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LOT NO. 73

Field Notes.

of the survey of the

San Pedro

Mining Claim

Situate in Tombstone mining district

County of Cochise and in Sec. 17, T^p 20

Range 22, of the Gila and Salt River Meridian.

Arizona.

Claimed by the

Orion Silver Mining Company

Survey executed by Theodore F. White D. S.

Under instructions dated February 10, 1887

Survey commenced March 11, 1887

Survey completed March 11, 1887

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, James Collins and John O'Donnell
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 lengths of all lines that we assist in measuring, to the best of our skill and ability.

James Collins
John O'Donnell

SWORN AND SUBSCRIBED before me this 3rd
day of March 1881.

John P. Farrell
Notary Public

I, Henry Dickhoff
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.

Henry Dickhoff

SWORN AND SUBSCRIBED before me this 3rd
day of March 1881

John P. Farrell
Notary Public

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San Pedro Mining Claim

Tombstone Mining District

Cochise County, Arizona

Survey of the Exterior Lines

Before commencing the survey of the interior lines of this claim, I compare the meridian determined by my instrument — a Solar-Compass made by Young & Sons of Philadelphia — with the U. S. Standard Meridian established in the District. I set my instrument over the point at the north end of said meridian, marked by a brass point set in a stone block, and witnessed by a post marked U. S. S. M. etc. as per notice of the establishment of said meridian. I took an observation for latitude and at a proper hour set off the declination and found the meridian described by my instrument to coincide exactly with the U. S. Standard Meridian. The variation of the needle of my instrument, as it so stood, was $12^{\circ}15'$ East. The variation of the needle of the instrument used in establishing the meridian was $11^{\circ}53'$ East, a difference of $22'$, which adopting $11^{\circ}53'$ East as the standard variation, must in my instrument be called "instrumental error" and allowance made for it in the following survey.

I examine the corners of the San Pedro Claim, referring to a

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San Pedro Mining Claim

Tombstone Mining District

Cochise County, Arizona

copy of the location-notice and found them all plainly marked by stakes and mounds of stones and essentially as indicated by location-notice.

Chs.

Commencing at the S. W. cor. of the claim, marked by a stake and mound of stones. This is also a corner of the True Blue Mining Claim ^{Lot No. 54} indicated by a post in mound of stones. The post marked "T. B. M. Co. No. 6." I have set a post 5 ft long 4 x 4 in. sq. 1 ft in the ground and build around it a mound of stones 2 1/2 ft high. The post marked "S. P. M. Co. No. 1." for a cor. of the San Pedro Mining Claim. From this cor. I run along N. W. side of claim which is also the S. E. side of the True Blue Claim Lot No. 54 $N. 36^{\circ} 35' E. \text{ Var. } 11^{\circ} 53' E.$

(Allowing for "instrumental error" as before set forth)

Ascending

- | | |
|-------|--|
| 6.00 | Top of ascent on line and descend |
| 10.00 | Descend more steeply. |
| 13.60 | Gulch 10 lbs. wide runs S. E. and cross little flat place |
| 15.00 | Ascend again |
| 18.17 | To a cor. of the True Blue claim Lot No. 54 indicated by a post in a mound of stones the post marked "T. B. M. Co. No. 5." Alongside of this post is a stake marked "N. E. cor. True Blue" on one side and "W. line San Pedro" on the other. Continuing. |
| 21.00 | Top of ascent on line and descend |

San Pedro Mining Claim

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Tombstone Mining District, Ariz.

Chs.

- a little.
- 22.72 = 1499.52 ft. to the N.W. cor. of the claim marked by a stake and mound of stones. I set a post 5 ft. long 4x4 in. sq. marked "S. P. M. C. No. 11" 1 ft in the ground and build around it a mound of stones 2½ ft high. Thence along N.E. end of San Pedro.
S. 52° 25' E. Same variation.
Descending S.E. slope
- 4.00 Bottom of descent and enter little flat.
- 8.99 = 593.34 ft to N.E. cor. of claim marked by a stake and mound of stones. This is just N.W. from a rocky gulch running S.W.
I set a post ^{5 ft. long} 4x4 in. sq. marked "S. P. M. C. No. 11" 1 ft in the ground and build around it a mound of stones 2½ ft high. Thence along the S.E. side of claim
S. 36° 21' W. Same variation
Along N.W. side of rocky gulch
- 3.00 Pass over rocky point & descend
- 6.60 Road from Tombstone to old camp on the claim bearing E & W.
Ascend
- 9.50 Top of ascent on line and descend
- 14.30 Rocky gulch running S.E. into before mentioned gulch 10 lks. wide
Ascend
- 16.50 Top of ascent on line and descend
quietly
- 22.72½ = 1499.85 ft. to the S.E. cor. of claim marked by a stake and mound of stones. This is on a solid rocky ledge and I cannot sink a hole to set the post into without blast.

San Pedro Mining Claim

Lombstone Mining District A.T.

Chs.

ing, so I set the post on the rock a post 5ft long 4x4 in. sq. and marked "S. P. M. C. No 14" and build around it a mound of stones 3ft. high. Thence I run along the S. W. end of claim N. $52^{\circ}25'W$. Same variation.

Ascending

9.08 = 599.28 ft to the place of beginning.

The claim contains $20 \frac{521}{1000}$ acres

From the N. W. cor. of claim marked "S. P. M. C. No 11" U. S. Mineral Monument No. 3 bears N. $60^{\circ}44'W$ and is 21.79 chs. distant from said corner.

