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LOT NO. 42

Survey No 494

Field Notes

of the survey of the

Navajo

Mining Claims

Situate in Silver Bell mining district,

County of Pima and in Sec. , Tp 12^s

Range 8^E, of the Gila and Salt River Meridian.

Arizona.

Claimed by The Young America Copper Mining Co

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

Under instructions dated February 23^d 1883

Survey commenced March 10th 1883

Survey completed March 19th 1883

PRELIMINARY OATHS

FOR SURVEYS OF MINING CLAIMS AND MILL SITES.

WE, *Andrew B. Horn* 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 Keen.
John Erickson

SWORN to and subscribed before me, this *23rd* day
of *February*, 188*0*

William J. Asham
Notary Public

Juan Escalante & *Demicio Valente*
do solemnly swear that I will well and truly perform the duties of *Assessor*
St. Lagman according to instructions given me,
and to the best of my skill and ability.

his
Juan X Escalante
mark
his
Demicio X Valente
mark

SWORN to and subscribed before me this *23rd* day
of *February*, 188*3*

William J. Asham
Notary Public



Field Notes
 of the Survey
 of the
 Navajo Mining Claim
 Silver Bell Mining District
 Pima Co., A.T.
 Claimed by
 The Young America Copper
 Mining Company
 Surveyed March 10th to 19th 1883
 Under instructions from the
 U.S. Surveyor General
 Dated February 23rd 1883
 Wm. J. Edwards
 U.S. Dep. Min. Sur.

Field Notes of the Official Survey

Feet

Of the Navajo Mining claim
Silver Bell Mining District Pima
County A.T.

Instrument used

Buff Burger, Boston, Transit
No. 235, Four inch magnetic
needle, Compass circle graduated
to thirty minutes - Outer circle,
six inches in diameter, graduated
to fifteen minutes, and reading
by two verniers to one minute

Variation of needle

13° - 45' E.

by observation on Polaris

Commenced at the East Corner
monument of claim, situated
along side of an old Indian
trail on a flat to the East
of the Spring Gulch. I found
this point marked by a stake
set in a monument of rock
and replaced it by a 4x4 inch
Pine post four feet long set
one and one-half feet in the
ground marked N.M.C. E. Cor. No 1
Surrounded by a monument
of rocks four feet at base
and two feet high - No trees
From this point I ran

N. 0° - 45' E.

Mag. Var. 13° - 45' E.

by observation on Polaris

300

Gradual ascent to North
to the North East corner of
claim which is also the S. E. corner
of the Young America Mining

Field notes of the Official Survey of the

First Navajo Mining claim, Silver Bell Mining District, Pima Co. A. T.

Claim, ^{Lot no 40} which was marked by a stake set in a monument of rock, and I replaced ^{it} by a 4x4 inch Pine post four feet long set one and one-half feet in the ground, marked on two sides thus N. M. C. N. E. Cor. N° 11 and on other Y. A. M. C. S. E. Cor. N° VI

Surrounded by a monument of rocks four feet at base and two feet high - No trees

From this point I run

N. 89° - 15' W. ^{var. 13° - 45' E.}

71 Top of ridge in Saddle and descend to Spring Gulch - Small rocky peak to South

491 Spring Gulch fifty feet wide below its junction with another big gulch - Gulch runs W. of S.

596 Over a small bluff of rocks and onto broken ledge

1221 Edge of Copper Peak in acceptable mark set

N. 0° - 45' E.

forty-five feet and then run

N. 89° - 15' W.

275 To the foot of Copper Peak and to a point N. 0 - 45' E distant forty-five feet from the North West corner of claim, which is also the South West corner of the Young America Mining claim, ^{Lot 20, 40} the South East corner of the Young America Extension West Mining claim ^{Lot 40} and the North East corner of the

Field Notes of the Official Survey of the

feet

Slavajo Mining Claim, Placer Bell District Pinal County A. T.

