

JUL 15 1913

(4-683.)

Mineral Survey No. 3055

Lot No. \_\_\_\_\_

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ray Consolidated Copper  
Company

KNOWN AS THE

Marion

Mineral Creek Mining District,

Pinal County, Arizona

Approximately Section 11, Township 3 S., Range 18 E. unsurveyed

Surveyed under instructions dated March 13, 1913

by Olin C. Thompson  
U. S. Deputy Mineral Surveyor.

Claim located See location notice

Survey commenced May 3, 1913

Survey completed May 6, 1913

o 6-100

Address;

Chalmers & Kent Attys  
Phoenix Ariz

SURVEY NO. 3055

MARION

FEET	
8.70	Beginning at corner No. 1, identical with location which was a limestone 8x10x16 inches set 8 inches in the ground chiseled SWC 1 M with X on top at exact corner point. A post 4 inches sq. four (4) feet long in mound of stone alongside. I replaced location corner with a limestone 8x10x24 inches set 12 inches in the ground, chiseled M-1-3055 with X on top at exact corner point. A post 4 in. sq. and four feet long in mound of stone along side. No. brs. available. U.S.M.M.No. 1, bears S. 6°59'E. 5371.86 feet. Thence N. 47°39' W.
292.00	Intersect line 2-3 of the Truman lode Survey No. 1581, with part of which line 1-4 of the New York lode, Survey 2605 is identical, at N. 71°15'E. 1099.10 feet from corner No. 2 <sub>A</sub> of the Truman lode and N 71° 15' E. 449.35 feet from Cor. No. 1 <sub>A</sub> of the New York lode. and S. 71°15' W. 389.40 ft. from Cor. No. 3 and S. 71°15' W. 153.20 ft. from Cor. No. 4
323.00	S.E.C. A quartzite boulder 9x9x24 inches set 12 inches in the ground chiseled M-SEC - 3055 and X on top at exact corner point. A mound of stone alongside. No brs. available. Location monument, an andesite boulder in place 20x20x36 inches above ground, chiseled WCE-M and X at exact corner point with a post 4 inches square 4 feet long alongside, bears N. 47°39' W., 9.27 feet.
344.34	A wash bears west.
528.63	A 4 in. pipe line bears N.W. and S.E..
532.00	Intersect line 1-4 of the Boston lode, Survey No. 2605 identical with line 1-2 New York lode Survey 2605 at N. 4°46'E, 496.41 feet from Cor. 1-1.
592.00	Gulch SW. Cor. No. 2 a quartzite boulder 9x9x24 inches set 12 in. in the ground, chiseled M-2-3055 and X at exact corner point with a mound of stone alongside. No brs: available. Location monument a quartzite boulder 8x12x8 inches above ground, chiseled NWC 2 M and X at exact corner point with a post 4 inches sq. 4 feet long in mound of stone alongside, bears N. 47°39' W. 9.51 feet. Thence N. 42°19' E.
82.39	Intersect line 1-4 of the Boston lode identical with line 1-2 New York lode Survey 2605 at N. 4° 46'E. 600.39

FEET	feet from corner No. 1-1,
139.15	4" pipe line bears N & S.
416.50	14" pipe line (supply pipe to Ray Water Works) bears NW & SE.
616.00	Gulch S.
988.95	Intersect line 3-4 New York lode, Survey No. 2605, identical with line 2-1 Chicago lode Survey No. 2506 at N 4° 46'E., 1078.70 feet from corner 4-1.
1491.35	Corner No. 3. An Andesite stone 6x9x24 inches, set 12 in. in the ground, chiseled M-3-3055 and X at exact corner point with mound of stone alongside. No brs available. Location monument an andesite stone 6x14x12 inches above ground, chiseled NECM-3 and X at exact corner point, with post 4 inches square, 4 feet long in mound of stone alongside, bears N. 47° 39'W, 9.10 feet. Thence S. 47° 39'E.
300.00	NEC, A quartzite stone 10x13x24 inches set 12 inches in the ground, chiseled M-3055-NEC and X at exact corner point with a mound of stone alongside. No Brs. available. Location monument an andesite stone 6x12x12 inches above ground, chiseled M.E.C.E. and X at exact corner point, a post 4 inches sq. 4 feet long in mound of stone alongside, bears N. 47°30'W. 9 feet.
307.87	Intersect line 3-4 of the Chicago lode, identical with the west line of the Tom Payne lode, unsurveyed, at S. 4° 46' W, 450.18 feet from corner No. 13.
448.00	Gulch SW.
592.00	Cor. No. 4 identical with location. An andesite stone 9x12x24 inches set 12 inches in the ground, chiseled M-4-3055 and X at exact corner point. Post 4 inches sq. 4 feet long in mound of stone alongside. No. brs. available. Thence S. 42° 19'W:
369.45	Intersect line 3-4 of the Chicago lode, Survey 2605, identical with the west line of the Tom Payne lode, unsurveyed at S. 4° 46'W., 916.38 feet from Corner No. 3.
963.00	Wash west.
1184.18	14 inch pipe line (supply pipe Ray Water works).
1272.18	Intersect line 4-3 of the New York lode, Survey No. 2605

