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LOT NO. 40

Survey No 492

Field Notes

of the survey of the

Young America

Mining Claim

Situate in Silver Bell mining district,

County of Pima and in Sec. 10, Tp. 12 S

Range 6 7 1/2, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Young America Copper Mining
Company

Survey executed by Wm S. Edwards U.S. D. S.

Under instructions dated February 23^d 188 3

Survey commenced March 6. 188 3

Survey completed " 13. 188 3

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, Andrew B. Koen and John Erickson
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.

Andrew B. Koen.
John Erickson

SWORN to and subscribed before me, this 23rd day
of February, 1883

William J. Asham
Notary Public

X. Juan Escalante & Demicio Valentin
do solemnly swear that I will well and truly perform the duties of Assman
Flag man according to instructions given me,
and to the best of my skill and ability.

his
Juan X Escalante
mark
his
Demicio X Valentin
mark

SWORN to and subscribed before me this 23rd day
of February, 1883

William J. Asham
Notary Public



6
3

U. S. Mineral Monument

No II Silver Bell Mining District Pima County A.T.

This Monument is located on the South West end of the Detroit Mining Claim on the ridge coming from the Young America Peak which forms the water shed the waters on one side running to East and the other to the West, and South of the Trail to Patton.

From the U.S. Mineral Mon. No II

"North Peak" Base N. $17^{\circ} - 15' E$

Clark's Peak " N. $54^{\circ} - 10' E$.

Center of Store house S. $84^{\circ} - 15' E$.

Highest point of Copper Peak S. $58^{\circ} - 45' E$.

" " Young America S. $28^{\circ} - 10' E$

Right hand peak of small

saddle on plain S. $4^{\circ} - 45' W$

Peak above N. Center Detroit N. $35^{\circ} - 30' W$

Var. $13^{\circ} - 45' E$.

This point is marked by a 4x4 inch Pine Post sunk in ground eighteen inches, surrounded by a large monument of rock. Post marked U.S. M. M. No II S.B.D. Block letters cut with chisel about $\frac{1}{4}$ inch deep & letters painted black - all brush for radius of two hundred feet cleared away

Monument established March 6th 1883 by

Wm. J. Edwards

U.S. Dep. Min. Surveyor

Field Notes
 of the Survey
 of the
 Young America Mining Claim
 Silver Bell Mining District
 Pima Co. A. T.

Claimed by
 the Young America Copper
 Mining Company
 Surveyed March 6th to 15th 1883
 Under instructions from the
 U. S. Surveyor General
 Dated February 23rd 1883

Wm. Edward
 U. S. Dep. Min. Sur

Field Notes of the Official Survey

Part of the Young America Mining Claim
Silver Bell Mining, District Pima Coy. A.T.

Instrument used

Buff & Burgess, Boston, Transit
No 235 - Four inch magnetic
needles, compass circle grad-
uated to thirty minutes -
outer circle six inches in
diameter, graduated to fifteen
minutes and reading by two
verniers to one minute

Variation of needles
 $13^{\circ} - 45' E.$

by observation on Polaris

Commence at East centre
of claim, which I found
marked by a stake set
in a monument of rocks
I replace it by a 4×4 inch
pine post, four feet long
set on solid rock one
foot in the ground, mark-
ed Y.A.M.C.E.C. N^o 1 and sur-

rounded by a monument of
rocks four feet at base, and
two feet high. No cross

This monument is located
to the North and under
a high bluff of rocks
From this point I run

No $00^{\circ} - 45' E.$

Magnetic variation $13^{\circ} - 45' E.$
Descending a steep side hill

180

Arroyo running South West,
just above its junction with
the Spring gulch

200

across arroyo and ascend

Field Notes of the Young America M.C.

