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(4-683.)

Mineral Survey No. 1097

Lot No.

Gila

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

the Harqua Tala Bonanza and Golden Eagle
Mining and Milling Company

KNOWN AS THE

"Narrow Gage"

Ellsworth

Mining District,

Yuma

County,

Arizona Territory

Section

Township

Unsurveyed Range

11W

Surveyed under instructions dated

January 17th, 1893

by

Theris A. Hicks.

U. S. Deputy Mineral Surveyor.

Claim located

March 11th

, 1889

Survey commenced

March 21st

, 1893

Survey completed

March 21st

, 1893

PRELIMINARY OATHS OF ASSISTANTS IN SURVEY OF MINING CLAIM.

I, Valentin Gutierrez and _____,
do solemnly swear that we will well and faithfully execute the duties of chain carriers; that we will level the chain upon even and uneven ground and plumb the tally-pins, either 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 ~~my~~ skill and ability, and in accordance with instructions given us, in the survey of the Mining Claim of the Marqua Hala Bonanza and Golden Eagle Mining and Milling Company, known as the Narrow Gage of Pacer Mining Claim situate in Ellsworth mining district, Yuma County, Territory of Arizona, in Section _____, Township No. _____, Range No. _____.

Valentin Gutierrez, Chairman.
_____, Chairman.

Subscribed and sworn to by the above-named persons before me this 21st day of March, 1893

J. M. Strane
Notary Public in and for the County of _____
Territory of Arizona.

I, _____, do solemnly swear that I will well and truly perform the duties of axeman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.
_____, Axeman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

I, _____, do solemnly swear that I will well and truly perform the duties of flagman, in the establishment of corners and other duties, according to instructions given me and to the best of my skill and ability, in the survey of the Mining Claim of _____

known as the _____,
more fully described in the preceding affidavit.
_____, Flagman.

Subscribed and sworn to by the said _____
before me this _____ day of _____,
18 _____.

(I)

Survey No. 1097
Narrow Gauge Placer Claim.

Beginning at Corner No. 1,

Identical with Corner No. 1 of the location.

Whence,

U.S. Location Monument No. 1, Ellsworth Mining
District, bears N. 39°-35'-20" E. 5837.3 ft. dist.

Corner No. 1 of survey No. 1097, consists of an iron
gad, 5/8" in diam. by 18" in length, set eighteen
inches in depth, in loose rock in place, and inten-
ded to indicate the exact location of the corner.

Over the center of this is set a redwood post, 4-
1/2 ft. long, 2 x 3 inches square, marked I
1097, and
surrounded by a mound of stones, with an eight ft. ~~base~~
base and four ft. in height.

(N.B. This method of marking the corners of
Survey No. 1097 was adopted on account of the impos-
sibility of obtaining suitable material for posts
of the size specified in the general instructions
of the Hon. Surveyor General, and under special per-
mission granted by him under date of 1892.

All corners of this survey are surrounded by
mounds of stone not smaller in size than the one
above described, and conform in every particular
to the description of Cor. No. 1.

Thence, S. 43°-22' W.
Var. 14°-03' E.

15.00 Cross wagon road from Harqua Hala to Aztec.

40.73 To Corner No. 2,

An iron gad, set in loose rock in place, on
which is set a redwood post, 4-1/2 ft. long, 2 x 3
ins. square marked 2
1097, with mound of stone.

Whence, corner no. 2 of the location, identi-
cal with Cor. No. 2, of Survey No. 1081 A, bears

S. $51^{\circ}42'$ E. 1.00 ft. distant.

Thence, N. $51^{\circ}42'$ W.
Var. $14^{\circ}03'$ E.

60.00 Cross wagon road.

~~XXXXXX~~ ~~XXXXXXXXXX~~.

727.00 To edge of tailings reservoir.

891.00 To edge of tailings reservoir.

982.00 Cross wagon road.

1025.00 Intersect East side of store and office building, 32 ft. from the N.E. corner.

1059.00 Intersect North side of store and office building 13 ft. from the N.E. corner, and 19 ft. from the N.W. corner the building being 32 x 42 ft., with an office building, 12 x 16 ft. at the South East corner.

