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SEP 27 1909

OCT 14 1909

4-683.

MINERAL SURVEY No. 2720

LOT No. \_\_\_\_\_

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Sultana-Arizona Copper  
Company

KNOWN AS THE

John B. Mechem  
Riverside Mining District,  
Pinal County, Arizona

Section G&R T&M, Township 4 S, Range 14 E

Surveyed under instructions dated Aug 30<sup>th</sup> 09

by Geo C Clark  
U. S. Deputy Mineral Surveyor.

Claim located See location notice, 19

Survey commenced Sep 6<sup>th</sup>, 19 09

Survey completed Sep 20<sup>th</sup>, 19 09

6-822

Claimants Address  
Ed Washington Authorized Agt  
Helena, Ariz

Feet

Survey No. 2720.

John B. Meham.

Beginning at Cor. No. 1, the N. W. Cor., identical with location, a pine post 4 ft. long, 4 ins. sq., set 1 ft. in ground in a mound of stones, scribed 1-2720 J.B.M., whence

N.  $\frac{1}{4}$  Cor. Sec. 7, T. 4 S., R. 14 E., bears N. 21° 17' E. 1226.20 ft.

S. E. Cor. Riverside Rancho homestead, owned by applicants herein, being the N.  $\frac{1}{2}$  of N.W. $\frac{1}{4}$  Sec. 7, T. 4 S., R. 14 E., bears S. 68° 00' E. 477.56 ft., and a pine post 4 ft. long, 4 ins. sq. set 1 ft. in ground in a mound of stones, scribed B.P.1-2720 bears S. 73° 23' E. 20 ft.

No other bearing monuments available.

Thence S. 73° 23' E.

- 300: To original location for N. end center, a pine post 3 ft. high, 4 ins. sq. set in a mound of stones.
- 462.16 To intersect E line Riverside Rancho, hereinbefore described, at N. 0° 6' E. 46.77 ft. from the S. E. Cor. and S. 0° 6' W. 1274.73 ft. from the N. E. Cor., which is identical with N.  $\frac{1}{4}$  Corner Sec. 7, T. 4 S., R. 14 E.
- 528.30 To witness cor. for Cor. No. 2, a pine post 4 ft. long, 4 ins. sq., set 1 ft. in ground in a mound of stones, scribed W.C. 2-2720 J.B.M., whence
- S.E. Cor. Riverside Rancho, heretofore described, bears S. 66° 18' W. 69.3 ft., and a rock 1 ft. sq. set 1 ft. in ground chiseled W.C. 2-2720 B.R. bears N. 73° 23' W. 10 ft.
550. To W. Bank Gila River, course here northerly.
600. To Cor. No. 2, the N. E. Cor. identical with location and with N. W. Cor. Seamans lode, owned by applicants herein, inaccessible on account of high water in river, in the bed of which it is located.

Line 2-3 is inaccessible, lying almost entirely in the bed of the river as is explained in report accompanying this survey.

However, its course and length has been ascertained by various bearings, and from the true point for Cor. No. 2, is

Thence S. 20° 17' W.

1200. To E. bank Gila River, course northeasterly.  
 1500. To Cor. No. 3, the S. E. Cor., identical with location and with S. W. Cor. Seamans lode, unsurveyed, owned by applicants herein. A pine post 4 ft. long, 4 ins. sq. set 1 ft. in ground in a mound of stones, scribed 3-2720 J.B.M., whence a cottonwood tree  $3\frac{1}{2}$  ft. diameter, scribed X 3-2720 B.T. bears S. 42° W. 42.5 ft., and witness monument for Cor. No. 2, visible from this cor. bears N. 17° 32' E.

Thence N. 73° 23' W.

200. To E. bank Gila River, course northeasterly.  
 470. To W. bank Gila River.  
 600. To Cor. No. 4, the S. W. Cor. identical with location and with Cor. No. 4 Wm. J. Bryan lode, Survey No. 2723 A on line 2-3 Little Clara lode, Survey No. 2723 A. A pine post 4 ft. long, 4 ins. sq., set 1 ft. in ground in a mound of stones, scribed 4-2720 J.B.M., whence  
 Cor. No. 2 Little Clara lode, identical with Cor. No. 5, Wm. J. Bryan lode, Survey No. 2723 A., and with Cor. No. 3 Wm. J. Bryan No. 2 lode, Survey No. 1326, bears N. 73° 23' W. 209.03 ft. A granite bed-rock chiseled X 4-2720 B.R. and 2-4-5-2723 A B.R. bears N. 73° 23' W. 108.73 ft,

Thence N. 20° 17' E.

