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LOT NO. 42

Survey No. 350

Field Notes

of the survey of the

Irene

Mining Claim

Situate in Pioneer mining district,

County of Pinal and in Sec. _____, Tp. 1 S.

Range 12 E, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Silver Queen Mining Company.

Survey executed by Gustavus Cox D. S.

Under instructions dated March 20th 1882

Survey commenced March 24th 1882

Survey completed March 25th 1882

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, R. B. Borden and W. A. Hall

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.

R. B. Borden

W. A. Hall

SWORN to and subscribed before me, this 23rd day
of March 1882

Gustavus Cox

Notary Public for Pinal County, Arizona Ter.



I, _____

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

SWORN to and subscribed before me this _____ day
of _____, 188_____

Field Notes
 of the
Survey of the "Trene" ~~Axis~~
Mining Claim

situated in Pioneer Mining District
 Pinal County Territory of Arizona

by

Gustavus Cox
 U. S. Deputy Mineral Surveyor
 under instructions from John Wasson,
 U. S. Surveyor General
 bearing date of March 20th 1882

Survey commenced March 24th 1882

Survey completed March 25th 1882

Field Notes of the Survey of the "Irene" ~~Hub~~ Mining Claim

Survey of the Exterior
Boundary line of the Claim

March 24th 1882

Variation as per observations on polaris
13° 20' East

Commencing at the initial Monument,
the place of location notice situated
on the western slope of the hill, bearing
southerly, distance about one mile northward
from the Queen Creek, called formerly
Picket Post Creek, at

A. Post of Pine timber 4 x 4 inches square
and 4 feet long planted 12 inches in the
ground, in a stone monument, marked
on the Eastern side H.L.W.C.N°I and on the
Western side I.M.E.C.N°I. I run in
accordance with the Notice of location
on the Western Boundary of the "Hub Lode"
Claim

North 3/4 West

Var. 13° 20' East

feet ascent to

300.00

A. post of Pine timber 4 x 4 inches square and
4 feet long, in crack in rock in stone mound
being the N. West corner of the "Hub Lode"
mining claim and the N. East corner of the
"Irene" ~~Hub~~ Mining Claim, marked on
the south Eastern side H.L.N.W.C.N°V and
on the south Western side I.M.N.E.C.N°II
From which a Mesquite tree 5 inches dia.
bears North 29° 30' East 29.5 feet dis.
Thence

South 89° 15' West

Var. 13° 20' East

descent

Field Notes of the Survey of the "Irene" ~~Mine~~ Mining Claim

feet	
55.00	Cross trail bearing N. ^{2nd} South
66.00	cross point of rock Bluff
254.00	to line Monument of North Boundary line on west edge of Gulch bearing South Easterly, ascent
753.00	cross mountain spur bearing S. Easterly descent.
1165.00	Cross Ravin bearing S. Easterly ascent.
1353.50	to line Monument about 10 feet north of prospect shaft 8 feet deep of the "Made Duke" Mining Claim
1500.00	to a point on rock Bluff the N. West corner of the "Irene" Mine Mining Claim a place entirely unpracticable to plant a post. From this point I run on the West Boundary line of the "Irene" Mine Mining Claim

South $3\frac{1}{4}^{\circ}$ East

Var. $13^{\circ} 20'$ East

	descent and at
19.80	I planted a Pine timber post 4 x 4 inch. square and 4 feet long, in stone mound under a high Bluff of rock for Witness corner to the N. West corner of the "Irene" Mine Mining Claim marked I.M.N.W.C.N. III from which post a Palo Verde tree 5 in. dia. bears South $69^{\circ} 30' E.$ 64.68 feet dis. marked I.M.N.W.C.N. III B.T descent
300.00	I planted a post of Pine timber 4 x 4 inches square and 4 feet long in stone mound marked I.M.W.C.N. IV on the line of the Lode for the West End Center Monument of the "Irene" Mine Mining Claim from which post a Palo Verde tree 4 inches dia. bears South $19^{\circ} 15' W.$ 7.26 feet dis.
600.00	I planted a post of Pine timber 4 x 4 inch. square and 4 feet long, in stone mound for the South West corner of the "Irene" Mine Mining Claim marked I.M.S.W.C.N. V from

Field Notes of the Survey of the "Irene" ~~Hub~~ Mining Claim

which post a Palo Verde tree 5 inches dia. bears North $30^{\circ}10'$ West 48.8 feet dia, and from this corner post or mound of stone, the U.S.M.M. N^o. I established by Dep. Merritt bears South $5^{\circ}5'$ East 5226.44 dia.