1129.00 Cross wagon road.

1198.00 Intersect south side of Superintendents residence, 39 ft. from N.E. corner, and 31 ft. from S.E. corner.

1234.00 Intersect north side of Superintendents residence, 47 ft. from the N.W. corner, and 23 ft. from the S.W. corner, the building being 35 x 70 ft. N. $51^{\circ}00'$ E.

1496.63 To Corner No. 3,
Identical with corner No. 3, of Survey No. 1081 A,
an iron gad, let into the loose rock in place, on which is set a redwood post, 4-1/2 ft. long, 2 x 3 ins. square, marked $\frac{3}{1081}$ A, and $\frac{3}{1097}$, and surrounded by a mound of stones; whence, Corner No. 3 of the Narrow Gage location bears N. $51^{\circ}42'$ W. 42.5 ft. distant.

Thence, N. $45^{\circ}22'$ E.
Var. $14^{\circ}03'$ E.

72.00 To Corner No. 4,
An iron gad, let into the loose rock in place, on which is set a redwood post, 4-1/2 ft. long, 2 x 3 inches square, marked $\frac{4}{1097}$, and surrounded by a mound of stones.

(3)

Whence Corner No.4 of the location bears N.50°30' W.
46 ft.distant.

Thence, S.50°30'20" E.
Va.14°03' E.

- 338.00 Cross wagon road from Harqua Hala to Harrisburg.
53900 Cross wagon road to Aztec.
614.00 To edge of tailings reservoir.
779.00 To edge of tailings reservoir.
1385.00 Cross wagon road from Harqua Hala to Aztec.
1494.10 To Corner No.I, the place of beginning, containing,
I.92 acres.

-----x-----

Location.

This claim is located in an unsurveyed township,
and is connected with U.S. Location Monument No.I, of
Ellsworth Mining District.

-----x-----

Expenditure of Five Hundred Dollars.

I certify that the value of the improvements and
labor on this claim, or in behalf of the same, placed
thereon, or made, by the claimant and its grantors, is
not less than five hundred dollars, and that said im-
provements consist of a proportion ^(in amount \$1,000.) of the improvements
made for the benefit of the Consolidated Bonanza Group
Survey 1081 A & B, said improvements consisting of a
thirty stamp mill, hoisting works, pumping works and
six miles of pipe line, through which water is pumped
from the Harrisburg Wash, and other improvements build-
ings, etc, necessary for the operation of the mine, the
valuation of which amounts to \$50,000.00.

The placer gold in this claim was originally con-
tained in the vein matter of the Gold Mountain lode
which crops along the side hill above the Narrow G age
placer location. The soil is an intermixture of sandy

gravel, and quartzite, with porphyry and limestone, and is only a few ft. in depth. The plan of working the claim for its gold is to sort out ~~xxx~~ all but the finer particles through sieves, or screens, and car the remaining portion, through an adit, to the main incline of the Gold Mountain, where it is emptied into the ore chutes, and eventually hoisted and deposited in the ore bins of the stamp mill, together with ore from the Gold Mountain and other portions of the Consolidated Bonanza Group. There is not timber of consequence on this claim, the only vegetation consisting of small Palo Verde shrubs.

No known streams of water are situated nearer to this claim than the Harrisburg Wash, distant about six miles, and were it not for the fact that the claim is favorably situated, enabling the handling of the placer dirt through an adit, to the hoisting works, as above explained, the claim could not be successfully worked as an independent proposition. The water supply obtained through a four inch pipe line is amply sufficient for the thirty stamp mill.

As far as known, no lodes, salt licks, or salt springs exist within the boundaries of this claim.

-----x----- *Henry A. Nicks*
U. S. Deputy Mineral Surveyor.

Instruments.

This survey was made with a Gurley light mountain solar transit. The courses were deflected from the true meridian as determined by solar observations. Distances were measured with a 300 ft. steel tape, all distances being measured with a spring balance attachment, from the axis of the instrument, the vertical angle taken, and the proper reduction made to obtain the true horizontal distance.