Aytre Mining Claim - This corner comes on the side of a solid bluff of rock, which is almost impossible to reach and where no monument or mark can be made without blasting. So I establish corner at this point by a 4" x 4" Pine Post four feet long set three inches in the ground marked on four sides thus N. M. C. N. W. Cor. No III 45' N
Y. A. M. C. S. W. Cor. No V - 45'
Y. A. Ex. W. M. C. S. E. Cor. No VI + 45'
A. M. C. N. E. Cor. No II + 45'
Surrounded by a monument of rock two feet high - No Irons
From this corner I run

260

N. 89° - 45' W
Var. 13 - 45 E.

To the West End of Copper Peak
From this point I run

S. 0 - 45' W
Var. 13 - 45 E.

110
200

Ground ascending - line runs through gap between Copper Peak and the Young America Peak
Top of ridge and descend South side of Copper Peak
From this point I run

260

S. 89° - 15' E.
Var. 13° - 45' E.

On to West line of the Slavajo Mining Claim distant One Hundred and fifty-five feet from the North West Corner of claim, From this point I run

Field Notes of the Official Survey of the

West

Havajo Mining Claim, Silver Bell Mining District Pima Coy. A.T.

S. 0° - 45' N

Var. 13° - 45' E.

145

Ground descending to the West Center of claim marked by a stake set in a monument of rocks. which I replace with a 4"x4" Pine post four feet long set one foot in the ground marked on two sides thus N.M.C.W. Cen. N° IV and on other A.M.C. E Cen. N° I, surrounded by a monument of rock four feet at base and two feet high No trees - From this point I run

S. 0 - 45' N.

Var. 13 - 45 E.

35

300

300

Cross small arroyo near head running South of West to the South West corner of claim and South East corner of the Aztec M.C. marked by a stake set in monument of rocks which I replace by a 4x4 inch pine post, set one and one-half feet in the ground marked on two sides thus N.M.C. S.W. Cor. N° V A.M.C. S. E. Cor. N° VI surrounded by a monument of rocks four feet at base and two feet high No rocks or trees From this point I run

S. 89 - 15 E.

Var. 13 - 45 E.

45'

145

340

Foot of rocky bluff
Top of rocky ridge & descend
Deep Gulch running Northwly

150

Field Notes of the Official Survey of the

First Havajo Mining Claim Silver Bell
Mining District Pima Coy. A.T.

989 Cross Spring Gulch running
 Southly, and road
 1496 To the South East corner of claim
 marked by a stake set in mon-
 ument of rock, which I replace
 by a 4x4 inch Pine Post set
 one and one-half feet in the
 ground, four feet long, marked
N. A. C. S. E. Cor. No VI surround-
 ed by monument of rock, four
 feet at base and two feet high
 No trees, From this corner I run

N. 0 - 45° E.
 Var 13° - 45° E

150 Cross small Gulch running S. E.
 300 To the East Centre monument
 and point of beginning

Containing $20 \frac{61}{100}$ Acres

From the N. N. Corner of claim
 u. g. Min. Mon. No II bears S. 41° 24' N.
 distant 1032 feet

Location of Holes

From initial monument I run
 N. 89 - 15° N.

500 To mouth of Tunnel $6 \frac{1}{2} \times 8$ ft.
 80 ft. long running Westly with
 Cross Cuts on each side

530 Shaft 12 ft. deep bears S. 0° - 45° E.
 distant 20 ft.

530 Open Cut 15' long bears S. 0° - 45° E
 distant 30 ft.

570 Shaft 10 ft deep

590 Open Cut 15' long

Field Notes of the Official Survey of the

Havajo Mining Claim Silver Bell
Mining District Pima Coy, A.T.

All this work was done by the present owners or their grantors and I hereby certify that the value of said improvements exceeds the sum of five hundred dollars

General Description

There are no trees of any size on the claim though it is covered with scrub Palo Verde, Cactus & brush

The trend of the vein or ore body is East and West along the center of claim, though the whole country is stained with copper

The claim is rough and broken

It is bounded on the North by the Young America ^{Lot No 40} Mining claim, on the East unknown on the West by the Aztec M.C. and nothing to South

Wm. Edward

U.S. Dep. Min. Surveyor

Claim surveyed from March 10th to 19th 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 Havajo Copper Mining Claims 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.
Demicio Valencia Flagman.

WE hereby certify that we assisted Wm. J. Edward U. S. Deputy Surveyor, in surveying the Havajo Copper Mining Claims 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
Geo. Smerdon

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

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

William J. Osborn
Notary Public

I, Wm. J. Edward 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 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 Havajo Copper Mining Claims 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. Edward Deputy Surveyor.