FEET.

identical with line 1-2. Chicago lode, same survey at  
at N. 4° 46' E., 107.33 feet from corner No. 4-1.

1475.60 Intersect line 4-1 of the New York lode, Survey No. 2605  
being part of line 2-3 of the Truman lode, Survey 1581  
at S. 71° 15' W., 135.21 feet from Corner No. 4 of the New  
York lode and S. 71° 15' W., 371.41 feet from Cor. No. 3  
of the Truman lode.

1491.35 Corner No. 1, place of beginning. VEIN  
The presumed course of the vein is from the S.E.C.  
N. 42° 19' E. 1491.35 ft. to the N.E.C.

\*\*\*\*\* AREA \*\*\*\*\*

Total area of Marion lode, 20.268 acres.

Area in conflict with - - -

Boston lode, Survey No. 2605,	0.060
New York lode, Survey No. 2605,	8.148
Chicago lode, Survey No. 2605,	10.854
Tom Payne lode, unsurveyed,	1.205
Truman lode, Survey No. 1581,	0.002

\*\*\*\*\* LOCATION \*\*\*\*\*

This survey is located in approximately Section 11,  
T. 3 S., R. 13 E., G.&S.R.B.& Meridian, unsurveyed, in  
the Mineral Creek Mining District, Pinal County, Arizona.

\*\*\*\*\* IMPROVEMENT \*\*\*\*\*

No. 1, Discovery shaft 4x6x15 feet on the presumed  
course of vein, and from which the SEC bears S. 42° 19' W,  
624 feet and the NEC bears N. 42° 19' E., 867.35 feet.

Value, \$ 100.00

No. 2 - Shaft 4x6x25 feet, bears N. 63° 21' E., 808 feet  
from corner No. 2.

Value, \$ 200.00

No. 3, Open cut 4x20x8 feet, running N. 75° 31' E. Face  
bears N. 62° 31' E., 858 feet from corner No. 2.

Value, \$ 50.00

No. 4, Open cut 4x20x10 feet and tunnel 4x6x35 feet, each  
running N. 14° 30' W., Common face bears N. 36° 16' E.,  
616 feet from corner No. 1, Value \$ 400.00

\*\*\*\*\* INSTRUMENT \*\*\*\*\*

This survey was made with a Buff & Buff transit No. 3283  
having horizontal and vertical circles reading by verniers

to single minutes. The distances were measured with 100 & 500 ft. steel tapes.

\*\*\*\*\* M E R I D I A N \*\*\*\*\*

I determined the true meridian by an observation on Polaris at its eastern elongation on May 6, 1913, at approximately 4:50 a.m., mountain time, using  $1^{\circ} 22' 30''$  as the azimuth of the star.

\*\*\*\*\* M A G N E T I C V A R I A T I O N \*\*\*\*\*

The magnetic variation is  $13^{\circ} 50'$  E. at all corners.

\*\*\*\*\* D I S C R E P A N C I E S \*\*\*\*\*

The discrepancies between this survey and the adjoining and conflicting surveys are due to the errors in the latter.