- Feet a steep point leading to a small mesa
- 300 To the S.E. corner of claim marked by a stake set in a monument of rocks, which I replace by a 4x4 inch pine post, four feet long set one and one-half feet in the ground, marked Y.A.M.C. N.E. Cor. N° 11 and surrounded by a monument of rocks four feet at base and two feet high. No trees
- From this corner I run N. 89° - 15' W.
Mag. var. 13° - 45' E.
By forward and back sights
- 330 Gradual descent from mesa Enter Spring Gulch running Southwly
- 370 Across Gulch ascend steep hill leading to small mesa
- 434 Edge of mesa
- 470 Center of road
- 484 Edge of mesa and commence gradual ascent of side hill
- From this point an Adobe building bears \angle $0^{\circ} - 45^{\circ} E$ distant 96 feet
- 638 Top of ridge and descend
- 695 old stone breast works bears \angle $0^{\circ} - 45^{\circ} E$ dist 54 ft.
- 750 cross trail
- 757 S. E. Corner of Detroit Mining claim marked by a stake and monument of rock
- 840 Junction of two small arroyos running Southwly and just above their junction with large gulch
- 1020 Top of ridge

Field Notes of the Young America M.C.

Feet
 1090 Stone House base $S. 0^{\circ} - 45' E.$
 distant 79 feet
 1240 Enter Gulch running
 South Easterly.
 1300 Across Gulch and ascend
 1308 Corner of Detroit silver
 claim marked by a stake
 in Monument of rocks
 1496 To the N. W. corner of claim
 and the North East corner of
 the Young America Extension
 West mining claim, marked
 by a stake set in a mon-
 -ument of rock, which I
 replace by a four by four
 inch pine post, four feet
 long set one and one-quarter
 feet in the ground marked
 on our side Y.A.M.C. N.W. Cor.
N^o III, and on the other Y.A. Ex.W.
M.C. N.E. Cor. N^o II and surround-
 ed by a monument of rock
 four feet at base and two
 feet high No trees near
 From this corner I run

S. $0^{\circ} - 45'$ N.
Mag. Var. $13^{\circ} - 15'$ E.
 By Forward and back sights

150 Across Arroyo running a
 little East of North
 300 To West Center of claim
 which is also the Initial
 Point of the Y. A. Ex. N. M.C.
 marked by a stake set in
 a monument of rock, which
 I replace by a 4x4 inch
 pine post four feet long
 set one and one-half feet in
 the ground, marked on our
 side Y.A.M.C. W.C. N. N^o IV. and

Field Notes of the Young America M. Co.

and on the other side Y.A. Ex. W.
M.C. E.C. N° I, and surrounded
by a monument of rock, four
feet at base and two feet high
No trees Continue on same
course

555

Ground ascending to south
to the foot of Copper Peak
The corner of claim comes on
the side of a solid bluff
of rock which is almost im-
possible to reach and when
no monument or mark can
be made without blasting
I set corner of Y.A. M.C. &
S.E. corner of Y.A. Ex. W. M.C.
The N.E. corner of the Aztec
M.C. and N.W. Cor. of the
Navajo Mining claim On the
line two hundred and fifty
-five feet from the N. center
of the Young America M.C.
which I mark by a post
of pine 4x4 inches four feet
long set 9 inches in the ground
marked on four sides thus
Y.A. M.C. S.W. Cor. N° V - 45'
Y.A. Ex. W. M.C. S.E. Cor. N° VI + 45'
A. M. C. N.E. Cor. N° II + 45'
N. M. C. N.W. Cor N° III 45' N.

and surrounded by a monument
of rock two feet high No trees
From this corner I run

S. 89° - 15' E.

Mag. Var. 13° 45' E.

275

by forward and back sights
End of Copper Peak make
offset S. 0 - 45' N. 45 feet
on to south line of claim
and then run on course
S. 89° - 15' E.

Field Notes of the Young America M.C.

900 Along a broken ridge of rocks
 over a small bluff of rock
 and descend into Spring Gulch
 below its junction with another
 big gulch cutting through the
 Young America.