300. To E. end center Wm. J. Bryan lode, Survey No. 2723 A.  
 600. To Cors. No. 3 and 4 respectively of the Wm. J. Bryan and Diamond Jo lodes, Survey No. 2723 A.  
 900. To E. end center Diamond Jo lode, Survey No. 2723 A, in wash 30 ft. wide, course N. easterly.

Feet	
1200.	To Cor. No. 3 Diamond Jo lode, Survey No. 2723 A.
1310.2	To intersect S. line Riverside Rancho, at N. 89° 54' W. 508.58 ft. from the S. E. Cor. and S. 89° 54' E. 2075.42 ft. from the S. W. Cor.
1500.	To Cor. No. 1, the place of beginning.

Magnetic variation throughout this survey 13° 30' E.

Area.

Total area John B. Mecham lode, 20.619 Acres.

Area in conflict with Riverside Rancho, 1.278 Acres.



3

4  
5

Lode lines.

As near as can be determined from present developments, the presumed course of the vein of this claim is from the discovery point S 20° 17' W 700 ft, and N 20° 17' E 800 ft.

Location

This Survey is located in the N.W.¼, and N.E.¼ and S.W.¼, the latter unsurveyed, sec. 7 T 4 S R 14 E, Gila and Salt River Base and Meridian, in the Riverside Mining District Pinal County, Arizona.

Adjoining Claims

North Unclaimed ground and Riverside Rancho, a homestead owned by applicants herein.

East Seamans Lode, unsurveyed, same owners.

South Survey No. 2723 A, Little Clara Lode, same owners.

West Riverside Rancho, Wm J Bryan and Diamond Jo Lodes, surveys No 2723 A, all owned by applicants herein.

Expenditure of Five Hundred Dollars

Value

I certify that the value of the labor and improvements made upon this mining claim by the claimant or its grantors is not less than five hundred dollars and that said improvements consist of;-

No. 1	Discovery Cut 4x6x8 ft. course N 20° W, bears from n end center of location S 20° 17' W 800 ft	\$ 25.00
No. 2	Open Cut 4x21x10 ft. face, course S 34° E bears from N end center of location S 16° W 440 ft.	\$ 50.00
No. 3	Open Cut 31x39x15 ft. face, course S 30° W, bears from N end center of location S 14° W 240 ft.	\$125.00
No. 4	Shaft 4x4x30ft, timbered with sq. timbers, bears from N end center of location S 2° 11' E 200 ft.	\$225.00
No. 5	Shaft 4x5x12 ft., bears from N end center of location S 40° 30' E 265 ft.	\$ 75.00

continued

Instrument

The survey was made with a C. L. Berger & Sons transit No. 6072, the courses were deflected from the true Meridian as obtain by solar observations with a Berger solar attachment. The distances were measured with a 300 ft. and a 100 ft. steel tape.

Report

Course 1-2 for a distance of 550 ft. to the W bank of Gila River was run directly upon the ground, as were courses 1-4, 4-3 and all tie lines.

Cor. No. 2 is inaccessible on account of high water in river, in the bed of which it is situated, line 2-3 also lies almost entirely in the river bed and for the same reason was inaccessible and impossible to measure, farther than the 300 ft. from cor. No.3 as stated in the preceding field-notes.

The witness corner for cor. No.2, while not mentioned in the location notice was found upon the ground as has been heretofore described.

The N  $\frac{1}{4}$  cor. sec. 7 T 4 S R 14 E falls upon a sand-bar in the Gila River which is subject to overflow and could not be found in place, but its position was established from the official survey notes of said sec 7.

The S.E.cor. of Riverside Ranche was identified by a mound of stones at the point designated, and by information given that it was so recognized,

The survey was made in conjunction with survey No 2723 A and the monuments therefor are all set as herein described.

The S end center of location also lies in the bed of the Gila River and could not be reached, nor was it visible on account of the high water prevailing at time of survey.

