" of a saddle-shaped top of mountain—the most prominent peak in the vicinity of the mine, bears $N 37^{\circ} 56' W$ and is by calculation 64.15 Chains distant.
 (Note: This saddle-shaped topped mount. is not visible immediately from this corner on account of an intervening ridge, but by taking an intermediate station ^{on} this ridge, the bearing was found as above)

From this North West corner I run along West end boundary

El Canturo Mine.

S. $2^{\circ}34'N$. with same variation.

Descend

2.27 Bottom of gully and ascend

4.545 ^{or 300ft} To South West corner of claim on S. slope, just over summit of ridge (running west) where I set post 4 ft. long, squared 3 in. at top, 1 foot in ground, with mound of stones 2 ft. high and marked "S. W. N^o III."

From this corner the horn of saddle shaped mountain bears N $35^{\circ}26'W$. — The highest point of conical shaped mountain, another prominent peak in the vicinity of the mine bears S. $24^{\circ}56'E$.

From this South West corner I run along South boundary of claim

S $87^{\circ}26'E$, with same variation

Ascending

2.50 Top of ridge running W. of S. and descend

3.50 Dry wash 5 lbs wide runs S. Ascend

6.00 Top of ridge sloping S. Descend

13.00 Dry gulch running SW and ascend

20.00 Top of ridge sloping S.

22.72 ^{or 1500ft} To South East corner of claim on S. E. slope where I set post 4 ft long, squared 3 in. at top, 1 foot in ground with mound of stones 2 ft high, and marked "S. W. N^o IV."

From this cor. the top of conical shaped mountain bears S $13^{\circ}19'N$. and is by calculation 32.56 chains distant.

From this South East corner I run along East end boundary of claim N $2^{\circ}34'E$. with same variation

1.00 Descend into gulch

2.27 Bottom of gulch runs E. Ascend

3.50 Top of ridge sloping E.

4.545 ^{or 300ft} To post at North East corner, the point of beginning.

The Claim contains $10\frac{33}{100}$ acres.

El Cautivo Mine.

The shaft at the centre of the claim is sunk to a depth, on the incline, of 64 feet, and follows the inclination of the vein - 55° from the horizontal and is 4 feet high by 6 ft. wide. From this shaft running along the line of the ledge $S 87^{\circ} 26' E$ at 50 lbs is a second shaft now mostly filled in; at 111 lbs is a third shaft, 4 to 5 feet high and 6 ft wide and of very considerable depth - apparently over fifty feet as could be seen. There were no ladders or ropes at hand to descend into this shaft so that its depth was not measured, but it was represented by the claimant to be 70 ft deep. West of the shaft at the centre of the claim, about half a chain distant, is a pole shanty now in a dilapidated condition. - I certify that the work done on the claim greatly exceeds in value the amount of five hundred dollars.

General description: This claim extends along a ridge running E. & W. The ends more elevated than the middle where the work has been done. On the N. E. & S. are much higher mountains and ridges, separated from this ridge by narrow valleys. To the west it opens out into a valley of considerable width, on the other side of which about 4 miles distant is the "Peach" Mine of some note. The ore from "El Cautivo" Mine is quartz rock, carrying principally, copper, lead and silver, in various combinations.

The soil in the vicinity of the mine is rocky and barren, the surface broken. The principal vegetation is different varieties of cactus, some scrub brush and scattering pale verde trees. There is no timber of any consequence in the immediate vicinity, and permanent water is distant about $4\frac{1}{2}$ miles.

Theodore J. White
U.S. Deputy Surveyor

September 15th 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 El Cautivo Mining Claim claimed by Solomon Warner located in the Cababi mining district, Pima County, Arizona, showing the respective capacities in which they acted.

Fred C. Jones Chainman.
R. A. Vasquez Chainman.
Axeman.
Solomon Warner Flagman.

FINAL OATHS OF ASSISTANTS.

We hereby certify that we assisted Theodore J. White U. S. Deputy Surveyor, in surveying El Cautivo Mine

claimed by Solomon Warner located in the Cababi 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.

Fred C. Jones Chainman.
R. A. Vasquez Chainman.
Axeman.
Solomon Warner Flagman.

Sworn to and subscribed before me this 15th day of September 1873

William J. O'Connell
Probate Judge



FINAL OATH OF DEPUTY SURVEYOR.

I, Theodore J. 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 9th 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 lands bounding the "El Castor" Mining Claim

claimed by Solomon Warner

located in the Cobabe 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 J. White
Deputy Surveyor.

Sworn to and subscribed before me this 15th day
of September 1873

William J. Osborn
Probate Judge



U.S. Surveyor Gen'l's Office
 Tucson, A.T. Oct. 14. 1873

The foregoing field notes of the survey of the El Gaudio Mining Claim, situate in Gababi Mining District, Pima Co. A.T. claimed by Solomon Warner, executed by Thos. 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 surveys they describe are hereby approved.

John H. Mason
Surveyor General

Field Notes
of the survey of the
El Cautivo Mining Claim
situate in Cababi Min-
ing Dist. Pima Co. A.T.