Affidavit of Five Hundred Dollars Improvements.

We, Charly Pickreback and Frank Van Ness

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

Narrow Gaps Place Mining ~~mine~~ claim, situated in Ellsworth Mining District, Yuma County,

Arizona Territory, for which the Marqua Pala Bonanza and Golden Eagle Mining and Milling Company

have 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, ^{and for the benefit thereof} by the applicants and their grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

Charly Pickreback
Frank Van Ness

TERRITORY OF ARIZONA,
County of Yuma } ss.

SWORN to and subscribed before me, this 21st day
of March 1893

J M Strans
Notary Public in and for the
County of Yuma Territory
of Arizona.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Lewis A. Hines
 United States Deputy Mineral Surveyor, to assist in running, measuring, and marking the lines
 corners and boundaries described in the foregoing field notes of the survey of the mining claim
 of the Hargreaves, Bonanza and Golden Eagle Mining & Milling Co
 known as the Narrow Gauge Placer Mining Claim
 and showing the respective capacities in which they acted.

Valentino Gutierrez, Chairman.
 _____, Chairman.
 _____, Axman.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

I, Valentino Gutierrez
 We, _____
 and _____, do solemnly swear that we assisted Lewis
A. Hines, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of the Hargreaves
Bonanza and Golden Eagle Mining and
Milling Company, known as the Narrow
Gauge Placer Mining Claim, represented
 in the foregoing field notes as having been surveyed by said deputy mineral surveyor and under
 his direction; and that said survey has been in all respects, to the best of ^{my} our knowledge and
 belief, faithfully and correctly executed, and the corner and boundary monuments established
 according to law and the instructions furnished by the United States Surveyor-General for
Arizona

Valentino Gutierrez, Chairman.
 _____, Chairman.
 _____, Axman
 _____, Flagman.

Subscribed and sworn to by the above-named persons before me
 this 21st day of March, 1893.

J. M. Strauss
 Notary Public in and for
 the County of Yuma, Ter -
of Arizona

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR.

I, Lewis A. Hicks, U. S. Deputy Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated Jan. 17th, 1893, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Surveyor General, faithfully and correctly executed the survey of the Mining Claim of the Harquahala Bonanza and Golden Eagle ^{Placer} Mining & Milling Company, known as the Narrow Gage Placer Mining Claim, situate in Ellsworth Mining District, Yuma County, Arizona, in Section _____, Township No. _____, Range No. Muscogee, and designated as Survey No. 1097, as represented in the foregoing field notes, which accurately show the boundaries of said mining claim as distinctly marked by monuments on the ground, and described in the attached copy of the location certificate, which was received by me from the Surveyor General with said instructions, and that all the corners of said survey have been established and perpetuated in strict accordance with the law, official regulations and instructions thereunder; and I do further solemnly swear that the foregoing are the true and original field notes of said survey and my report therein, and that the labor expended and improvements made upon said mining claim by claimant or them grantors are as therein fully stated, and that the character, extent, location and itemized value thereof are specified therein with particularity and full detail, and that no portion of said labor or improvements so credited to this claim has been included in the estimate of expenditures upon any other claim, Except that the Expenditures made for the working plant of Survey #1081 & are also for the benefit of Survey #1097 as specified in my report.

Lewis A. Hicks
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lewis A. Hicks,
U. S. Deputy Mineral Surveyor, before me Robert W. Straus,
Notary Public, this 21st
day of March, 1893.

R W Straus
Notary Public in and for the
County of Yuma, Ter. of Arizona.

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227M

" LOCATION NOTICE."

We the undersigned have this day located this fraction of
of ground for mining purposes situated in Ellsworth Mining
District Yuma Co. A. T. and more fully described as follows
to wit:

Commencing at this monument of stones being the North East-
erly corner and running about 50 feet in a Southerly direc-
tion to a monument of stones and the N. E. corner of the
Gold Mountain Mine thence running Westerly 1500 feet to a
monument of stones then Northerly about 100 feet to a mon-
ument of stones then Easterly 1500 feet to place of begin-
ning this claim is lying Northerly of thy Gold Mountain Mine
and running parallel and along the Northerly side line of
Gold Mountain Mine and shall hold and claim the same for
and as a Placer mine and known as the Narrow Gage Mine.
Dated on the ground this day March 11th 1889.