From the South West corner of the "Irene" ~~Hub~~ Mining Claim I run

March 25th 1882
on the South Boundary of the Claim

North $89^{\circ}15'$ East Var. $13^{\circ}20'$ East

feet

- descent and at)
- 182.16 cross Ravin bearing southerly
 - 248.16 cross Ravin bearing southerly
 - 380.16 top of mountain spur ridge to small line monument
 - 776.16 top of ridge of mountain spur bearing southerly
 - 956.34 A. Savoye 8 feet high
 - 1028.68 To small line monument on top of high. Bluff of rock on West Edge of Gulch
 - 1066.56 Center of Gulch bearing South westerly
 - 1139.16 to small stone monument on large ledge of iron cap rock 25 feet high and 20 feet dia. ascent
 - 1205.16 A. shaft 5 feet north 10 ft. deep.
 - 1282.38 A small line monument.
 - 1370.16 Mouth of Tuff's tunnel 5 feet South bearing East about 75 feet long
 - 1403.16 Center of surface incline bearing South 29° West maj. or South $42^{\circ}20'$ West true north.
 - 1500.00 Post of Pine timber in stone mound 4×4 in. square and 4 feet long, the South West cor. of the "Hub Lode" Mining Claim and the South East corner of the "Irene" ~~Hub~~ Mining Claim, marked on the N. E. side H. L. S. W. C. N^o. IV and on the N. W. side T. M. S. E. C. N^o. VI. Hence

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Field Notes of the Survey of the "Irene" ~~Miner~~ Mining Claim

North $3\frac{1}{4}^{\circ}$ West Var. $13^{\circ} 20'$ East

103.00 crop Surface incline bearing S. $42^{\circ} 20'$ W
200.00 shaft 10 feet west of line about 10 feet deep
300.00 Post in stone mound the place of beginning
from this post, the East-End Center of
the "Irene" ~~Miner~~ Mining Claim South
 $89^{\circ} 15'$ West 25 feet dia mouth of a Tunnel
bearing North 20 feet long 5' south of
line (crop cuts in Lode.
Containing an area of 20.66 acres

Report

The "Irene" ~~Miner~~ Mining Claim is located 1365 feet from Pinal City and about 25650 feet from Fortia Mountain in a N. Eastwardly direction, in Pioneer Mining District Pinal County Arizona Territory at an altitude of about 3730 ft. above the level of the Pacific Ocean.

This claim bounded on the East by the "Hub Lode" Mining Claim running nearly East and West. The surface of this claim is very ~~rough~~ rugged no timber. The Lode dips towards the North about 84° .

The Hanging and Foot Walls consist of Limestone and Quartzite. The workings done on the claim by the applicants and the grantors are as follows

- 1st Tunnel 20 feet long bearing north
- 2^d Shaft 10 feet deep
- 3^d Lower part of surface incline bearing South $42^{\circ} 20'$ West 150 feet long.

And I hereby certify that the improvements upon this claim done by the applicants and grantors exceeds in value the sum of Five Hundred Dollars

Gustavus Coe
U. S. Dep. Mineral Surveyor

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
"Irene" Mine
located in Pioneer Mining District, Pinal County, Arizona, showing the respective capacities in which they acted.

R. B. Borden Chairman.
W. A. Hall Chainman.
Axeman.
Flagman.

WE hereby certify that we assisted Gustavus Cox
U. S. Deputy Surveyor, in surveying the
"Irene" Mine Mining Claim
claimed by the Silver Queen Mining Company
located in Pioneer Mining District, Pinal 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.