1005 Spring Gulch 50 ft. wide
 and ascend steep side hill
 with small rocky fragments.

1425 Top of ridge in saddle
 and land slopes to the
 South and South East

1496 To South East Corner of Y.A.
 M.C. and N.E. Corner of the
 Navajo M.C. marked by
 a stake in monument of
 rock, which I replace by
 a 4x4 inch Pine Post set
 one and one-half feet in the
 ground marked on two sides
 Thus Y. A. M. C. S. E. Cor. N° VI
N. M. C. N. E. Cor. N° II Surrounded
 by a monument of rock four
 feet at base and two feet high
 No trees - From this Corner I run

N. 2°-45' E.

Mag. Var. 13° 45' E

25 by Forward and back sight
 Top of a gradual ascent
 and run along steep rocky
 side hill, land sloping
 very abruptly to the West
 into Spring Gulch

270 Top of rocky bluff

300 To the East Center Monument
 and the place of beginning

Containing 20 ⁶¹/₁₀₀ Acres
 From N. W. Corner of the claim
 W. 1/4 Min. Mon No 11 base N. 75-38 W
 distant 704 feet

Field Notes of the Young America M.C.

Feet

Location of Holes
on the Young America M.C.

From the East Center monument I run along Center
N. 89°-15' W.

- 425 Mouth of Tunnel No 1 running Southwly. 4' x 6½ feet 181 feet long with drifts East and West and two winzes
- 440 Old Shaft partially filled
- 460 Shaft 4 x 6 feet and 13 feet deep brass N. 0° 45' E. dist. 60 ft.
- 510 Across large irregular open cut
- 555 Shaft 4½ x 6 feet, 52 feet deep Connected with Tunnel No 1 brass N. 0°-45' E. distant 110'
- 602 East end of Open Cut 20' deep brass N. 0°-45' E. distant 190 ft.
- 640 Shaft 4½ x 7 feet. 50 feet deep with crosscuts and drifts, sunk in Open Cut brass N. 0°-45' E. distant 150 feet.
- 685 West end of Open Cut no depth brass N. 0°-45' E. dist. 120'
- 760 Tunnel No 2 4 x 6½ feet 80 feet long brass N. 0°-45' E. dist. 190'
- 810 Shaft 4½ x 6 feet 60 feet deep with drifts and cross cut
- 830 Small open cut & shaft.
- 850 Open Cut and Shaft 4½ x 6 feet. 57' deep brass N. 45' E. distant 100 feet
- 875 Open Cut 10 feet long brass N. 0°-45' E. distant 60 feet
- 890 Open Cut 7 feet deep 15 feet long brass N. 0°-45' E. dist 50'
- 905 Shaft 4½ x 6 feet. 75 feet deep brass N. 0°-45' E. distant 95 feet.
- 920 Small Cut

11 7

Field Notes of the Young America M.C.

Sheet
930

Small Cut bears N-0-45'E.
distant 95'

All this work was done
by the present owners or
their grantors. And I hereby
Certify that the value of
said improvements far ex-
ceeds the sum of five
Hundred dollars

General Description

This claim is located in
an Easterly and westerly
direction. The main vein
or ore body trending in the
same direction along the
center of the claim - although
wherever an outcrop of rock
occurs it is heavily stained
with Copper with numerous
springs of native Copper run-
ning in all directions but
seldom with any length or
depth. The general character
of the Country rock is, Quartz-
ite, which in many places
has become disintegrated by
the action of the atmosphere.
The vein filling or Gangue
differs very little from
the Country rock - The
Northern half of the claim
is comparatively smooth
while the Southern is rocky
and broken -

There are no trees of any
size on or around the
claim, but the whole
Country is covered with
scrub Palo Verde, Cacti,
and brush

Field Notes of the Young America M.C.

4

Water comes to the surface in the Spring Gulch above and about five hundred feet from the mine; but so far no water has been found in any of the workings of the mine although many of them have attained a depth below the surface of the water in the spring which at the present time yields about 1000 Gals. every twenty four hours

Wm. J. Edwards

Geol. Dep. Min. Surveyor

Surveyed March 6th to March
15th 1883

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 Young America Copper Mining Claim located in Silver Bell Mining district, Pima County, Arizona, showing the respective capacities in which they acted.

Andrew B. Keen Chainman.
John Erickson Chainman.
Juan Escalante Axeman.
Wronico Valencia Flagman.

WE hereby certify that we assisted Wm. J. Edwards U. S. Deputy Surveyor, in surveying The Young America Copper Mining Claim claimed by The Young America Copper Mining Co located in Silver Bell 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.