Description of work done on claim

From the N. E. cor. of "No. 11" a shaft bears S. $76^{\circ}W$ 8.49 chs. distant. This shaft is 5x6 ft. in dimension and is 72 ft deep, from the bottom of which is run a drift 10 ft ^{long} ~~deep~~. From Cor. No. 14, a shaft bears N. $7^{\circ}E$ 3.05 chs. dist. This shaft is 5x5 ft. in size and 10 ft. deep.

Note; The N. W. side of the claim coincides with the S. E. side line of the True Blue claim. ^{Lot No. 54} I make the bearing of the line to be N. $36^{\circ}35'E$. In the field-notes of the True Blue, ^{Lot No. 54} it is given as N. E. or S. W. $36^{\circ}05'$ a difference of $30'$.

The variation used in the True Blue Survey, differs from the Standard variation which may account for part of this difference.

The corners marking the line, are

San Pedro Mining Claim

Tombstone Mining District A.T.

Chis.

will established and well authenticated. The survey of the True Blue was made, I think before the establishment of the U. S. Standard Meridian and probably by a magnetic instrument. The bearings of the lines run by me are from the absolute meridian as determined by the Solar Compass which agrees with the Standard Meridian as shown, and are entirely independent of the uncertain pointing of the magnetic needle.

General Description etc.

The San Pedro Mining Claim is situated in the Tombstone Mining District, Cochise County, Arizona Territory. The surface is hilly and rocky, with little vegetation - no trees. The work done on the claim as described in the foregoing notes amounts in value to more than five hundred dollars.

March 11, 1881,

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

San Pedro Mining Claim

Tombstone Mining District A.T.

San Pedro Mining Claim

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San Pedro Mining Claim

FINAL OATHS FOR SURVEYS OF MINING CLAIMS ~~AND~~ MILL SITES.

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 Pedro Mining Claim located in Tombstone Mining District, Cochise County, Arizona, showing the respective capacities to which they acted.

James Collins Chainman.
John D. Soule Chainman.
Henry Dieckhoff Axeman.
Henry Dieckhoff Flagman.

WE hereby certify that we assisted Theodore F. White, U. S. Deputy Surveyor, in surveying the San Pedro Mining Claim claimed by the Orion Silver Mining Company located in Tombstone Mining District, Cochise 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.

James Collins Chainman.
John D. Soule Chainman.
Henry Dieckhoff Axeman.
Henry Dieckhoff Flagman.

SWORN TO AND SUBSCRIBED before me this 9th day of March, 1881

John R. Faull
Notary Public

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 10th day of February 1881, 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 San Pedro Mining Claim claimed by the Orion Silver Mining Company located in Tombstone Mining District, Cochise 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.

Theodore F. White Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 12th day of March 1881

John R. Faull
Notary Public



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, R. H. Upton and S. B. Adams,

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

_____ mining claim, situate in Tombstone

_____ Mining District, Cochise County, Arizona

Territory, for which the Orion and Silver King Co.

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 applicant and its grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

R. H. Upton
S. B. Adams

TERRITORY OF ARIZONA, }
County of Cochise } SS.

SWORN AND SUBSCRIBED before me this 16th
day of March 1881.

John R. Faull
Notary Public.

District Pima County Territory of Arizona on the west side of a cañon that runs into the San Pedro River about one half mile below Christiansens Ranch from the East side of said River, being about 5 or 6 Miles Nearly. Nearly north from the Old Bronco mine and about 3 miles west from the Grand Central mine this ledge shall be known as the San Pedro Ledge. Located April 18th 1878.

A. C. Smith 750 feet

A. Lewis 750 feet

Filed and recorded at request of A. Lewis
May 11th A. D. 1878 at 3 o'clock P. M.

J. W. Carpenter
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 "San Pedro Ledge" situate in the Tombstone Mining District

as appears of Record now in my Office in Book 2 Pages 15 Records of Mines.

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

Chas. R. Drake

County Recorder,



"San Pedro Ledge"

Notice. We the undersigned, have this day the Eighteenth (18th) of April A. D. 1878, located, and claim fifteen hundred (1500) linear feet on this vein lode or ledge of rock in place, bearing precious metals, together with all its spurs dips and angles, under and by virtue of the Mining Laws of the United States, the laws of the Territory of Arizona and the mining laws of the Tombstone District, also claim three hundred feet on each side of the centre of the ledge for working purposes, Commencing at this monument of stones, and Notice, and running on the course of this vein or ledge East of North 385 feet to a stone monument on the ledge at the junction of the spurs, thence running on the course of the vein or ledge nearly north 1115 feet, to the North end of the claim marked by a stone monument making 1500 lineal feet on the vein or ledge thence from monument at the junction of of its spurs we claim 385 feet on the spur that runs about South East to a stone monument, thence from the junction monument we claim 1115 feet on the Spur that runs about North East to a stone monument, and all Corners or boundaries of this vein or ledge are marked by monuments of stone at the N. E. - N. W. - S. E. S. W. corners. This ledge or vein is situated in the Tombstone Mining

U. S. Surveyor General's Office.

Tucson, Arizona, April 13, 1881.

The foregoing field notes of the survey of the San Pedro
Mining Claim situate in
 the Tombstone Mining District, Cochise
 County, Arizona, claimed by the Orion Silver
Mining Company
 survey executed by Theodore P. White 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.

John Massie

Surveyor General.