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

William J. Osborn
Notary Public



AFFIDAVIT OF FIVE HUNDRED DOLLARS IMPROVEMENTS.

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

Charles Carr
Wm. Edward

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

SWORN to and subscribed before me, this *29th* day
of *March* 188*3*

William J. Osham
Notary Public

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 Navajo Copper Mine*

as appears of Record now in my Office in Book *B. Records of mines* Page *563*.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal, at my office in Tucson this *28th* day of *October* A. D. 188*2*.



Chas R Drake

County Recorder,

By *Anthony Coenen*

Deputy

("Navajo 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) lineal 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 end of claim which bears E. & W. from monument situated on the side of Copper Peaks thence East along the course of the vein seven hundred and fifty feet to monument of stones thence north three hundred feet to monument of stones thence west fifteen hundred feet to monument of stones thence south three hundred feet to monument of stones being west end of center line of claim thence South three hundred feet to monument of stones thence East fifteen hundred feet to monument of stones thence North three hundred feet to the place of beginning.

This claim shall be known as the Navajo 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.

Amended Location Notice Navajo Copper Mine.

Notice is hereby given that in pursuance of an Act of Congress dated May 10th 1872, the undersigned has this day located and claimed Fifteen hundred (1500) 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 centre of the East end of claim; thence Northerly three hundred (300) feet to the North east corner of claim which is also the South East corner of the Young America claim and is marked by a stake set in a monument of stones; thence Westerly along the Southerly line of the Young America fifteen hundred (1500) feet to the North west corner of the claim which is also the South west corner of the Young America and is marked by a stake set in a monument of stones; thence Southerly three hundred feet to the West centre end of 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 westerly corner of claim which is marked by stake set in a monument of stones. Thence in an Easterly direction fifteen hundred (1500) feet to the South Easterly corner of claim which is marked by a stake set in a monument of stones, thence in a Northerly direction three hundred

(300) feet and the place of beginning. - This claim is situated in the Silver Bell Mining District County of Pima and Territory of Arizona about twelve hundred feet southerly from the Young America Spring.

The north 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 Navajo Copper mine, and was located March 4th 1877 by James Flynn. Is 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.

February 20th 1883.

Young America Copper M^y Co.
per C. H. Lord agt

Filed and recorded at request of C. H. Lord
Feby 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 Navajo Copper Mine

as appears of Record now in my Office in Book *Q. Records of Mines* Pages *692 & 693*