Witness to marks
J. B. Merdon

Andrew B. Keen Chainman.
John Erickson Chainman.
Juan Escalante Axeman.
Wronico Valencia Flagman.

SWORN TO AND SUBSCRIBED before me this 29th day of March 1883

William J. Osburn
Notary Public

I, Wm. J. Edwards U. S. Deputy Surveyor, do solemnly swear that, in pursuance of instructions from the U. S. Surveyor-General for Arizona, bearing date the 27th day of February 1883, 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 Young America Copper Mining Claim claimed by The Young America Copper Mining Co. located in Silver Bell 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.

Wm. J. Edwards Deputy Surveyor.

SWORN TO AND SUBSCRIBED before me this 29th day of March 1883

William J. Osburn
Notary Public



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

We, *Charles Carr* and *Wm. J. Edwards*
of lawful age, being first duly sworn according to law, depose and say that we are acquainted with the
Young America Copper
mining claim, situated in *Silver Bell*
Mining District, *Pima* County, Arizona
Territory, for which *The Young America Copper Mining Co.*
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 its grantors exceed Five Hundred Dollars in value, and further that we are not per-
sonally interested in said mine.

Charles Carr
Wm. J. Edwards

TERRITORY OF ARIZONA,
County of *Pima* } SS.

SWORN to and subscribed before me, this *29th* day

of *March* 188*3*

William J. Adams
Notary Public

("Young America Copper Mine")

Notice of Location. - Notice is hereby given that in pursuance of an Act of Congress dated May 10th 1872 I the undersigned have this day located and claimed fifteen hundred (1500) linear feet on this vein or lode of copper bearing ore and three hundred (300) feet in width on each side thereof, situated and described as follows, to-wit: Commencing at a monument of stones on the ledge at the centre of claim which bears E. & W. from an ironwood stake situated 150 yards N.E. from Copper peak's, thence east along the course of the vein seven hundred and fifty feet to ironwood stake in monument of stones thence north three hundred feet to ironwood stake in monument of stones, thence west fifteen hundred feet to ironwood stake in monument of stones, thence South three hundred feet to ironwood stake in monument of stones being west end of center line of claim thence South Three hundred feet to ironwood stake in monument of stones thence East fifteen hundred feet to ironwood stake in monument of stones, thence north three hundred feet to the place of beginning. This claim shall be known as the Young America Copper Mine.

Dated March 4th 1877.

James Flynn.

Filed and Recorded at request of L. La page

March 6th A. D. 1877 at 2 o'clock P. M.

Sidney W. Carpenter
County Recorder.

16

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 "Young America Copper Mine"

as appears of Record now in my Office in Book B ^{Records of Mines} Pages 561.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this 21st day of October A. D. 1882.

Chas R Drake
County Recorder,
By Anthony Coenen
Deputy

Amended Location Notice:

Young America Copper Mine:

Notice is hereby given that in pursuance of an Act of Congress dated May 10th 1847 the undersigned has this day located and claimed fifteen hundred (1500) linear feet on this vein or lode of copper bearing rock, and three hundred (300) feet in width on each side thereof. Situated and described as follows, to wit: Commencing at a Stake set in a monument of stones at the center of the East End of the Claim; Thence Northerly three hundred (300) feet to the North East corner of the claim which is marked by a Stake set in a monument of stones; thence Westerly fifteen hundred (1500) feet to the North West corner of Claim which is marked by a Stake set in a monument of stones; thence Southerly three hundred (300) feet to the West Center end of the claim which is marked by a Stake set in a monument of stones and continue in a southerly direction three hundred feet to the South West corner of claim which is marked by a Stake^{set} in a

Monument of Stones; thence ¹⁸Easterly
fifteen hundred (1500) feet to the South
Easterly corner of Claim which is mar-
ked by a Stake set in a Monument
of Stones Thence three hundred feet
in a Northerly direction to the place
of beginning. This Claim is situated
in the Silver Bell District County
of Pima and Territory of Arizona about
six hundred feet from the Young America
Spring in a Southerly direction The South
West corner of the claim is situated on
a very prominent Peak known in
that locality as the Copper peak - This
Claim is known as the Young America
Copper Mine and was located March
4th 1877 by James F. Lyman. Now the
property of the undersigned. This location
is made as a part of the original for
the purpose of a better description and a
more definite location of the Claim
July 20th 1883 } Young America Copper Mining Co
per C. N. Lord