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Geo C Clark  
 United States 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  
Sultana-Arizona Copper Company  
 known as the John B Mecham  
 and showing the respective capacities in which they acted.

Gustav Thebes, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, I Gustav Thebes  
 and \_\_\_\_\_, do solemnly swear that <sup>I</sup>we assisted Geo. C  
Clark, United States Mineral Surveyor, in marking the corners and surveying  
 the boundaries of the mining claim of Sultana-Arizona Copper Company  
 known as the John B Mecham  
 represented in the foregoing field notes as having been surveyed by said mineral surveyor and under his  
 direction; and that said survey has been in all respects, to the best of <sup>my</sup>~~our~~ knowledge and belief, faithfully  
 and correctly executed, and the corner and boundary monuments established according to law and the instruc-  
 tions furnished by the United States Surveyor-General for Arizona

Gustav Thebes, Chainman.  
 \_\_\_\_\_, Chainman.  
 \_\_\_\_\_, Axman.  
 \_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 22  
 day of Sept., 1909

L M Arruman  
 Notary Public

My Commission expires June 1, 1913



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Geo C Clark, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
Aug 30th 1909, 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 Emtana - Arizona  
Copper Company, known as the  
John B Mechem,  
situate in Riverside Mining District,  
Pinal County, Arizona, in Section  
7, Township No. 4 S Range No. 14 E,  
and designated as Survey No. 2720, 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 per-  
petuated in strict accordance with the law, official regulations and instructions there-  
under; 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 its 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.

Geo. C. Clark  
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Geo C Clark  
U. S. Mineral Surveyor, before me \_\_\_\_\_  
\_\_\_\_\_ this 23rd  
day of Sept, 1909

Leslie M. Harman  
Notary Public

6-1044  
My Commission expires June 1, 1913



Affidavit of Five Hundred Dollars Improvements.

We, Frank Gross and J B Shoemaker

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the John B. Mechem mining claim, situate in Riverside Mining district, Pinal County, Arizona Territory, for which Sultana Arizona Copper Company

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 applicant and its grantors exceed Five Hundred Dollars in value ~~for each location~~ and further that we are not personally interested in said mine.

Frank Gross  
J B Shoemaker

TERRITORY OF ARIZONA, }  
County of Pinal } ss:

Sworn to and subscribed before me, this 15<sup>th</sup>



day of October, 1909

J D Calhoun  
Notary Public.

My commission expires on the 9<sup>th</sup> day of June 1912

# Notice of Location.

AUG 30, 1909

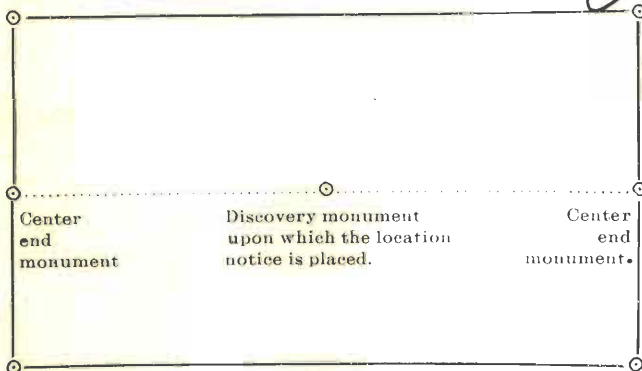
NOTICE IS HEREBY GIVEN that the John B. Meham Mining Claim was located by Jos. C. Erman on this 29th day of August 1906, for mining purposes. Said claim is 1,500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit, from end to end of said claim. The general course of this claim is North and South and it is situated in the Riverside Mining District, Pinal County, Arizona, about Two miles south of the town of Melvin, 6 miles west of the Town of Troy and adjacent to the National Mining and Development Company's property.

(Write on above lines the distance and direction the claim is from some permanent natural object, such as a mountain peak, stream, etc.)

This claim runs from the discovery monument, or stake, on which this notice is posted, 750 feet in a northerly direction to the north center center end monument, or stake, and 750 feet in a southerly direction from the aforesaid location monument, or stake, to the south center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making the claim in the form of a parallelogram.

*Jos. C. Erman*  
 Locator

How to monument a claim:



Stone monuments must be three feet high; Stakes must be four feet above ground and substantial, no thickness is specified.

