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LOT NO. 39

Survey No 426

Field Notes

of the survey of the

Eclipse

Copper Mine

Situate in Helvetia mining district,

County of Prima and in Sec. _____, Tp 18S

Range 13E, of the Gila and Salt River Meridian.

Arizona.

Claimed by M. L. Gerould

Survey executed by L. D. Whillson U.S. D. S.

Under instructions dated September 23" 1882

Survey commenced September 27" 1882

Survey completed September 27" 1882

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Thos Lavery and Jno Weigle
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.

Thos Lavery
Jno Weigle

SWORN to and subscribed before me, this 26th day

of September — 1882

J. D. Hillson
Notary Public

Thomas Deering

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

Thomas Deering

SWORN to and subscribed before me this 26th day

of September, 1882

J. D. Hillson
Notary Public

Field Notes of
the survey of the
Eclipse Copper Mine

Situate in

The Helvetia Mining District
Pima County, A.T.

Surveyed under instructions
from U. S. Surv. Gen. J. W. Robbins
dated Sept. 23, 1882.

Survey commenced Sept. 27, 1882
" completed Sept. 27, 1882,

by
R. W. Chilson
U. S. Dep. Min. Surveyor.

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Field-notes of survey of the
Eclipse Copper Mine,
Helvetic Dist, Pima Co, Arizona,

Began at Initial Monument,
mentioned in location notice,
at Southern end of claim, where
I set a white oak post, 4x4 ins.
squared, 4 ft. high, in a mound
of stones 3 ft. dia. 3 ft. high.
Post marked, - E. M. I. M., -
from which a black oak 10 ins.
dia. bears N. 42° 45' E. 13 ft. dist,
a black oak 16 ins. dia. bears S,
41' 45' E. 30.6 ft. dist,

Both trees marked E. M. B. T.

From Initial Monument,

Var. 12° 38' E.

As pr. obs. on Polaris
The S. W. Cor. of claim bears
S. 83° W. 300 ft. dist.

Owing to a ledge of granite
extending more than 200 ft.
vertically above the ground, it
was impossible to reach or
run or measure to S. W. Cor.

Therefore, from Initial Monument
I ran S. 7° E.

Var. 12° 38' E.

105 ft. to a point at base of
Quartzite dike on top of ridge,
and thence, S. 83° W. 300 ft.
to a point where I set a black
oak post, 4x4 ins. squared, 4 ft.
high, in a monument of stones
3 ft. dia. 3 ft. high, on a niche
upon S. Westerly side of granite
ledge, 70 ft. high, for witness cor.
for S. W. Cor. of claim.
Post marked, E. M. N. S. W. C.

Field-notes of Eclipse Copper Mine
continued.

Fect.

From which the true S. W. Cor. of claim bears N. 7° W. 105 ft. dist. True Cor. not marked.

It being impossible, on account of the configuration of the ground, to measure the West side line of claim, I was forced to determine the course of same by triangulation, & found it to be,

from S. W. Cor.

N. 7° W.

Var. $12^{\circ} 38'$ E.

1500 To N. W. Cor. of claim, where I set a black oak post, 4×4 ins. squared, 4 ft. high, on west side of large granite rock and built mound of stones around it. Post marked E. M. N. W. C. N. 3, from which a black oak 10 ins. dia. bears N. 64° W. 62 ft. dist. Tree marked E. M. B. T.

The S. W. Cor. of Omega Mine 1st Ext. South, Lot No. 38, bears N. 53° W. 252.5 ft. dist.

U. O. M. N. No. 1, bears N. 44° W. 172.5 ft. dist.

Thence,

N. 83° E.

Var. $12^{\circ} 38'$ E.

300 To a point where I set a white oak post, 4×4 ins. squared, 4 ft. high, in a mound of stones 3 ft. dia, 3 ft. high, for northerly end centre monument.

Post marked E. M. N. E. C. M. N. H. from which original end centre mon. of claim bears N. 7° W. 115 ft. dist.

Field-notes of Eclipse Copper Mine continued.

Feet

Thence, continuing same line,
N. 83° E.

Var. 12° 38' E.

275 To N. E. Cor. of claim, where I
set a black oak post, 4 x 4 ins.
squared, 4 ft. high, in mound
of stones 3 ft. dia. & 3 ft. high.
Post marked E. M. N. E. C. N. 5.

Thence

S. 7° E.

Var. 12° 38' E.

1310 To a point from which the Dis.
Shaft, 4 x 6 ft., 5 ft. deep, bears
S. 83° W. 300 ft. dist.

1500 To S. E. Cor. of claim, where I
set a white oak post, 4 x 4 ins.
squared, 4 ft. high, in mound
of stone 3 ft. dia. 3 ft. high.
Post marked E. M. S. E. C. N. 6.

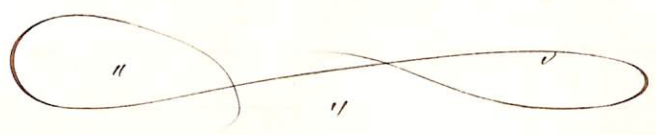
Thence

S. 83° W.

Var. 12° 38' E.