Agent
Filed and recorded at request of C. N. Lord
July 21st A. D. 1883 at 2.15 P. M.
Chas R. Drake
County Recorder

Monument of Stones; thence ¹⁸ Easterly
fifteen Hundred (1500) feet to the South
Easterly Corner of Claim which is mar-
ked by a Stake set in a Monument
of Stones Thence three hundred feet
in a Northerly direction to the place
of beginning. This Claim is situated
in the Silver Bell District County
of Pima and Territory of Arizona about
six hundred feet from the Young America
Spring in a Southerly direction The South
West Corner of the Claim is situated on
a very prominent Peak known in
that locality as the Copper Peak - This
Claim is known as the Young America
Copper Mine and was located March
4th 1877 by James Flynn. Now the
property of the undersigned. This location
is made as a part of the original for
the purpose of a better description and a
more definite location of the Claim
July 20th 1883 } Young America Copper Mining Co
per C. N. Lord

Agent
Filed and recorded at request of C. N. Lord
July 21st A. D. 1883 at 2.15 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 Pima, do hereby certify that the above and foregoing is a full true and correct copy of the *Amended Location Notice of the Young America Copper Mine*

as appears of Record now in my Office in Book *Records of mines* Pages *686 & 687*.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *22nd* day of *February* A. D. 188*3*