You can record as soon as you locate if you desire to, and do your location work at any time within 90 days from date of location.

How to fill out a location notice:

## Notice of Location.

Notice is hereby given that the Copper King Mining claim was located by John Doe and Richard Roe on this 11th day of June 1901, for mining purposes. Said claim is 1500 feet in length along this vein or deposit of mineral-bearing rock in place, and 300 feet in width on each side of the center of said vein or deposit, from end to end of claim. The general course of this claim is North and South and it is situated in the Mineral Hill Mining district, Pinal county, Arizona, about Two Miles Southeast from Rock Peak. This claim runs from the discovery monument, or stake, upon which this notice is posted, 750 feet in a Southerly direction to the Southerly center end monument, or stake, and 750 feet in a Northerly direction from the aforesaid location monument, or stake, to the Northerly center end monument, or stake, and is also marked by two corner monuments, or stakes, at each end of said claim, one on each side of and 300 feet from the center end monuments, or stakes, making claim in the form of a parallelogram.

JOHN DOE,  
RICHARD ROE  
 Locators.



**NOTICE OF LOCATION**

OF THE  
*John B. Hedden*

Mining Claim.

TERRITORY OF ARIZONA, }  
County of Pinal, }  
SS.

I, *John B. Hedden*

hereby certify that I am a locator of the within named claim and that the location work was performed thereon within 90 days from the date of location, to the full amount and in the manner required by law.

WITNESS my hand and seal this *30*

day of *October* 190*6*.

*John B. Hedden* [SEAL.]

This claim is a re-location of an abandoned mining claim known as the .....

Mining claim. (When you re-locate an old claim do not fail to write the name of the old claim on the above blank line.)

Arizona Blade form. For sale at Blade office only.

Territory of Arizona, }  
County of Pinal, }  
SS.

*E. B. Deane* Recorder,  
in and for the County of Pinal, Territory  
aforesaid, do hereby certify that the  
annexed instrument was filed and

recorded at request of  
*Emma Decker*

on the *4* day of *October*

A. D. 190*6* - *24* minutes past

o'clock *P. M.* in Book No. *24*  
*1111* Page *364*.

WITNESS my hand and official

Seal of *E. B. Deane*

By *N. N. Helle*



U. S. SURVEYOR GENERAL'S FINAL CERTIFICATE ON  
FIELD NOTES.

DEPARTMENT OF THE INTERIOR,  
OFFICE OF U. S. SURVEYOR GENERAL,

Phoenix, Arizona,

October 27, 1909.

I, U. S. Surveyor General for District of Arizona,  
do hereby certify that the foregoing transcript of the Field Notes, return and approval  
of the Survey of the mining claim of

Sultana-Arizona Copper Company

, known as the JOHN B. MECHAM

, situate in Riverside

Mining District, Pinal County,

Arizona, in Section 7, Township No. 4 S.,

Range No. 14 E., and designated as Survey

No. 2720, has been correctly copied from the originals on  
file in this office; that said Field Notes 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 or permanent monuments as  
will perpetuate and fix the locus thereof.

And I further certify that five hundred dollars' worth of labor has been expended  
or improvements made upon said mining claim by claimant or its grantors, and  
that said improvements consist of 3 shafts and 2 cuts, total value  
\$500.00

and that no portion of said labor or improvements has been included in the estimate of  
expenditures upon any other claim.

I further certify that the plat thereof, filed in the U. S. Land Office at Phoenix,  
Arizona, is correct and in conformity with the foregoing Field Notes.

Frank S. Ingalls,

United States Surveyor General for Arizona.

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,

Phoenix, Arizona,

October 27, 1909

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

Sultana-Arizona Copper Company,

, known as the

JOHN B. MECHAM,

situate in Riverside Mining District,

Pinal County, Arizona,

in Section 7, Township No. 4 S., Range No. 14 E.,

designated as Survey No. 2720,

executed by Geo. C. Clark, U. S. Deputy Mineral

Surveyor, Sept. 6-20, 1909, under my instructions dated

Aug. 30, 1909, have been critically examined and the necessary cor-

rections 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.

Handwritten signature of Frank S. Ingalls

U. S. Surveyor-General for Arizona.