\*\*\*\*\* A D J O I N I N G C L A I M S \*\*\*\*\*

This claim is bounded on the north east by the Chicago lode claim, Survey No. 2605; and the Tom Payne lode claim unsurveyed; on the south east by the Tom Payne lode claim unsurveyed, the Chicago lode claim Survey No. 2605, the New York lode claim Survey No. 2605 and the Truman lode claim Survey No. 1581; on the south west by the Truman lode claim, survey No. 1581, the New York lode claim and the Boston lode claim, both Survey No. 2605; on the north west by the Boston lode claim, the New York lode claim and the Chicago lode claim, all of Survey No. 2605.

*Oliver C. Thompson*  
*U. S. Mineral*  
*Surveyor*

# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by Oliver C Thompson

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 Ray Consolidated Copper Company  
known as the Marion

and showing the respective capacities in which they acted.

E. Fay, Chainman.

W. Cahill, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, E. Fay &

and W. Cahill, do solemnly swear that we assisted Oliver C

Thompson, United States ~~Deputy~~ Mineral Surveyor, in marking the corners and surveying the boundaries of the mining claim of

The Ray Consolidated Copper Company  
known as the Marion

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 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  
E. Fay, Chainman.

W. Cahill, Chainman.

\_\_\_\_\_, Axman.

\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 5 th

day of May, 1913

G. D. Nolan  
Notary Public

my commission expires  
Feb. 27. 1916

FINAL OATH OF U. S. DEPUTY MINERAL SURVEYOR

I, Oliver C Thompson, U. S. ~~Deputy~~ Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the United States Surveyor General for Arizona, dated March 13 1913, 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 Ray Consolidated Copper Company, known as the Marion, situate in Mineral Creek Mining District, ~~the~~ Pinal County, Arizona, <sup>approximately</sup> in Section 11, Township No. 3 S, Range No. 13 E G & SR 13 & M - Und. and designated as Survey No. 3055, 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 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.

Oliver C Thompson  
U. S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said Oliver C Thompson  
U. S. ~~Deputy~~ Mineral Surveyor, before me R M Tuckey  
Notary Public this 27th  
day of June 1913

R. M. Tuckey  
Notary Public  
My Commission expires  
Feb 15, 1916

## NOTICE OF LOCATION.

MAR 13 1913

Notice is hereby given that the Marion Mining Claim was located by Frank Marion & Don L. Pugh, on the 3rd day of May 1906, 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 said claim.

The general course of this claim is Northerly & Southerly and it is situated in the Mineral Creek Mining District, Pinal County, Arizona, about 1/2 mile Northerly from Ray Mine.

This claim runs from the discovery monument, or stake, on which this notice is posted, 900 feet in a Northerly direction to the North center end monument, or stake, and 600 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.

Frank Marion

Don L. Pugh. Locator-

Filed and recorded at request of Don L. Pugh on May 16th 1906  
at 2 P. M.

E. B. Devine, Recorder.

By N. N. Wells, Deputy.

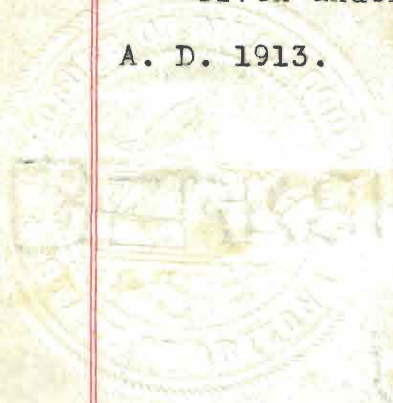


State of Arizona,)
(ss.
County of Pinal. )

I, G. F. Watson, County Recorder in and for the
County of Pinal, State of Arizona, do hereby certift that the
above and foregoing is a full, true and correct copy of the MARION
Mining Claim, as the same appears of record in my office in Book
No.24 of Records of Mines, at pages 191 & 192; that I have com-
pared the same with the original record, and that the same is a
true transcript, and of the whole thereof.

Given under my hand and seal of office this 3rd day of March,
A. D. 1913.

[Signature]
County Recorder.



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4-688.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 26, 1913.

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

RAY CONSOLIDATED COPPER COMPANY

known as the MARION

situate in MINERAL CREEK

Mining District, PINAL County, ARIZONA.

in Section Approx. 11, Township No. 3 S., Range No. 13 E., Unsur

designated as Survey No. 3055, 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 2 shafts, 1 cut, and 1 cut and tunnel, total value \$750.

