

M
S

0

2

6

1

9

Copied 4-21-1909

A. L. H.

APR 10 1909

1 APR 19 1909

*Plated
in DA*

4-683.

MINERAL SURVEY No. 2619

LOT No. _____

_____ Arizona _____ Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

_____ Calumet & Arizona Mining Co _____

KNOWN AS THE

_____ HOOP UP _____

_____ Bunker Hill _____ Mining District,

_____ Pinal _____ County, _____ Arizona _____

Section APPROX, Township _____ S., Range 18-E UN. SUR.

Surveyed under instructions dated Jan 2, _____, 1909

by E. A. Bordwell
U. S. Mineral Surveyor.

Claim located See Location Notice

Survey commenced March 21, _____, 19 09

Survey completed March 22, _____, 1909

6-822

Add Address;

From Frank H. Hereford, Atty.,

Tucson Tucson, Arizona.

HOOP UP LODGESURVEY NO. 2619.

Beginning at Cor. No. 1, a 4"x 6" pine post, 4 1-2 ft., long set 18 inches in the ground with mound of stone scribed 1-2619- H.U. being identical with location corner, whence, and situate on the westerly end line of the Annie L. Lode, unsurveyed, and on the easterly end line of the Independence Lode, unsurveyed.

U.S.L.M. 2577 bears S 84°41' W. 2885.5 ft. Nail in 3 ft. stump of tree scribed B.T. 1-2619-H.U. bears N. 8°09' W. 319.5 ft.

N.W. Cor. ■ Annie L. Lode--unsurveyed--Calumet and Arizona Mining Co. claimant, bears N. 26°00' E 156.6 ft. N.E. Cor. -Independence Lode--unsurveyed--Calumet and Arizona Mining Co. claimant, bears N. 26°00' E. 63.5 ft. Their corners consist of 4"x 4" mesquite post with mound of stone.

Thence N. 8°09' W. Var. 13° 45' E. Intersect the northerly side line of Independence Lode, unsurveyed, whence

74 N.E. Cor. ■ Independence Lode bears S 67°05' E. 41.6 ft

130 Top ridge

275 Ravine

310 Ridge

323.8 Westerly end center monument, a 4" x 6" pine post 4 ft., long set 18 inches in the ground, with mound of stone scribed W.E.C.,-2619-H.U. being identical with location monument

335 Ravine

647.6 To cor. No. 2 a 4" x 6" pine post 4 1-2 ft. long set 18 inches in the ground with a mound of stone, scribed 2-2619-H.U., being identical with location corner, whence, An 8" mesquite tree blazed and scribed B.T. 2-2619- H.U. bears N. 32°25' E 199.0 ft. Thence N. 59°42' E. Var. 13° 45' E.

335 Ravine

760 Top ridge

1100 Wash 25-wide-course southeasterly

1400 Top ridge

1500 To cor. No. 3 a 4" x 6" pine post, 4 1-2 ft long set 18 inches in the ground with mound of stone, scribed 3-2619-H.U., whence, Location corner a 4" x4" mesquite post with mound of stone bears N. 59° 42' E 3.5 ft. A 6" mesquite tree blazed and scribed B.T. 3-2619- H.U. bears S. 79°39' E. 12.3 ft. Thence S. 8°09' E. Var. 13° 45' E.

323.8 Easterly end center monument, a 4" x 6" pine post 4 1-2 ft. long set 18 inches in the ground, with mound of stone scribed E.E.C.-2619-H.U., whence Location center monument 4" x4" mesquite post with mound of stone, bears N. 59° 42' E. 3.5 ft.

647.6 To Cor. No. 4 a 4" x 6" pine post 4 1-2 ft long set 18 inches in the ground with mound of stone scribed 4-2619-H.U., whence Location corner a 4"x4" mesquite post with mound of stone, bears N. 59°42' E 3.5 ft. A 6" mesquite tree blazed and scribed B.T. 4-2619- H.U. bears S 11°01' East 112.6 ft. Thence S 59°42' W. Var 13° 45' E.

200 Wash 25--wide course southeasterly

700 Top ridge

1140 Saddle in ridge

1333.4 Intersect the northerly side line of the Annie L. Lode, unsurveyed, whence N.W. Cor. ■ Annie L. Lode bears N. 52°58' W. 94.2 ft.

1345 Top ridge

1500 To Cor. No. the place of beginning.

AREA.

Total area Hoop Up Lode claimed	20.655 Acres
Area in conflict with Independence lode	0.030 "
Mining claim, unsurveyed, <i>not excluded</i>	
Area in conflict with Annie L Lode	0.166 "
Mining claim, unsurveyed, <i>not excluded.</i>	

LOCATION.