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

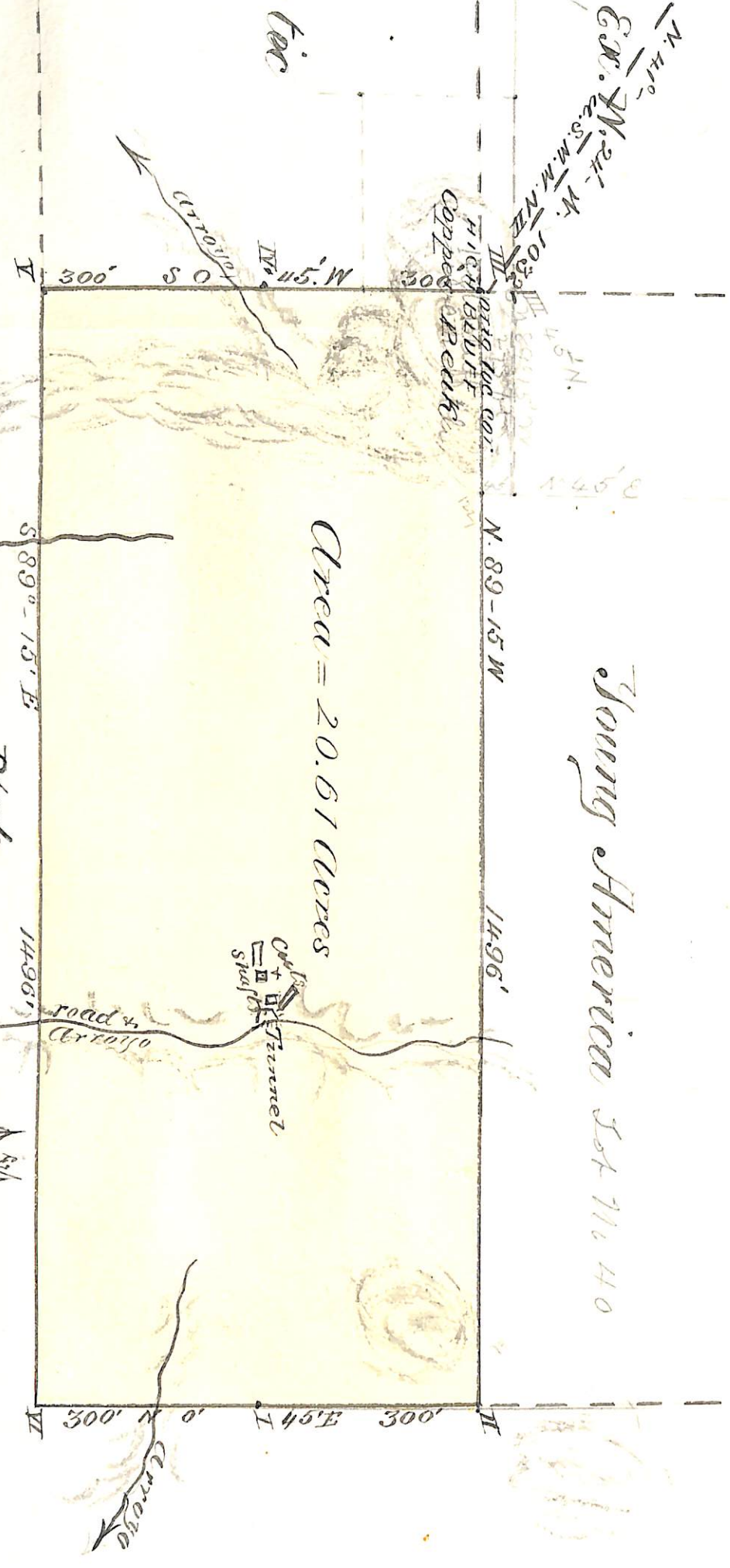
County Recorder,



J. H. Cox. N. 24' W. 103' 30"
S. 45' W. 145' N.

Young America Est 716 40

Aztec



Area = 20.61 Acres

Plat of
Navajo Mfg Claim
Silver Bell Mining Dist

Pima Co.
A. T.

Scale 200 ft = 1 Inch

U. S. Surveyor General's Office,

Tucson, Arizona, *May 31st* 188*3*

The foregoing field notes of the survey of the *Navajo*
 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. B. B. B.
 Surveyor General.

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

9605 (942)
M.S. 494

NOTICE OF CANCELLATION OF MINERAL SURVEY

The Navajo lode, Mineral Survey No. 494, located in sections 10 and 11, Township 12 South, Range 8 East, Gila and Salt River Meridian, Arizona, is hereby canceled.

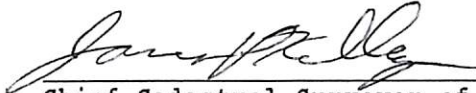
This claim has not been filed with the Arizona State Office, Bureau of Land Management, in accordance with Section 314, 90 STAT. 2769, (43 U.S.C. 1744).

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:

"Navajo lode, M.S. 494 was canceled February 20, 1992, by memo 9605 (942) M.S. 494, which is now a part of the original field notes."

February 20, 1992
Date



Chief Cadastral Surveyor of Arizona

Navajo lode, M.S. 494 was canceled February 20, 1992, by memo 9605 (942) M.S. 494, which is now a part of the original field notes.

SURVEY NO. 1941

PLAT

OF THE

Navajo

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 10 to 19 1883

Containing an Area of *20.61* Acres

Scale 200 feet to the inch.