Locators

Robert Denton
O. B. Bloomer
A. A. Ross.

Recorded at request of Robert Denton O. B. Bloomer and A. A.
Ross April 26th 1889, at 11 O'clock A. M.

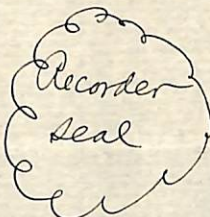
Francisco Avila.
County Recorder.

Territory of Arizona)
) s.s.
County of Yuma)
)

I J. L. Redondo County Recorder in and for the
County of Yuma, do hereby certify that the foregoing is a
true and correct copy of the "Narrow Gage" Mining Claim, as
the same appears of record in my office in Book F. of Mines
page 33 Yuma County, Records.

Witness my hand and Seal this 14th day of October
1892.

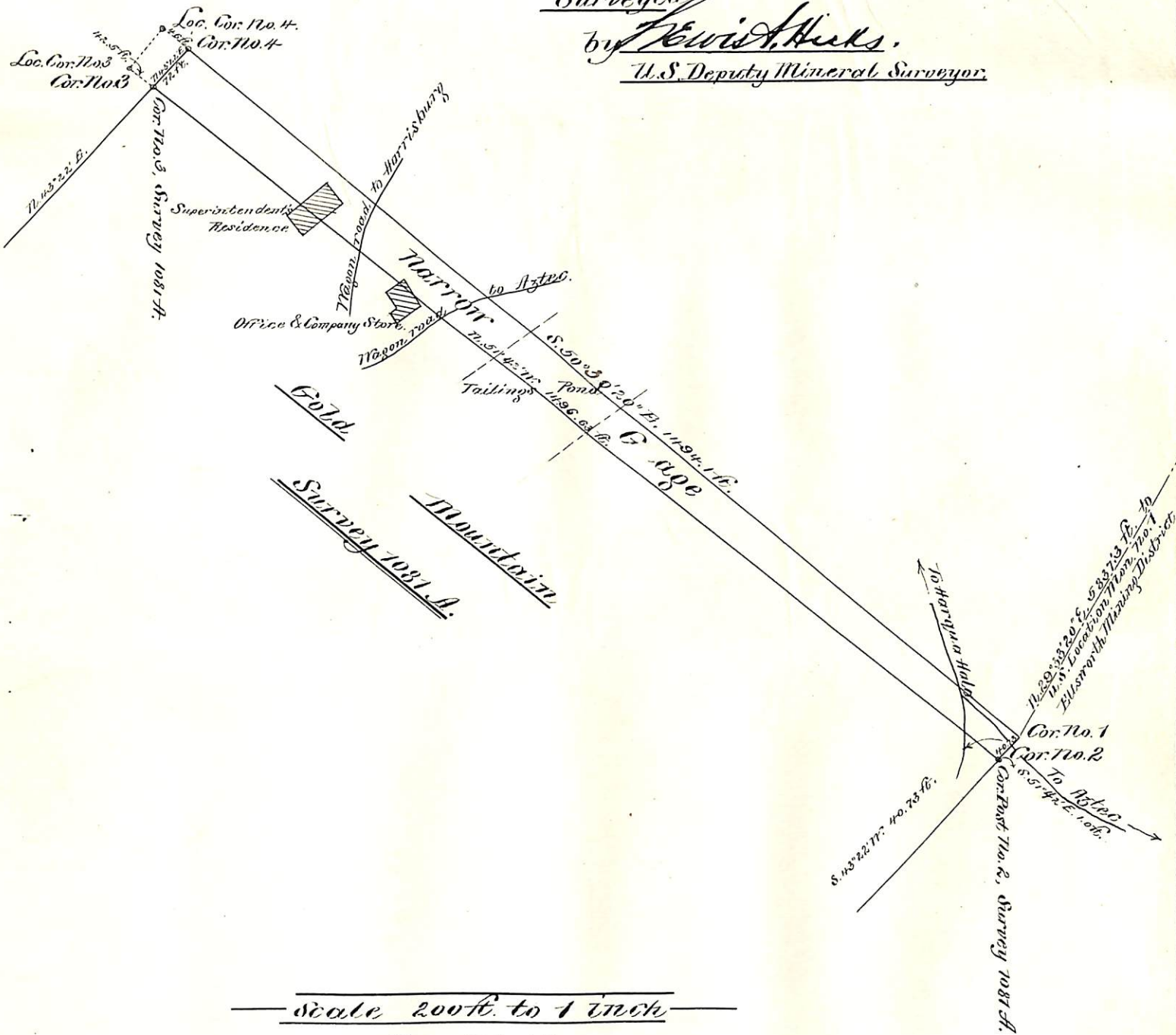
J. L. Redondo
County Recorder
Yuma Co. A. T.



