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LOT NO. 42

Survey No. 339

Field Notes

of the survey of the

*Extension of the
Morning Star Mining Claim*

Situate in Meyers mining district,

County of Pima and in Sec. 13, Tp 14 S

Range 5 W, of the Gila and Salt River Meridian.

Arizona.

Claimed by *the Morning Star Extension
Mining Company.*

Survey executed by L. D. Chilson D. S.

Under instructions dated February 27. 1882

Survey commenced March 6. 1882

Survey completed March 6 1882

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, George Richards and William Waters
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.

George Richards
William Waters

SWORN to and subscribed before me, this Sixth day
of March 1882

J. D. Chilson

Natary Public

C. C. Ellsworth

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

C. C. Ellsworth

SWORN to and subscribed before me this Sixth day
of March 1882

J. D. Chilson

Natary Public

Field - Notes
of the survey of the
Extension of the Morning Star
Mining Claim.

situate in

Meyers Mining District
Pima County
Arizona

Claimed by the
Morning Star Extension Mining
Company.

Surveyed by Lorenzo D. Chilson
U. S. Dep. Min. Surveyor.

Under instructions from the U. S.
Surveyor General John Wasson
bearing date of February 27, 1882.

Survey commenced 6 March 1882
" completed 6 March 1882

Field-Notes of the Survey of the Extension
of the Morning Star Mining Claim,

Begin at the Initial Monument at
north easterly center end of the claim,
^{and} which adjoins the West end Center of the
Morning Star Mining Claim Lot No. 38.
where I set a post 4x4 ins. 4 ft. long, firmly
in mound of stone, marked "I. M. M. S. E."
from which U. S. M. M. No. 1. Meyers District
bears S. 70° 06' E. 1390 feet dist.

Thence I run

S 8° 30' E.

Var. 13° 35' East

as per observation on Polaris.

41.5 Intersect westerly end line of the
Crescent Mining claim Lot No. 39.
from point of intersection the N. W. cor. of
the Crescent bears N. 67° E. 345 1/2 ft. dist.

300.0 N. S. E. cor. of claim, where I set a post
4x4 ins. 4 ft. long, firmly in mound of
stone, marked "M. S. E. S. E. C."

Thence I run

S. 69° 30' W.

Var. 13° 35' E.

661.0 Intersect westerly side line of the Crescent
Mining claim Lot No. 39. from the
point of intersection the N. W. cor.
of Crescent bears N. 23° W. 679 ft. dist.

1434.0 N. S. W. cor. of claim, where I set a
post 4x4 ins. 4 ft. long, firmly in
mound of stone, marked "M. S. E. S. W. C."

Thence I run

N. 8° 30' W.

Var. 13° 35' E.

300.0 To South westerly end Center of claim,
where I set a post 4x4 ins. 4 ft. long, firmly
in mound of stone, marked "M. S. E. S. W. E."
from which the center of a small arched cave
in right bank of arroyo bears N. 20° W. 39 ft. dist.

583. To N. W. cor. of claim, where I set a

1437.0. Field-Notes of the survey of the Extension
of the Morning Star Mining Claim.

post. 4x4 ins. 4 ft. long, firmly in mound
of stone, marked "M. S. E. N. W. C."

Plum Iron

N. $68^{\circ} 31' E$.

Var. $13^{\circ} 35' E$.

1437.0. At N. E. cor. of claim, where I set a post
4x4 ins. 4 ft. long firmly in mound
of stone, marked "M. S. E. N. E. C."

Plum Iron

S. $8^{\circ} 30' E$.

Var. $13^{\circ} 35' E$.

