

3-23-1911.

F. L.

FEB 9-1911

4-683.

MINERAL SURVEY No. 2877

LOT No.

Arizona Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ray Consolidated Copper Company

KNOWN AS THE

Hackberry

Mineral Creek Mining District,

Pinal County, Arizona

Section Approx., Township 3 S., Range 13 E., Unsur.

Surveyed under instructions dated December 31, 1910

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

Claim located June 26, 1909

Survey commenced February 1, 1911

Survey completed February 3, 1911

6-822

Address of Claimant's Attys.,
Chalmers & Wilkinson,
Phoenix, Arizona.

Feet.

HACKBERRY

Beginning at Cor. No.1, identical with Cor. No.2 Buffalo Lode Sur. No.2659, on line 3-4 Monarch lode Sur. No.2573 A., S $74^{\circ} 05\frac{1}{2}'$ W. 48.52 ft. from Cor. No.4, a red sand stone 4 x 8 x 8 inches above ground chiseled "B 2 - 2659" with + on top at exact corner point to which I add "H 1 - 2877". S.E. Cor. of location which is a monument of stone 3 ft. high with base 3 ft. in diam, bears N. $74^{\circ} 10'$ E. 1156.4 ft.
 U.S.M.M. No. 1 brs. S. $32^{\circ} 25' 45''$ E 4823.9 ft.
 Thence S. $56^{\circ} 48'$ W.
 Mag. Var. $13^{\circ} 45'$ E.

92.00 Road, course N. E.

94.78 To Cor. No.2.

A sand stone 12 x 18 x 20 inches set 12 inches in the ground chiseled "H - 2 - 2877" with + on top at exact corner point. A monument of stone alongside. S. W. Cor. of location bears S. $6^{\circ} 50'$ E. 251 ft. and is a monument of stone 3 ft. high, with base three ft. in diam.
 Thence N. $40^{\circ} 34\frac{1}{2}'$ W.
 Mag. Var. $13^{\circ} 45'$ E.

15.50 To West end center.

A sand stone 12 x 18 x 24 inches set 12 inches in the ground chiseled "W. E. C. - H - 2877" + on top at exact point. Monument of stone alongside. Whence W.E.C. of location, a monument of stone 3 ft. high, with base 3 ft. in diam. brs. S. 52° W. 21.2 feet.

31.00 To Cor. No.3.

On line 3 -4 of Monarch lode Sur. No. 2573 A, S. $74^{\circ} 05\frac{1}{2}'$ W. 151.96 feet from Cor. No.4, and on line 1 - 4 of Esperanza lode, Sur. No. 2573 A, S. $49^{\circ} 45\frac{1}{2}'$ W. 94 feet from Cor. No.4.

A sand stone 12 x 12 x 20 inches set 12 inches in the ground, chiseled "H - 3 - 2877" + on top at exact corner point.

Location monument, which is a monument of stone 3 ft. high with base 3 ft. in diam, bears N. $22^{\circ} 26'$ W. 307 feet.

Feet. Thence N. $49^{\circ} 45\frac{1}{2}'$ E.

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

40.00 Road bears N. W.

94.00 To Cor. No.4, identical with Cor. No.4 Esperanza

Mine lode Sur. No.2573 A.

A Trachyte stone 8 x 10 x 12 inches above ground
chiseled "E - 4 - 2573 A, + at exact corner point

to which I add "H - 4 - 2877". Location corner which is a
monument of stone 3 ft. high with base 3 ft. in diam.
bears N. $49^{\circ} 25'$ E. 1226 ft.

Thence S. $40^{\circ} 34\frac{1}{2}'$ E.

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

15.50 East End Center,

A sandstone 12 x 15 x 20 inches, set in monument
of stone, it being impossible to set same in ground,

chiseled "E. E. C. - H. - 2877", + at exact point. From
which East End Center of location, a monument of stone 3
ft. high, with base 3 ft. in diam. bears N. $61^{\circ} 30'$ E. 1197 ft.

42.62 To Cor. No. 1, beginning.

AREA.

Total Area Hackberry Lode 0.079 Acres.

Area in conflict with Sur.No.
2573 A, Monarch Lode, 0.033 Acres.
VEIN.

The presumed course of the vein on this claim is
from the discovery N. $49^{\circ} 45\frac{1}{2}'$ E. 47 ft., and S. 49°
 $45\frac{1}{2}'$ W. 47 ft.

LOCATION.