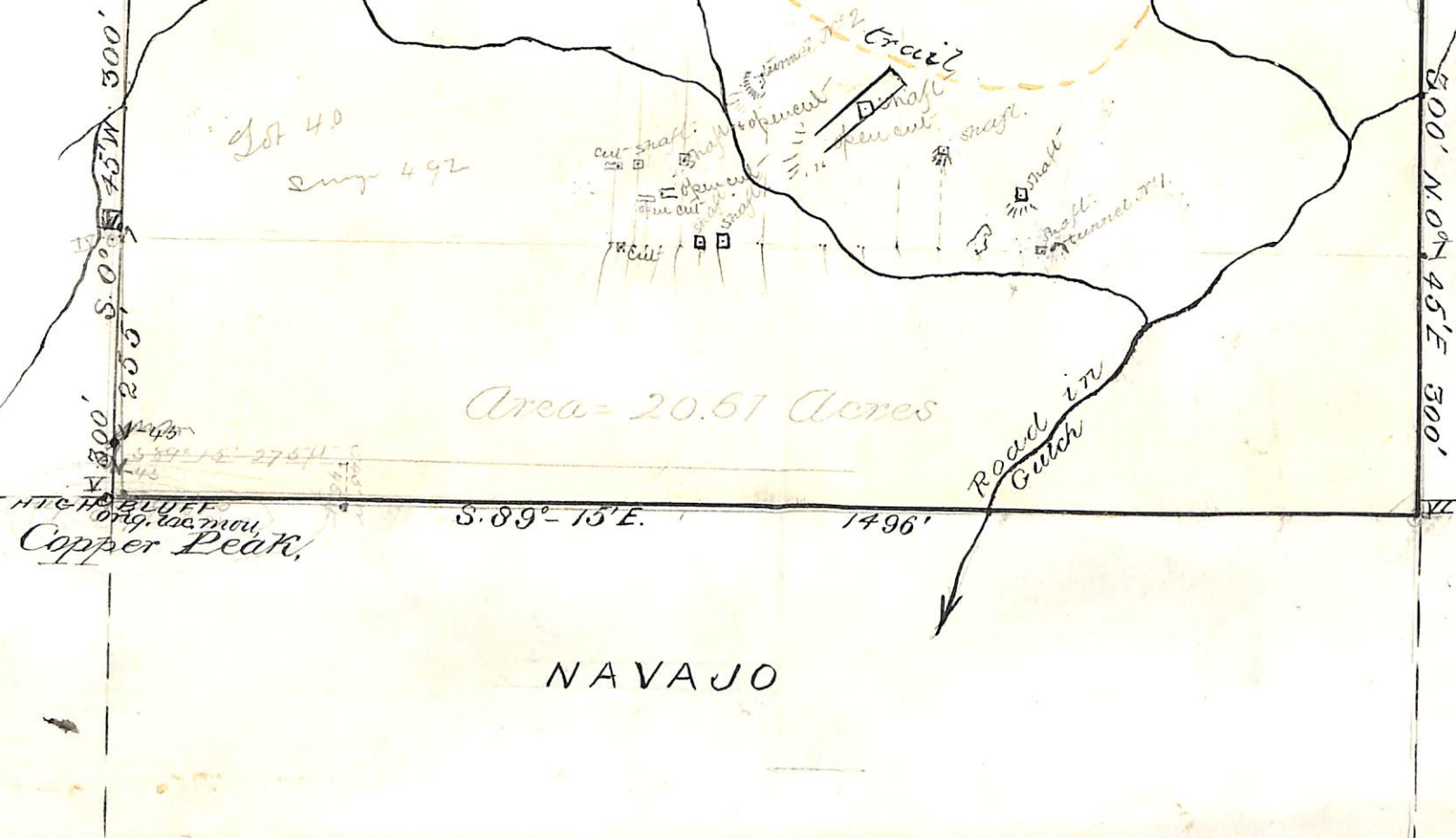
Chas R Drake

County Recorder,



Y.A.Ex.W.

AZTEC



Young America
Mining Claim
Silver Bell
Mining District
Pima Co.
A.T.



Scale 200 ft. = 1. Inch.

DETROIT

N. 75°-38' W 704' 20"
U. S. M. M. No II

N. 89°-5' W 1496'

Plat
of
Young America
Mining Claim
Silver Bell
Mining District
Pima Co.
A.T.

Y.A. Ex. W.