Variation *3° 45' East.*

The original Field Notes of the Survey of the

Navajo 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 Tunnel 8.67 ft. 80 ft long

Open Cut 15

15

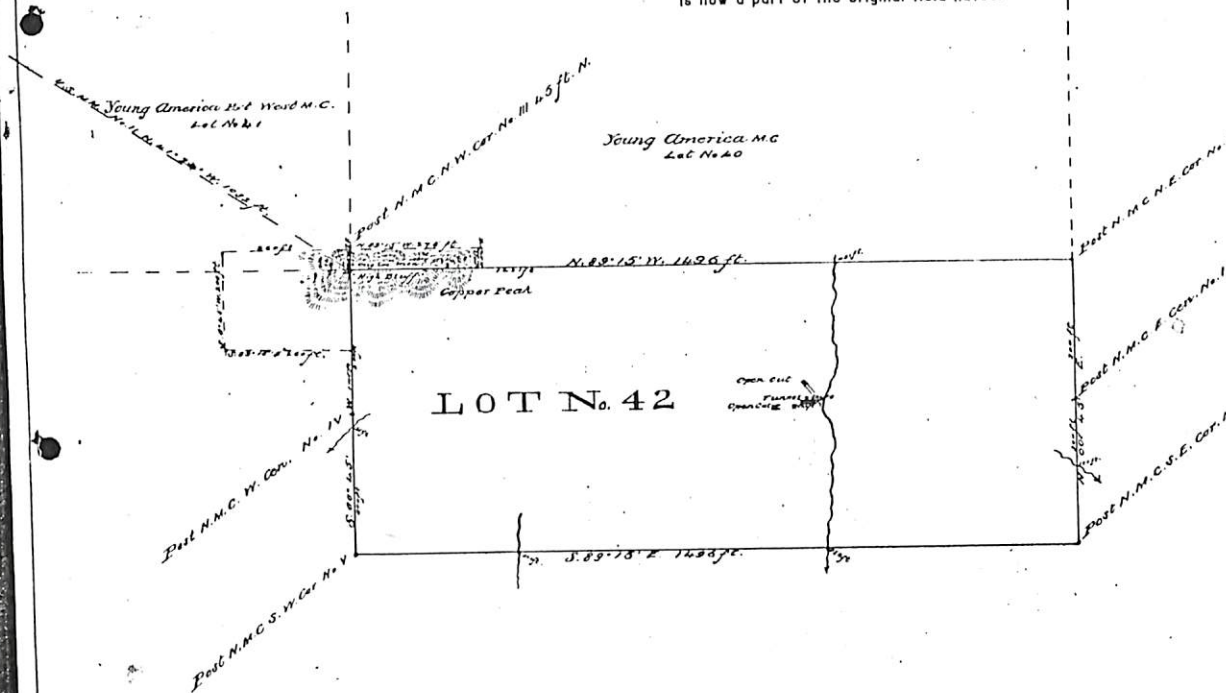
Etc. Etc.

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.
Tucson, Arizona,
May 11 1883

Patent Date -
Patent No.
Serial No.



LOT No. 42

Young America M.C.
Lot No. 40

Young America Lot West M.C.
Lot No. 41

Post N.M.C. W. Cor. No. IV
Post N.M.C. S.W. Cor. No. IV

Post N.M.C. N.E. Cor. No. III
Post N.M.C. E. Cor. No. I
Post N.M.C. S.E. Cor. No. VI

N. 89° 15' 15\"/>

S. 89° 15' 15\"/>

Copper Peak

Open Cut

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

9605(942)

February 18, 1992

To: Tom Reitmeyer

From: Dean Mac Donald

Subject: Verification of Recording of Mining Claim

Mineral Survey 3734, Red Oxide #4 and Mineral Survey 4295, Staple Lodes do not appear to be active under these survey numbers. They appear to have been relocated under the same names and were active as of the 1991 assessment. These lodes lie within the boundary of the ASARCO exchange in T.17 S., R.12 E. sections 2 and 11. Please verify whether these lodes were or were not recorded as required in FLPMA or that the annual assessment work has or has not been kept up, so that they can be canceled.

Dean Mac Donald

The STAPLE and RED OXIDE NO. 4, were recorded with the Bureau of Land Management (BLM) under Section 314 of FLPMA on April 20, 1977. They are recorded under serial no's A MC 5917 and A MC 5918. The location notices filed with BLM are dated January 26, 1977, as recorded in Pima County April 12, 1977 in Book 5502 Pages 829 and 830. The locator was ANAMAX Mining Company. They are both marked relocations on the notices.

This is the only record of claims recorded with BLM by these names in sections 2 and 11, of T. 17 s., R. 12 E. If Mineral Surveys 3734 and 4295 are not subsequent to January 26, 1977, we would have no problem with your cancelation of these surveys.

Thomas E. Reitmeyer
2/18/1992