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

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I certify that the value of the labor and improve-
ments made upon this location is not less than Five

Hundred Dollars and that said improvements consist of
a drill hole

No. 1. The discovery boring, 9 inches in diameter
at surface and 254 feet deep, on the presumed course
of ledge N. $49^{\circ} 45\frac{1}{2}'$ E. 47 feet from the West End
Center, Value, \$600.00

No. 2. A shaft 6 x 6 x 15 feet in loose material
on the presumed course of ledge N. $49^{\circ} 45\frac{1}{2}'$ E. 50
feet from the West End Center,
Value, \$ 75.00

INSTRUMENT.

This survey was made with a W. & L. E. Gurley
light mountain transit with a 4 inch needle furnished
with horizontal and verticle circles reading to
single minutes of arc. The distances were measured
with 100 ft. and 500 ft. steel tapes. The courses
were deflected from the true meridian as determined
by Polaris observation.

The differences between this survey and the
adjoining claims, Esperanza Mine lode and Monarch
lode, Sur. No. 2573 A. and the Buffalo lode Sur. No.
2659, are due to errors in the latter.

Adjoining Claims.

This claim is bounded on the north by the Esperanza
Mine lode, Sur. No. 2573 A., and the Buffalo lode, Sur.
No. 2659; on the east by said Buffalo lode and the Monarch
lode, Sur. No. 2573 A.; on the south by said Monarch lode,
and on the west by said Monarch and Esperanza Mine lodes.

REPORT.

Corner No. 4 of Monarch lode, Survey No. 2573 A is
obliterated together with all the witnesses thereto, by
being buried under a railroad embankment, and I deter-

mine the position of same by running line 3-4 parallel to line 1-2 and intersecting same with line 1-4 determined by producing the line from Corner No. 1 through the East End Center

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Olin C. Thompson

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 _____

Ray Consolidated Copper Company

known as the Heakberry

and showing the respective capacities in which they acted.

Chas E. Mincks, Chairman.

_____, Chairman.

_____, Axman.

_____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, A. Chas E. Mincks

and _____, do solemnly swear that we assisted Olin C

Thompson, United States Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of _____

Ray Consolidated Copper Company

known as the Heakberry

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 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

Chas E. Mincks, Chairman.

_____, Chairman.

_____, Axman.

_____, Flagman.

Subscribed and sworn to by the above-named persons before me this 4th

day of February, 1911

My commission expires
Aug 1. 1914

A. Allwren
Notary Public



FINAL OATH OF U. S. MINERAL SURVEYOR.

I, Olin C. Thompson, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona, dated
December 31 1910, 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
Hackberry,
situate in Mineral Creek Mining District,
Pinal County, Arizona, in Section
approximately, Township No. 3. S, Range No. 13 E, unsurveyed,
and designated as Survey No. 2877, 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.

Olin C. Thompson
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Olin C. Thompson
U. S. Mineral Surveyor, before me A. A. Drew
Notary Public in and for Pinal Co. Arizona this 4th
day of February, 1911

My commission expires
Aug 1, 1914

A. A. Drew
Notary Public



Notice of Mining Location

LODE CLAIM

To All Whom It May Concern:

This Mining Claim, the name of which is the HACKBERRY Mining Claim, situate on lands belonging to the United States of America, and in which there are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by C. F. Jennings, a citizen of the United States

(Locator must insert either "a citizen of the United States," or, "who has declared his intention to become a citizen of the United States.")
the undersigned, on the 26th day of June 1909.

The length of this claim is 1500 feet,
and he claims 40 feet,
in a Westerly direction and
1460 feet in an Easterly direction from
the center of the discovery shaft, at which this notice is posted, lengthwise of the claim, together
with 300 feet in width of the surface grounds, on each
side of the center of said claim. The general course of the lode deposit and premises is from the
West to the East

The claim is situated and located in the Mineral Creek Mining District, in
Pinal County, in the Territory of Arizona, about 1/2 mile
in a Northerly direction from the old Ray mill

The surface boundaries of the claim are marked upon the ground as follows: Beginning at

~~at~~ a point in a westerly direction forty feet from
the discovery shaft (at which this notice is posted), being in the center of the westerly
end line of said claim; thence Northerly 300 feet to a monument
N. W. corner of said claim; thence
Easterly 1500 feet to a monument, being at the
N. E. corner of said claim; thence Southerly 300 feet
to a point at the center of the East end of said claim;
thence Southerly 300 feet to a monument, being at the
S. E. corner of said claim; thence Westerly 1500
feet to a monument at the S. W. corner of said claim;
thence Northerly 300 feet to the place of beginning.