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,

September 26, 1913.

I, U. S. Surveyor-General for Arizona

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

RAY CONSOLIDATED COPPER COMPANY

, known as the

MARION

situate in MINERAL CREEK mining district,

PINAL

County,

ARIZONA

in Section Approx 11, Township No. 3 S., Range No. 13 E. Unsur.

, designated as Survey No. 3055

executed by Oliver C. Thompson, U. S. Deputy Mineral

Surveyor, May 3-6, 1913, 190, under my instructions dated

March 13, 1913, 190, 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.

Frank S. Ingalls

U. S. Surveyor-General for Arizona.

Page 1.  
**TRANSCRIBED COPY OF  
 ORIGINAL FIELD NOTES**

SURVEY NO. 3055

MARION

FEET

- Beginning at corner No. 1, identical with location which was a limestone 8x10x16 inches set 8 inches in the ground chiseled SWC 1 M with X on top at exact corner point. A post 4 inches sq. four (4) feet long in mound of stone alongside. I replaced location corner with a limestone 8x10x24 inches set 12 inches in the ground, chiseled M-1-3055 with X on top at exact corner point. A post 4 in. sq. and four feet long in mound of stone along side. No. brs. available. U.S.M.M.No. 1, bears S. 6°59'E. 5371.86 feet. Thence N. 47°39' W.
- 8.70 Intersect line 2-3 of the Truman lode Survey No. 1581, with part of which line 1-4 of the New York lode, Survey 2605 is identical, at N. 71°15'E. 1099.10 feet from corner No. 2<sub>A</sub> of the Truman lode and N 71° 15' E. 449.35 feet from Cor. No. 1<sub>A</sub> of the New York lode.   
and S. 71°15' W. 389.40 ft. from Cor. No. 3  
 and S. 71°15' W. 153.20 ft. from Cor. No. 4
- 292.00 S.E.C. A quartzite boulder 9x9x24 inches set 12 inches in the ground chiseled M-SEC - 3055 and X on top at exact corner point. A mound of stone alongside. No brs. available. Location monument, an andesite boulder in place 20x20x36 inches above ground, chiseled WCE-M and X at exact corner point with a post 4 inches square 4 feet long alongside, bears N. 47°39' W., 9.27 feet.
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- 532.00 Gulch SW.
- 592.00 Cor. No. 2 a quartzite boulder 9x9x24 inches set 12 in. in the ground, chiseled M-2-3055 and X at exact corner point with a mound of stone alongside. No brs: available. Location monument a quartzite boulder 8x12x8 inches above ground, chiseled NWC 2 M and X at exact corner point with a post 4 inches sq. 4 feet long in mound of stone alongside, bears N. 47°39' W. 9.51 feet. Thence N. 42°19' E.
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# TRANSCRIBED COPY OF ORIGINAL FIELD NOTES

FEET	feet from corner No. 1-1,
139.15	4" pipe line bears N & S.
416.50	14" pipe line (supply pipe to Ray Water Works) bears NW & SE.
616.00	Gulch S.
988.95	Intersect line 3-4 New York lode, Survey No. 2605, identical with line 2-1 Chicago lode Survey No. 2506 at N 4° 46'E., 1078.70 feet from corner 4-1.
1491.35	Corner No. 3. An Andesite stone 6x9x24 inches, set 12 in. in the ground, chiseled M-3-3055 and X at exact corner point with mound of stone alongside. No brs available. Location monument an andesite stone 6x14x12 inches above ground, chiseled NEOM-3 and X at exact corner point, with post 4 inches square, 4 feet long in mound of stone alongside, bears N. 47° 39'W, 9.10 feet. Thence S. 47° 39'E.
300.00	NEC, A quartzite stone 10x13x24 inches set 12 inches in the ground, chiseled M-3055-NEC and X at exact corner point with a mound of stone alongside. No Brs. available. Location monument an andesite stone 6x12x12 inches above ground, chiseled M.E.C.E. and X at exact corner point, a post 4 inches sq. 4 feet long in mound of stone alongside, bears N. 47°30'W. 9 feet.
307.87	Intersect line 3-4 of the Chicago lode, identical with the west line of the Tom Payne lode, unsurveyed, at S. 4° 46' W, 450.18 feet from corner No. 3.
448.00	Gulch SW.
592.00	Cor. No. 4 identical with location. An andesite stone 9x12x24 inches set 12 inches in the ground, chiseled. M-4-3055 and X at exact corner point. Post, 4 inches. sq. 4 feet long in mound of stone alongside. No. brs. available. Thence S. 42° 19'W.
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963.00	Wash west.
1184.18	14 inch pipe line (supply pipe Ray Water works).
1272.18	Intersect line 4-3 of the New York lode, Survey No. 2605