Survey No. 1097

Gila Land District

Surveyed
by Lewis A. Hicks,
U.S. Deputy Mineral Surveyor.



Scale 200 ft. to 1 inch
Var. 14° 03' E.

(4-687.)

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Tucson, Arizona
April 22, 1893

I, U. S. Surveyor General for

District of Arizona,

do hereby certify that the foregoing and hereto attached Field Notes and Return of the

Survey of the Mining Claim of

Placer The Sargua Sala
Bonanza and Golden Eagle
Mining and Milling Company, known as the
Narrow Gage

situate in Ellsworth mining district,

Yuma County, Arizona,

in Section _____, Township No. _____, Range No. _____

and _____, designated as Survey No. 1097

executed by Lewis A. Hicks, U. S. Deputy Mineral

Surveyor, March 21st, 1893, under my instructions dated

January 17th, 1893, have been critically examined and the

necessary corrections and explanations made, and the said Field Notes and Return, and

the Survey they describe, are hereby approved. A true copy of the copy of the location

certificate filed by the applicant for survey is included in the field notes. _____

U. S. Surveyor General for

Rufus S. Johnson
Arizona

(4-694.)

TITLE PAGE TO REPORT UNDER CIRCULAR "N" OF SEPTEMBER 23, 1882.

REPORT

Under General Land Office Circular "N" of September 23, 1882, upon the Placer Mining

Claim known as the "Narrow Gage"

, claimed by

the Harquattala Bonanza and Golden Eagle
Mining & Milling Companysituate in Ellsworth Mining District,Yuma County, Arizona, embracingOne and $\frac{92}{100}$ Acres of Placer ground in
Musseyville Township.in Sec. _____, Town Musseyville, Range _____Examination made Mar 21, 1893,By Lucas A. Allen

U. S. Deputy Mineral Surveyor.

OATH OF U. S. DEPUTY MINERAL SURVEYOR

Under General Land Office Circular "N" of September 23, 1882.

I, Lewis A. Hiers, U. S. Deputy Mineral

Surveyor, do solemnly swear that in pursuance of an order received from the U. S. Surveyor General for Arizona, dated Jan. 17th,

18 93, I have made, under the provisions of General Land Office Circular "N," approved September 23, 1882, a personal and thorough examination, upon the premises,

of the placer mining claim of the Harqua Hala Bonanza and Golden Eagle Mining and Milling Company known as the "Narrow Gorge",

situate in Ellsworth Mining District, Yuma County, Arizona, embracing

the ground shown on the plat accompanying the field notes of the Survey of the said Harqua Hala, being official Survey No. 1097 of the Gila Land District

as surveyed in Township No. _____, Range No. _____, and that my report of such examination, hereto attached, is specific and in detail, and is a full and true statement of the facts upon all the points specified in said Circular.

Lewis A. Hiers
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Lewis

A. Hiers, U. S. Deputy Mineral Surveyor,

before me R. M. Strang

this 21st day of March, 1893.

R. M. Strang
Notary Public in and for the
County of Yuma Territory of Arizona

Report of Deputy Mineral Surveyor on the Narrow Gage
Placer Mining Claim, Survey No. I097, under General Land
Office Circular "N", Sept. 23d. 1892.