All done under the provisions of Chapter Six, of Title XXXII, of the Revised Statutes of the United States, and of an Act of the General Assembly of Arizona, entitled "An Act to Revise and Codify the Laws of the Territory of Arizona," approved March 16, 1901.

Dated and posted on the ground this 26th day of June 1909.

C. F. Jennings
Locator

over 1930

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

I, H. Watson, County Recorder in and for the County and Territory aforesaid, do hereby certify that the within instrument was filed for record at 1 o'clock P M., on this 9th day of Sept 1909, and duly recorded in Book No. 8 of Mines Records of Pinal County, Arizona, at pages

WITNESS my hand and official seal the day and year first above written
H. F. Watson
County Recorder.

By N. N. Hells

INDEXED
COMPALED

Notice of Location

LODE CLAIM

Blackberry lode.

G. F. Jennings
Locator

Dated June 26th 1909.

Filed and Recorded at request of
E. Stanger
Sept. 9th A. D. 1909
at 1 o'clock P. M.
Book No. 8 of Mines
Pages 155

By H. Watson County Recorder.
Deputy Recorder.

The H. H. McNeil Co., Phoenix, Arizona

Excerpts from the Mining Laws of the Territory of Arizona.

Title XLVII of the Revised Statutes of 1901, and Amendments Thereto.

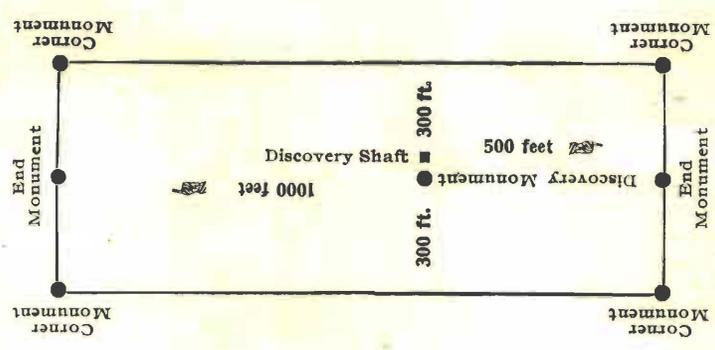
Sec. 2. Such location shall be made by erecting at or contiguous to the point of discovery a conspicuous monument of stones not less than three feet in height, or an upright post, securely fixed, projecting at least four feet above the ground, in which monument of stones or on which post there shall be posted a location notice which shall be signed by the name or names of the locator or locators.

Sec. 4. From the time of the location of a mining claim, as above specified, the locator shall be allowed ninety days within which to do or cause to be done the following things * * * *

2. To sink a discovery shaft in the claim to a depth of at least eight feet from the lowest part of the rim of the shaft at the surface, and deeper, if necessary, until there is disclosed in said shaft mineral in place.

Sec. 6. Such surface boundaries shall be marked by six substantial posts projecting at least four feet above the surface of the ground, or by substantial stone monuments at least three feet high, to-wit: One at each corner of said claim and one at the center of each end-line thereof.

Sec. 8. Location notices may be amended at any time and the monuments changed to correspond with the amended location; Provided, That no change shall be made that will interfere with the rights of others.



This diagram is to give locator a general idea of plan of location under the new law. The Discovery Shaft can be in the center of claim or any distance from either end desired. In the diagram it is placed 500 feet from one end and 1000 feet from the other. Commence description of claim at a center end monument, giving its distance and direction from center of Discovery Shaft; thence bound the claim in either direction. In description be careful to state locality of claim with reference to some natural object, or permanent monument, as will identify the claim.

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

March 25, 1911., 190

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 HACKBERRY,

situate in Mineral Creek

Mining District, Pinal County, Arizona,

in Section Approx., Township No. 3 S., Range No. 13 E., unsurveyed and

designated as Survey No. 2877, 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 1 drill hole and 1 shaft, total value \$675.00

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,

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,

March 25, 1911., 190

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

HACKBERRY,

situate in Mineral Creek mining district,

Pinal County, Arizona,

in Section approximate, Township No. 2 S., Range No. 13 E., unsurveyed,

, designated as Survey No. 2877,

executed by Oliver C. Thompson, United States Mineral

Surveyor, February 1 - 3, 1911., 190, under my instructions dated

December 31, 1910., 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. Lyack

U. S. Surveyor-General for Arizona,