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LOT NO. 56

Field Notes

of the survey of the

Crown Reef
Mining Claim.

Situate in Upper Mountain mining district,

County of Apache and in Sec. 6, Tp. 4S,

Range 29E, of the Gila and Salt River Meridian,

ARIZONA.

Claimed by Louis Swadbeer

Survey executed by Nicholas S. Davis, D. S.,

Under instructions dated July 23, 1880

Survey commenced September 1, 1880

Survey completed September 1, 1880

PRELIMINARY OATHS FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Geo. W. Musgrave and John M. Moore

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.

George Washington Musgrave
John Marion Moore

SWORN AND SUBSCRIBED before me this 21st
day of August 1880

Louis Smadbeck
Notary Public

I, Nicholas J. Davis

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

Nicholas J. Davis

SWORN AND SUBSCRIBED before me this 21st
day of Augt 1880

Louis Smadbeck
Notary Public



Sept. 1st 1880

Field Notes of Survey of Lot No 55, Crown Reef Claim, Louis Smadbeck Claimant in Copper Mountain Mining District Apache County, Arizona. Surveyed pursuant to instructions from John Wasson, Surveyor General for Arizona, under date of July 23rd 1880

Beginning at a Cedar post 5 in square in mound of rock, marking the W End of Lot No 54, Copper Crown Claim William Grant Claimant and marked on E face W End C.C. and on W face E End C.Pf. from which U.S. Mineral Monument No 1, bears S 63° 11' E dist. 16.80 Chains the face of cliff of rock 30 feet high bears S 69° 35' W dist. 2.20 Chains, open cut and shaft No 1. on Lot no 55 Crown Reef Claim Louis Smadbeck Claimant, bears S 68° W dist. 302 Ks. Shaft No 2. ~~on Lot No 55, Crown Reef Claim Louis Smadbeck Claimant~~ bears S 89° 30' W dist. 4.80 Chains

Chains
 Thence from place of beginning on E boundary of said Claim S 22° 31' E ascending
 3.00 to top of ridge descending
 4.54 to S E Cor. a Cedar post 5 in square set in mound of rock and marked on E face S.W. Cor. C.C. and on W face S.E. Cor. C.Pf., being a Cor. common to Lots No 54 and 55, from which a pine tree 10 in diam. bears N 37° 40' W dist. 1.42 Chains,

Chains
 Thence from S.E. Cor. on S boundary of said Claim S 78° 25' W, descending
 8.48 to barine course S.W., ascending
 17.38 to top ridge descending
 20.98 to barine course S ascending
 21.35 to S.W. Cor. set a Cedar post 4 in square in mound of rock

- Marked on E face S W Cor C. Rf.
from which an oak tree 12 in diameter
bears S 87° 15' W dist. 86.21². The
Junction of Three Ravines that forms
the 3 branch of Twin Canyon bears
- Chains S 1^u W dist. 2.05 Chains.
- 2.20 Thence from S W Cor on W boundary
of said claim N 22° 31' W, ascending
Cross trail
- 4.54 to Pine post set in mound of rock
and marked on E face W End Crown
Reef
- 9.08 to N W Cor set a Cedar post 4 in
square in mound of rock, and
marked on E face N W Cor C. Rf.
from which U.S. Mineral Monument No 1
bears S 78° 38' E dist. 37.90 Chains
- Chains Thence from N W Cor on N boundary
of said claim N 78° 25' E, descending
- 4.76 to ravine ascending,
- 21.35 to N E Cor. a Cedar post 4 in square
set in mound of rock, and marked on
E face N W Cor C. Rf. on W face
N E Cor C. Rf. being a Cor. Common
to Lots No 54 and 55, from which
an oak tree 12 in diameter bears S
47° W dist. 48.21².
- Chains Thence from N E Cor on E boundary
of said claim S 22° 31' E, descending
- 1.12 Cross trail
- 1.85 to by ravine ascending
- 4.00 to small ravine
- 4.54 to place of beginning
variation 13° 05' E
Containing 18.05 Acres ~~more or less~~

The improvements on the above
claim consists of Shaft No 1
8 x 10 feet sunk to a depth of 12 feet
on the land in bottom of open cut
Shaft No 2 8 x 10 feet, sunk on the
land to a depth of 7 feet

Open Cut 10+12 feet show an average depth of 7 feet. This work has been performed by William Grant and others in the employ of Louis Smudbeck, the claimant at different dates between the time of original location and the present, I estimate the cost of the work done at five hundred dollars.