300.0. To North-easterly center end of claim
the place of beginning, from which
point, the Discovery Shaft, ^{6x8 ft. and 16 ft. deep} bears S. 69°
 $30' W$. 135 ft. dist, with open cut, running
northerly and southerly on both sides of
shaft 5 feet deep and 6 ft wide & 64 ft. long,
an Incline shaft which is commenced

upon ^{the surface ground} the Crescent Mining Claim Lot No 39. ^{6x8 ft. and 16 ft. deep} bears S. $78^{\circ} 30' E$. 83 ft. dist.
and dips ^{thence} northerly, crossing the northerly end
center of the Crescent 40 ft. from the
surface, shaft. 4x6 ft. and 80 ft. deep.
with crosscut at bottom running
northerly 20 ft. long and 4x6 feet wide.
The area of 4.56 acres in conflict
with the Crescent Mining claim
Lot No. 39. is not claimed by the
owners of the Extension of the
Morning Star. Mining claim

This claim contains 18.93 acres

minus area in conflict with Crescent. 4.56 "

Total area claimed 14.37 acres.

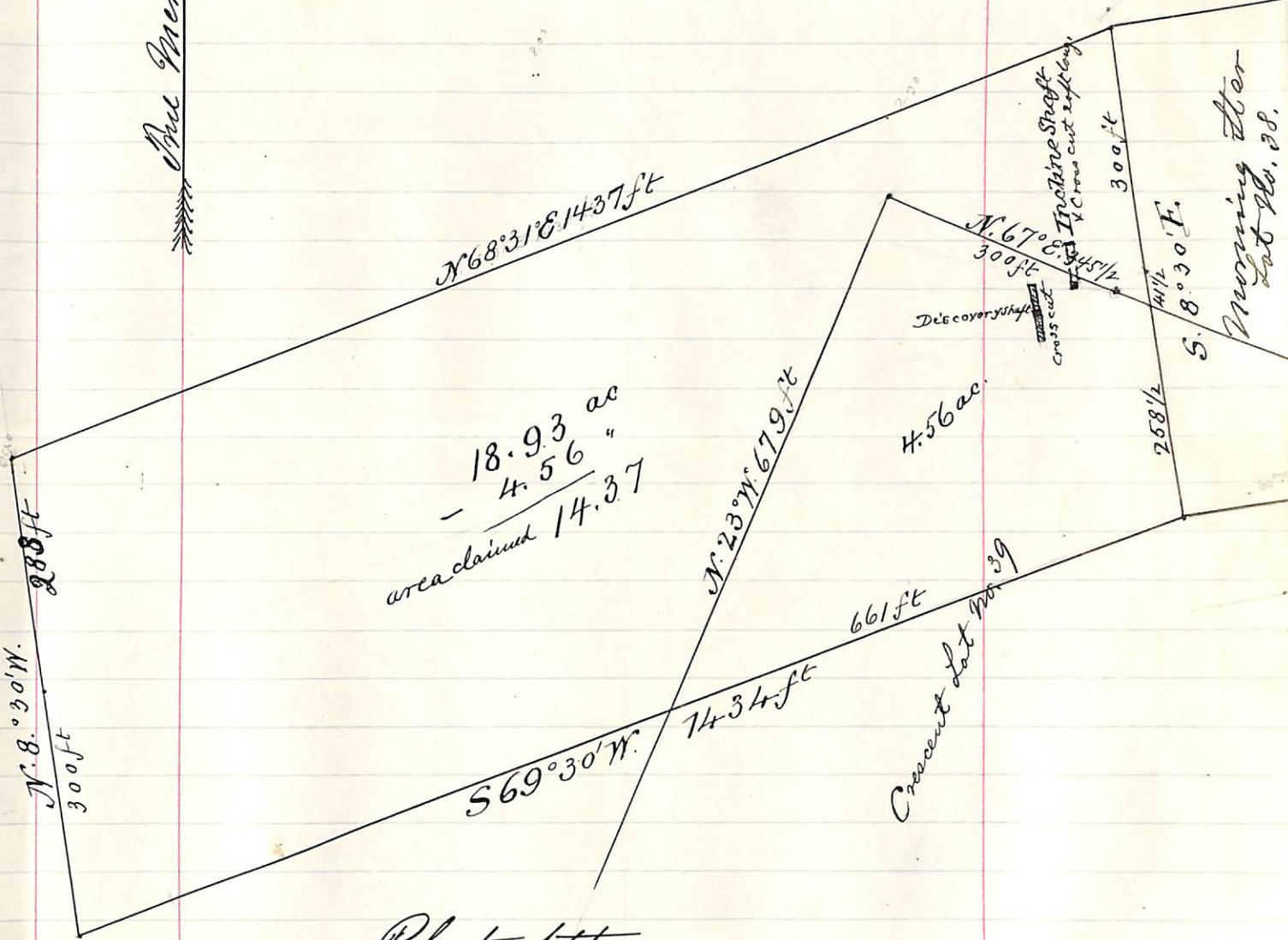
General Description.