S. 0°-45' W 500'
S. 0°-45' E 500'

S. 0°-45' E 500'

Area = 20.61 Acres

S. 89°-15' E. 1496'

Copper Peak

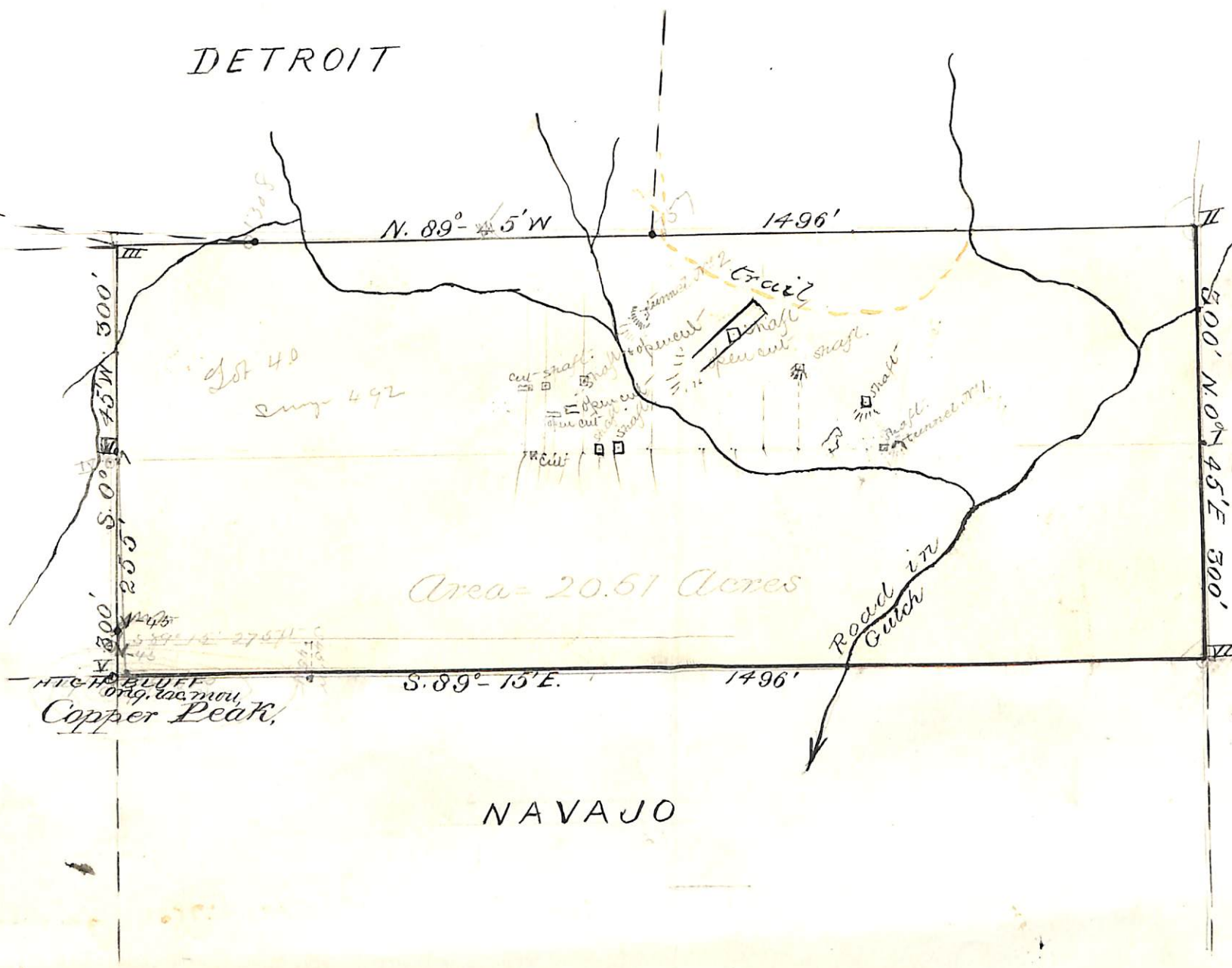
AZTEC

NAVAJO

Road in
Gulch



Scale 200 ft. = 1. Inch.



U. S. Surveyor General's Office,

Tucson, Arizona, May 31st 1883

The foregoing field notes of the survey of the Young America
Mining Claim situate in
the Silver Bell Mining District, Pima
County, Arizona, claimed by The Young America
Copper Mining Company
survey executed by Wm. S. Edwards 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. Roebuck
Surveyor General.

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ARIZONA STATE OFFICE

9605 (942)
M.S. 492

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Young America lode, Mineral Survey No. 492, located in sections 10 and 11, Township 12 South, Range 8 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

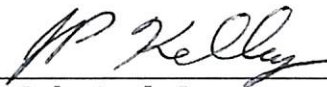
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

This cancellation was necessitated to facilitate a proposed land exchange with ASARCO Incorporated and to clear the record.

The Mineral Survey Plat should be noted as follows:

"Young America lode, M.S. 492 was canceled February 20, 1992, by memo 9605 (942) M.S. 492, which is now a part of the original field notes."

February 20, 1992
Date



Chief Cadastral Surveyor of Arizona

Young America lode, M.S. 492 was canceled February 20, 1992, by memo 9605 (942) M.S. 492, which is now a part of the original field notes.

SURVEY NO. 492

PLAT

OF THE

Young America

MINING CLAIM,

Silver Bell Mining District,

Pima County,

ARIZONA.

Claimed by *The Young America*

Copper Mining Co.

Surveyed by *W.S. Edwards* U.S.D.S.

March 6 & 15 1883

Containing an Area of *20.51* Acres

Scale 200 feet to the inch.

Variations *S. 66° East.*

The original Field Notes of the Survey of the *Young America* Mining Claim from which this plat has been made, have been examined and approved and are on file in this office; and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises; and that such reference is made therein to natural objects and permanent monuments, as will perpetuate and fix the locus thereof.

I further certify that the value of the labor and improvements placed thereon by the applicant or *his* grantors is not less than Five Hundred Dollars, and that said improvements consist of

- a shaft 6 x 4 ft. 52 ft. deep*
- " " 7 x 4 ft. 50 "*
- " " 6 x 4 ft. 60 "*
- Etc. Etc.*

as appears by the report of the Deputy Surveyor and the testimony of two disinterested witnesses.