R. B. Borden Chainman.
W. A. Hall Chainman.
Axeman.
Flagman.

SWORN TO AND SUBSCRIBED before me this 25th day
of March 1882

Gustavus Cox
Notary Public Pinal County, Ariz
Arizona Territory

I, Gustavus Cox U. S. Deputy Surveyor, do solemnly swear that, in pur-
suaunce of instructions from the U. S. Surveyor-General for Arizona, bearing date the 20th day of
March 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
"Irene" Mine Mining Claim
claimed by Geo. B. Stauchberg Esq. for the Silver Queen M. Co.
located in Pioneer Mining District, Pinal 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.

Gustavus Cox Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 25th day
of March 1882

W. J. Green
Notary Public
Pinal County
Arizona



Notice of Location

Notice is hereby given that the undersigned in compliance with the requirements of the mining act of Congress approved May 10, 1872, has this day located and claims 1500 linear feet along the course of this lode or vein of mineral bearing ore, and 300 feet in width on each side of the middle of said lode or vein, situate in the Pioneer Mining District, Pinal County Arizona Territory, and described as follows to wit: Commencing at this monument and notice on the S. E. end of claim, thence N. E. 300 feet to a stone monument, thence N. W. 1500 feet to a stone monument, thence S. W. 300 feet to the center stone monument on the N. W. end of claim, thence S. W. 300 feet to a stone monument, thence S. E. 1500 feet to a stone monument, thence N. E. 300 feet to the place of beginning. This claim joins the Hub mine on the N. W. end and shall be known as the "Keene" mine.

Located September 1st A. D. 1876.

Keene Vail

Witnesses W. Tuttle & Charles Mason

Filed and Recorded at request of W. F. Vail at 9 o'clock A. M. February 26th A. D. 1877,

Jno. J. Dwinie Recorder

Territory of Arizona }
County of Pinal } o. s.

J. Jno. J. Dwinie County

I, the undersigned and for the the said Pinal
 County, do hereby certify that the above
 and foregoing is a full true and correct
 copy of the Notice of Location of the
"Irene"

mine, situate in Pioneer mining district
 Pinal County, A.T. as the same appears
 of record in my office, in Book 1 of
 Mines at Page 433, and of the whole
 thereof.

Witness my hand and Official
 Seal this the 8th day of
 March A. D. 1882.
 Jno. J. Duwice

Certified Copy

of
Location Notice

of Mine
"Irene"

Pioneer Dist. Pinal County

AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, P. J. Jennings and P. W. Bannick
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
"Pioneer Mine"
_____ mining claim, situate in the
Pioneer Mining District, Pinal County, Arizona
Territory, for which Geo. B. Stoutenberg and Sup^r for the Silver Queen M. Com.
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 _____ grantor exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

P. J. Jennings
P. W. Bannick

TERRITORY OF ARIZONA,

County of Pinal } SS.



SWORN AND SUBSCRIBED before me, this 9th
day of March 1882.

Gustavus Cox
Notary Public for Pinal County
and Arizona Territory

Territory of Arizona,
County of Pinal } 25

William Tuttle of
Pinal County, Arizona Territory, being
duly sworn says that he was a witness
to the location of the Deane Mining claim,
said claim being situated in Pioneer
Mining District, County of Pinal afore-
said, and was present on said Deane
Mining claim at the time of its
location, Sept 1st A.D. 1876. - That he
is not interested in the aforesaid mining
claim, that he is a citizen of the United
States, and well acquainted with said
Deane Mining claim, and that the
survey of said Deane Mining claim, made
on March 24th & 25th A.D. 1882, by Gustavus
Cox Deputy U.S. Surveyor, embraces the
identical ground originally claimed by
the locator - Deane Vail; and, further,
that the initial point of discovery of said
mining claim, where location notice of said claim
was posted, is the same point from which
said survey has been made.

Subscribed & sworn to before } W Tuttle
me this 31st day of March, A.D. 1882 }

Gustavus Cox

Notary Public for County of Pinal & Arizona Territory.

John Manning Claim,
Pioneer Mining District
Pinal County, Arizona

Affidavit of William
Tuttle, to identity of
claim

U. S. Surveyor General's Office

Tucson, Arizona, April 5th 1882.

The foregoing field notes of the survey of the "Irene"
 Mining Claim situate in
 the Pioneer Mining District, Pinal
 County, Arizona, claimed by The Silver Queen
 Mining Company,
 survey executed by Gustavus Cox, 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 Wasson,
 Surveyor General.