This claim is a South-Westerly Extension
of the Morning Star Mining claim,

and is what might be called a second southerly extension of the famous Gm Light Mine, all the work represented in the field-notes, was performed by the applicants or their grantors and exceeds in value the sum of \$500. it will be seen that the work was performed upon the surface ground of the Crescent Mining claim Lat. No. 39. but 40ft of the incline shaft, & 20ft of crosscut ore north of the end line of the Crescent M. C. which part of the work exceeds in value the sum of \$500.00

L. D. Hillman
U. S. Dep. Min. Surveyor.

True Meridian



Plat of the
 Extension of the Morning Star
 Mining claim
 Meyers Dist.
 Pine Co. A.T.
 surveyed by L. D. Chilton
 U. S. Dep. Min. Surveyor.

Scale 200 ft. to 1 inch.

Territory of Arizona
County of Pima

A. Caldwell and B. J. Russell each being duly sworn according to law depose and say that they are acquainted with the Extension of the Morning Star Mining Claim situated in Ingles Mining District Pima County aforesaid and have resided for more than twelve months past in said Mining District and are familiar with the location and position of the initial Monument of the said Extension of the Morning Star Mining Claim and that said initial monument of the said Extension of the Morning Star Mining Claim is adjacent to the initial monument of the Morning Star Claim in said Ingles District and a few feet to the west of the said initial monument of the Morning Star Claim and that we are not personally interested in said mine.

B. J. Russell.
A. Caldwell

Sworn to and subscribed before me
this 7th day of March A. D. 1882.

J. D. Hillson

Notary Public

Morning Star Mine, Ex.

Notice of Location. Notice is hereby given that the undersigned in compliance with the requirements of the Mining Act of Congress approved May 10th 1872, have located a mining claim of 1500 linear feet in length by 600 feet in width and more particularly described as follows: Commencing at a monument of stone, being the centre of the Northeasterly end of claim, and upon which this notice is posted, and running in a Southeasterly course 300 feet to a monument of stone; thence in a Southwesterly course 1500 feet to a monument of stone; thence in a North westerly course 300 feet to a monument of stones, being the centre of the Southwesterly end of claim; thence in a Northwesterly course 300 feet to a monument of stone; thence in a Northeasterly course 1500 feet to a monument of stone; thence in a South easterly course 300 feet to the place of beginning. This claim is situate in the Myers Mining District, Pima Co. A. T. in what is known as the Granite Mountains, and shall be known as the Extension of the Morning Star Mine. - Located Jan. 10th 1879.

W^m Web

Jno. Butterfield } Locators

Witness G. Miles

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 Location Notice of the "Extension of the Morning Star Mine"

as appears of Record now in my Office in Book *F* Record of Mines *9* Pages *256*.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *23rd* day of *February* A. D. 188*2*.

Chas R Drake

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 Location Notice of the "Extension of the Morning Star Mine"

as appears of Record now in my Office in Book *F* Record of Mines of Pages *256*.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *23rd* day of *February* A. D. 188*2*.

Chas R Drake

County Recorder,

Filed and recorded at request of A. S. White.
May 22nd A. D. 1879, at 9.30 A. M. ^{OT}

S. W. Carpenter, County Recorder
By Hinson Thomas, Deputy.

Amendment to Location Notice
of Morning Star Mine Extension.

Notice is hereby given that
the "Morning Star Extension Mining
Company" a corporation under
the laws of State of New Jersey
are now the owners of said Morn-
ing Star Mine Extension the original
notice of location of which is as fol-
lows. "Morning Star Mine Ex.