And I further certify that this is a correct Plat of said Mining Claim, made in conformity with said original field notes of the survey thereof.

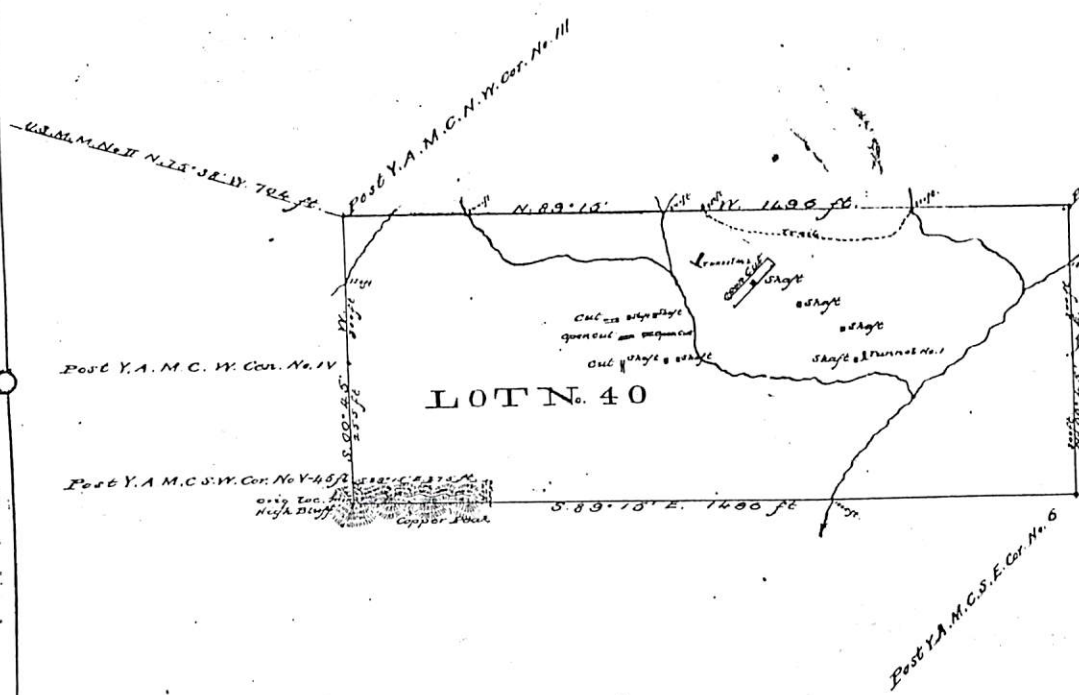
W.S. Edwards

U. S. Surveyor General for Arizona.

U. S. Surveyor General's Office,
Tucson, Arizona,

May 31 1883

Patent No. _____
Patent No. _____
Serial No. _____



9605(942)

February 12, 1992

To: Tom Reitmeyer

From: Dean Mac Donald

Subject: Verification of Recording of Mining Claim

The following list of Mineral Surveys are within or adjacent to the area of the proposed ASARCO land exchange. Please verify whether or not they have been recorded as required in FLPMA or that the annual assessment work has or has not been kept up, to determine if they can be canceled.

<u>SURVEY #</u>	<u>NAME</u>	<u>TOWNSHIP & RANGE</u>
MS 492	Young America	T.12 S., R.8 E.
MS 493	Young America Extension West	"
MS 494	Navajo	"
MS 495	Aztec	"
MS 1927	Emerald, Silver Bell, Black Daisy	"
MS 1929	John F., Billy, Black Eagle, Wedge.	"
MS 1939	Leslie	Tps.11 & 12 S., R.8 E.
MS 3606	Iron Blossom, Great View	Tps. 3 S., Rs.13 & 14 E.

Dean Mac Donald

Response 2-13-1992

The mining claim microfiche do not indicate that any of the above-listed mining claims have been filed with the Bureau under Sec. 314 of FLPMA.

Thomas E. Reitmeyer