Description, The claim as surveyed lies on N Slope of Twin Canyon showing the out crop of a mineral bearing vein from its E boundary for a distance of 15 chains from that point to W boundary the vein is capped with conglomerate rock. Strike of vein S 78° W dip about 8° from vertical to S. N wall Granitic & well porphyry. The ores are Copper Glance & Copper Carbonates, No Gold or Silver having been found in the ores.

I hereby certify that the above are the true and original field notes as made by me in the survey of ~~the~~ lot No 55 Crown Reef claim Louis Smudbeck claimant

Nicholas J Davis
Deputy U.S. Mineral Surveyor

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Notice

Crown Reef Mine

Copper Mountain Mining District
Territory of Arizona
County of Apache. 3

In order more fully to comply with the mining laws of the United States in reference to locating claims with reference to some natural and permanent object, I have this 24th day of June A.D. 1880, relocated this lode or deposit of Copper bearing ore,

Commencing at a cedar post set in a mound of stones and marked "W end Copper Crown Claim", from which the junction of three ravines, that forms the branch of Min Canons bears S 51° W distant 1350 feet, the face of a cliff of rock 40 feet high bears S. 56° W dist 120 feet, an oak tree 10 inches diameter blazed and marked, bears N 8° 30' W distant 100 feet, thence S 65° W along the cropping of the lode, a distance of 1375 feet to a pine post set in a mound of stone and marked, "W end Crown Reef Claim", together with 300 feet on each side of said lode or deposit, making the claim

1375 feet long by 600 feet wide; the corners of this claim being marked by mounds of stone, 3 feet high,

I claim on this location all the rights and privileges guaranteed under the mining laws of the United States.

This claim shall be known as the "Crown Reef" mine
~~signed~~

Roris Smadsee
Locator

Attest
John Tonkin
Wm R Mc Cormick

Upper Mountain Mining District

- Secretary of Arizona
County of Apache

I hereby certify
that the foregoing certificate of location
of "Crown Reef" mining claim was filed
for record in my office this 1st day of
July ad 1880 and duly recorded at fol 100
of book 43 of mining records of said District

J. P. Bennett
Recorder

Crown Reef.

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 Crown Reef Mining Claim located in Copper Mountain Mining District, Apache County, Arizona, showing the respective capacities in which they acted.

- John M. Moore Chainman.
- Geo. W. Muggare Chainman.
- Fernando Madrid Axeman.
- William Grant Flagman.

WE hereby certify that we assisted Nicolas Davis U. S. Deputy Surveyor, in surveying Crown Reef Mining Claim claimed by Louis Smadbeck located in Copper Mountain Mining District, Apache 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.

- John M. Moore Chainman.
- George W. Muggare Chainman.
- Fernando Madrid Axeman.
- William Grant Flagman.

SWORN TO AND SUBSCRIBED before me this 20 day of Sept 1880 Louis Smadbeck Notary Public

I, Nicolas Davis U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from John Wasson, U. S. Surveyor-General for Arizona, bearing date the 23rd day of July 1880, 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 Crown Reef Mining Claim claimed by Louis Smadbeck located in Copper Mountain Mining District, Apache 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.

Nicolas S. Davis Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 20 day of Sept 1880 Louis Smadbeck Notary Public



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, Yusuf M. Cornick and John Tonkin

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

mining claim, situate in Copper

Mountain Mining District, Apache County, Arizona

Territory, for which Louis Smadbeck and _____

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

Wm R M Carmick
William Grant

TERRITORY OF ARIZONA, }
County of Apache } SS.

SWORN AND SUBSCRIBED before me this 16th
day of Sept 1888

Louis Smadbeck
Notary Public



U. S. Surveyor General's Office.
Tucson, A. T., Nov. 3, 1880.

The foregoing field notes of the survey of the Horn Reef Mining Claim, situated in Copper Mountain Mining District, Apache County, Arizona, claimed by Louis Smadbeck; survey located by Nicholas S. Davis, D.S., 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 Masson.
Surveyor General.