"Notice of Location. Notice is hereby
given that the undersigned in com-
pliance with the requirements of
the Mining Act of Congress approved
May 10. 1872. have located a
mining claim of 1500 linear feet
in length by 600 feet in width
and more particularly described as
follows: Commencing at a monu-
ment of Stone, being the Centre of the
North easterly end of Claim, and upon
which this notice is posted, and running
in a Southeastly course 300 feet to a
Monument of Stone; thence in a South-
westly Course 1500 feet to a monument
of Stone; thence in a North westerly
course 300 feet to a monument of
Stones being the Centre of the

" South westerly end of claim thence in
northwesterly course 300 feet to a mon-¹²-
ument of stones; thence in a northeasterly
course 1500 feet to a monument of stone;
thence in a southeasterly course 300 feet
to the place of beginning. This claim
is situate in the Myers Mining Dis-
trict Pima Co. A. T. in what is known
as the Granite Mountains, and shall be
known as the Extension of the Morning
Star Mine Located Jan. 10th 1879. "

" witnesses } W^m Web
" G. Miles } J^{no}. Butterfield Locators "

And that said notice was duly re-
corded in the office of the County Clerk
of said Pima County in Book "4" re-
cords of mines on page 256. And
the better to define the locus of said
claim hereby amended said notice of loca-
tion by adding thereto the following, viz
Situated on the South west side near
the base of the Esperanza Mountain
and said mine being the Southwestern
Extension of the Morning Star Mine
and the second South western Extension
of the Sun Light mine and between one
quarter and one half of a mile South
westerly from Mineral Monument No 1, on

the top of said Esperanza Mountain.

Morning Star Exp. Mining Co

By Ben. Plungley

Atty in fact for Co.

Recorder's Office.

TUCSON, - - Pima Co., A. T.

Filed and recorded at request of

B. P. Wrigley

Feb. 27th

A. D. 1882

at 11.25

A. M.

Book R Rec. of Mine

Pages 798 & 799.

W. R. Drake

County Recorder.

FINAL OATHS FOR SURVEYS OF MINING CLAIMS & 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 Morning Star Extension Silver Mine of the Morning Star located in the Meyers Mining District, Pima County, Arizona, showing the respective capacities in which they acted.

- George Richards Chainman.
- William Waters Chainman.
- C. Ellsworth Axeman.
- 8 Flagman.

WE hereby certify that we assisted Jacques D. Chilson U. S. Deputy Surveyor, in surveying the Morning Star Extension Mining Company's Claim Mining claimed by the Morning Star Extension Company, located in the Meyers Mining District, Pima 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.

- George Richards Chainman.
- William Waters Chainman.
- C. Ellsworth Axeman.
- and Flagman.

SWORN TO AND SUBSCRIBED before me this Sixth day of March 1882.

J. D. Chilson
Notary Public

I, Jacques D. Chilson U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 27 day of February 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 Mineral ground included in the Est. of the Morning Star claim claimed by the Morning Star Extension Mining Company located in Meyers 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.

Jacques D. Chilson Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 14 day of March 1882.

Paul Pieck
Notary Public
Pima Co. Arizona

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *A. Caldwell* and *H. H. White*

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

Extension of Manning Star Mine and

..... mining claim, situate in *Myers*

..... Mining District, *Pima* County, Arizona

Territory, for which *the Manning Star Extension Mining Company*
by Dr. B. B. B. attorney in fact
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 appli-
cant and *his* grantors exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

A. L. White

A. Caldwell

TERRITORY OF ARIZONA,

County of *Pima*

SS.

seventh

SWORN AND SUBSCRIBED before me, this *8th*

day of *March* 188*2*.

E. D. Chilson

Notary Public

U. S. Surveyor General's Office.

Tucson, Arizona, *March 17* 1882

The foregoing field notes of the survey of the *Extension of the*
Morning Star Mining Claim situate in
 the *Meyers* Mining District, *Pima*
 County, Arizona, claimed by *the Morning Star*
Extension Mining Company. —
 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.

John Masson

Surveyor General.