275 To Initial Monument and
place of beginning.

Containing 19.79 Acres,



Field-notes of Eclipse Copper Mine
Continued,

~ Improvements. ~

The improvements upon this claim consist of the Dis. Shaft, Tunnel & Shaft in same, and Trail built to mine. Entrance to Tunnel bears N. 17° W. 194 ft. dist. from Initial Monument. - Tunnel is 4 x 6 ft., 71 feet in length & bears S. 9° 15' E. from entrance. 30 ft. from mouth of Tunnel is a Shaft 5 x 5 x 8 ft. - And I hereby certify that the above improvements were made by claimant,
and exceed \$500 in value

~ General Description ~

The claim contains a large & well defined lode of Silicates, Red Oxides, & Carbonates of Copper. It is situated in Helvetia Mining Dist, Pima Co, A.T., upon the eastern slope of a main ridge immediately at the eastern base of a high & prominent Quartzite Dike, backed by a ledge of granite, projecting in places fully 250 ft. perpendicularly above the surface of the ground.

I. D. Hillson

U. S. Dep. Min. Surveyor

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & MILL SITES.

A LIST of 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 Eclipse Copper Mine,

located in Helvetia Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

Thos. H. Lavery Chainman.
Jno. V. Weigle Chainman.
Thomas Deering Axeman.
W Flagman.

WE hereby certify that we assisted L. D. Chillson U. S. Deputy Surveyor, in surveying the Eclipse Copper Mine

claimed by M. L. Gerould located in the Helvetia Mining District, Pima County, and in township No 3 Range No 11 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.

Thos. H. Lavery Chainman.
Jno. V. Weigle Chainman.
Thomas Deering Axeman.
W Flagman.

SWORN TO AND SUBSCRIBED before me this 27th day of September 1882.

L. D. Chillson
Notary Public

I, L. D. Chillson U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 23rd day of September 1882, 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 Eclipse Copper Mine claimed by M. L. Gerould located in Helvetia Mining District, Pima 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.

L. D. Chillson Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 29th day of September 1882.

M. J. Walsh
Notary Public
Pima Co.,
A. T.

Eclipse Copper Mine.

Location Notice. - Notice is hereby given, That the undersigned, in compliance with the requirements of the Mining Act of Congress, approved May 10, 1872, Have this day located and claim fifteen 1500 hundred linear feet along the course of this lead, lode or vein of mineral bearing quartz, and three 300 feet in width on each side of the middle of said lead, lode or vein, situate in the Helvetia Mining District, County of Pima, Arizona, and more particularly described as follows, to wit: Commencing at this monument of stones, being the center of the Southerly - of claim and upon which this notice is posted, thence Easterly three 300 feet to a monument of stones; thence Northerly 1500 feet to a monument of stones; thence Westerly 300 feet to a monument of stones, being the center of Northerly end of claim; thence Westerly 300 feet to a monument of stones; thence Southerly 1500 feet to a monument of stones; thence Easterly 300 feet to place of beginning. - This claim is situated about 500 yards South of the Omega mine and is close on the West side of the Alta mine on the eastern slope of the Santa Rita mountains about 36 miles South of Tucson - and shall be known as the Eclipse Copper Mine. -

Located June 20th 1881.

M. L. Gerould

Filed and recorded at request of M. L. Gerould
Aug. 1st A.D. 1881, at 5.30 P.M.

Chas R Drake
County Recorder

TERRITORY OF ARIZONA, } ss.
County of Pima.

I, Chas. R. Drake, County Recorder in and for the County of Pi-
ma, do hereby certify that the above and foregoing is a full true and correct copy
of Location Notice of the _____
_____ Eclipse Copper Mine _____

as appears of Record now in my Office in Book R, Pages 603 + 604.

IN WITNESS WHEREOF, I have hereunto set my
hand and affixed my official seal, at my office in Tucson
this 18th day of September A. D. 1881.

Chas R Drake
County Recorder,
By Anthony Coenen
Deputy



U. S. Surveyor General's Office.

Tucson, Arizona, October 30, 1882.

The foregoing field notes of the survey of the Eclipse
Copper Mine ~~Mining~~ Claim situate in
the Helvetia Mining District, Pima
County, Arizona, claimed by M. L. Giroult

survey executed by L. D. Chilson 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.

J. W. Robinson

Surveyor General.

Plat of Eclipse Copper Mine

Helvetia Dist. Pima Co. A.T.

Scale 200 ft. to 1 inch

U.S.M.M. No. 1
Omega Mine
S.W. Cor. N. 53° W. 2529.5 ft.

POST. E.M.N.C. N. 3.

Orig. loc. mon.

Post. E.M.N.E.C. N. 5.

N 83° E 275'

300.

Lot 39

Survey 426

N

Var. 12° 38' E.

N. 7° W. 1500 ft.

S. 7° E. 1500 ft.

DIS. SHAFT
TUNNEL

S. 83° W. 300 ft.

Post. E.M. I. M.

Post. E.M.S.E.C. N. 6.

S.W. Cor. (not marked)

300.

S. 83°

275'

N. 7° W. 1500 ft.

S. 83° W. 300.

Point at base of dike

WITNESS COR. POST. E.M. N. 2. W.C.