To the Honorable,

The U.S. Surveyor General,

for the Territory of Arizona.

Sir;

Complying with the requirements of G.L.O. Circular "N", of Sept. 23d. 1892, I have made a personal examination of the Narrow Gage Placer Mining Claim, with reference to the points enumerated in the above mentioned circular.

The soil is from one to four ft/in depth, where excavations have been made, and is composed of an intermixture of sandy gravel and disintegrated quartzite, with porphyry and limestone. The gold found in this claim shows little wear, and evidently has come from the weathering of quartz veins near at hand. The Gold Mountain vein crops on the side hill above the Narrow Gage, and it is probable that most of the gold in the Narrow Gage comes from the disintegration of the surface croppings of the Gold Mountain vein.

There is no timber of consequence on this claim, or in the vicinity, the only vegetation consisting of small Palo Verde shrubs.

No known streams of water are situated nearer than the Harrisburg Wash, distant about six miles, from which the water supply for the working of this and the adjacent Consolidated Bonanza Group is pumped through a four inch pipe line.

As far as known, no lodes, salt licks, or salt springs exist within the boundaries of this claim.

The nearest post office is Harqua Hala, a small mining town situated immediately north of the Narrow Gage claim. Harqua Hala is the headquarters for the Harqua Hala Bonanza and Golden Eagle Mining and Milling Company, the claimants for the Narrow Gage, and its ex-

istence is largely due to the operations of this company in the working of their mines, in and around Harqua Hala.

Very respectfully,

Stewart A. Mearns

U.S. Deputy Mineral Surveyor.

The Harqua Hala, Pinal and Goldmine Co.

M. & M. Co.

"Narrow Gauge"

Eliz.

Yours

CORROBORATIVE AFFIDAVIT UNDER GENERAL LAND OFFICE
CIRCULAR "N" OF SEPTEMBER 23, 1882.

Territory of Arizona

County of Yuma

ss:

Charley Pfenbark and Frank Van Ness,

being first duly sworn, severally depose and say that he is personally and well acquainted

with the placer-mining claim of the Marquatta Branch and Golden Eagle

M. & M. Co.

, known as the

"Narrow Gage"

, situate in

Ellsworth

Mining District,

Yuma

County,

Arizona

, embracing the

ground shown on the plat accompanying the

field notes of the survey of said Narrow Gage

Placer Claim, made by Lewis A. Hicks, and attached

hereto,

, in Township No. _____,

Range No. Unsurveyed;

and also with the character of all the land included

in said claim, and has been so acquainted for Two years last

past; that his knowledge of said claim and land is derived from prospecting

the claim with a gold pan

and is such as to enable him to

testify understandingly with regard thereto; that he has carefully read the foregoing

report of

Lewis A. Hicks

, U. S. Deputy Mineral

Surveyor, and that to his own personal knowledge said report is in all respects true and

accurate.

Charley Pfenbark
Frank Van Ness

Subscribed and sworn to by the above-named persons before me

this 21 day of March, 1893.

J. M. Strain

Notary Public in and for the
the County of Yuma, Territory of Arizona

(4-697.)

U. S. SURVEYOR GENERAL'S APPROVAL
OF
REPORT UNDER GENERAL LAND OFFICE CIRCULAR "N,"
OF SEPTEMBER 23, 1882.

Department of the Interior,

OFFICE OF U. S. SURVEYOR GENERAL,

Tucson, Arizona
April 22^d, 1893

I, U. S. Surveyor General for *Arizona*, do hereby
certify that the foregoing and annexed report of the examination of the placer min-
ing claim of *Harcos, Hala Bonanza and Golden*
Eagle Mining & Milling Company, known as the
"Narrow Gorge."
made by U. S. Deputy Mineral Surveyor *Lewis A. Hucks*
under the provisions of General Land Office Circular "N," approved September 23,
1882, and under my instructions dated *January 17th, 1893*, has been
carefully examined and conforms in all respects to the requirements of said Circular;
and said Report is hereby approved.

Royal Johnson
U. S. Surveyor General for *Arizona*