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FEET.

identical with line 1-2. Chicago lode, same survey at  
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being part of line 2-3 of the Truman lode, Survey 1581  
at S. 71° 15' W., 135.21 feet from Corner No. 4 of the New  
York lode and S. 71° 15' W., 371.41 feet from Cor. No. 3  
of the Truman lode.

1491.35 Corner No. 1, place of beginning. VEIN  
The presumed course of the vein is from the S.E.C.  
N. 42° 19' E. 1491.35 ft. to the N.E.C.

\*\*\*\*\* A R E A \*\*\*\*\*

Total area of Marion lode, 20.268 acres.

Area in conflict with

Boston lode, Survey No. 2605,	0.060
New York lode, Survey No. 2605,	8.148
Chicago lode, Survey No. 2605,	10.854
Tom Payne lode, unsurveyed,	1.205
Truman lode, Survey No. 1581,	0.002

\*\*\*\*\* L O C A T I O N \*\*\*\*\*

This survey is located in approximately Section 11,  
T. 3 S., R. 13 E., G.&S.R.B.& Meridian, unsurveyed, in  
the Mineral Creek Mining District, Pinal County, Arizona.

\*\*\*\*\* I M P R O V E M E N T \*\*\*\*\*

No. 1, Discovery shaft 4x6x15 feet on the presumed  
course of vein, and from which the SEC bears S. 42° 19' W,  
624 feet and the NEC bears N. 42° 19' E., 867.35 feet.

Value, \$ 100.00

No. 2 - Shaft 4x6x25 feet, bears N. 63° 21' E., 808 feet  
from corner No. 2.

Value, \$ 200.00

No. 3, Open cut 4x20x8 feet, running N. 75° 31' E. Face  
bears N. 62° 31' E., 858 feet from corner No. 2.

Value, \$ 50.00

No. 4, Open cut 4x20x10 feet and tunnel 4x6x35 feet, each  
running N. 14° 30' W., Common face bears N. 36° 16' E.,  
616 feet from corner No. 1, Value \$ 400.00

\*\*\*\*\* I N S T R U M E N T \*\*\*\*\*

This survey was made with a Buff & Buff transit No. 3283  
having horizontal and vertical circles reading by verniers

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Page 4 .

to single minutes. The distances were measured with 100 & 500 ft. steel tapes.

\*\*\*\*\* M E R I D I A N \*\*\*\*\*

I determined the true meridian by an observation on Polaris at its eastern elongation on May 6, 1913, at approximately 4:50 a.m., mountain time, using  $1^{\circ} 22' 30''$  as the azimuth of the star.

\*\*\*\*\* M A G N E T I C V A R I A T I O N \*\*\*\*\*

The magnetic variation is  $13^{\circ} 50'$  E. at all corners.

\*\*\*\*\* D I S C R E P A N C I E S \*\*\*\*\*

The discrepancies between this survey and the adjoining and conflicting surveys are due to the errors in the latter

\*\*\*\*\* A D J O I N I N G C L A I M S \*\*\*\*\*

This claim is bounded on the north east by the Chicago lode claim, Survey No. 2605; and the Tom Payne lode claim unsurveyed; on the south east by the Tom Payne lode claim unsurveyed, the Chicago lode claim Survey No. 2605, the New York lode claim Survey No. 2605 and the Truman lode claim Survey No. 1581; on the south west by the Truman lode claim, survey No. 1581, the New York lode claim and the Boston lode claim, both Survey No. 2605; on the north west by the Boston lode claim, the New York lode claim and the Chicago lode claim, all of Survey No. 2605.

*Oliver C. Thompson*  
*U. S. Mineral*  
*Surveyor*

yc