This claim is located in approximately unsurveyed T. 8 S.R. 18-E--Gila and Salt River Base and Meridian.
BUNKER Hill Mining District, Pinal Co., Arizona.

ADJOINING CLAIMS.

The Hoop Up Lode is bounded on the southeasterly side by the Christopher, Little Rhody, and Annie L. claims, and on the westerly end by the Independence all unsurveyed, Calumet and Arizona Mining Co., claimant.

COURSE OF VEIN.

The presumed course of vein of the Hoop Up Lode is from the Westerly End Centre Monument N. 59° 42' E. 1500 ft. to the Easterly End Centre Monument.

EXPENDITURES OF FIVE HUNDRED DOLLARS

I certify that the value of the labor and improvements upon this claim, placed thereon by the claimants and their grantors is not less than five hundred dollars, and that said improvements consist of ^{From M.C. Run} No. 1 The Discovery cut and tunnel bears N. 59° 42' E 140 ft. The cut is 4' x 10' x 20', the tunnel 14' x 6' x 20' ^{Course S. 86° E.} Value \$132

No. 2. Cut and tunnel bears S. 47° E 65 ft. Cut 4.5' x 9' x 10'. Tunnel 4.5' x 7' x 5' ^{Course N. 50° E.} Value \$52

No 3. Cut 8' x 12' x 11 bears N. 80° E 135 ft ^{Course N. 85° E.} Value \$76

No. 4 Shaft 6' x 6' x 41' bears S 88° E 180 ft Value \$275

From Cor. No. 4

No. 5 Shaft 5' x 8' x 8' bears S. 80° 15' W. 735 ft Value \$48

No. 6 Shaft 4' x 6' x 26' bears S 72° 15' W. 700 ft. Value \$115

No. 7 Tunnel 4.5' x 6.5' x 30' brs. S. 81° W. 540 ft ^{Course N. 31° W.} Value \$160

INSTRUMENT

This survey was made with a Lietz Mining Transit. The courses were deflected from the true meridian as determined by Polaris observations. The distances were measured with 50 ft., 100 ft., and ~~200 ft.~~ steel tapes

POLARIS OBSERVATIONS.

March 21, 1909.

At Cor. No. 1 of the Hoop Up Lode, at 7 h. 26 m.

P. M. 1.m. †, I observe Polaris at western elongation. I mark the line thus established by a point on a stake driven in the ground 500 ft. north of corner. March 22, 1909.

At 7 h. 0 m. A. M., 1.m.t., I deflect the azimuth of Polaris 1° 24' to the east and from the true meridian thus established, I deflect the course of the lines of this survey.

F. A. Bordwell
 U. S. Deputy Mineral Surveyor.

 Affidavit of Five Hundred dollar Improvements signed,

O. E. Nichols
 L. H. Hyer

 O. E. Nichols Chainman
 L. H. Hyer Chainman
 L. H. Hyer Axman
 O. E. Nichols Flagman

Subscribed and sworn to before O. T. Richey
 U. S. Commissioner, March 26, 1909.

Handwritten mark

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by F. A. Bordwell

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 Calumet

& Arizona Mining Co.

known as the Hoop Up

and showing the respective capacities in which they acted.

O. E. Nichols, Chainman.

L. H. Hyer, Chainman.

L. H. Hyer, Axman.

O. E. Nichols, Flagman.

FINAL OATHS OF ASSISTANTS.

We, O. E. Nichols

and L. H. Hyer, do solemnly swear that we assisted

F. A. Bordwell, United States Deputy Mineral Surveyor, in marking the corners and surveying

the boundaries of the mining claim of Calumet & Arizona Mining Co.

known as the Hoop Up

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 Territory

O. E. Nichols, Chainman.

L. H. Hyer, Chainman.

L. H. Hyer, Axman.

O. E. Nichols, Flagman.

Subscribed and sworn to by the above-named persons before me this 26th

day of March, 1909

[Signature]
U.S. Commissioner

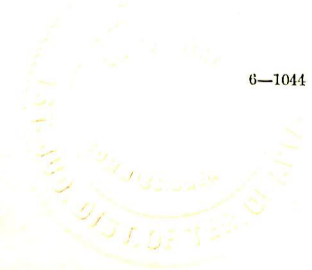
FINAL OATH OF U. S. MINERAL SURVEYOR.

I, F. A. Bordwell, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for Arizona Territory, dated
Jan 2, 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 Calumet & Arizona Mining Co.
....., known as the
Hoop Up
situate in Bunker Hill Mining District,
Pinal County, Arizona, approximately in Section
Unsurveyed, Township No. 8 S, Range No. 18 E,
and designated as Survey No. 2619, 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 claimants 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.

F. A. Bordwell
U. S. Mineral Surveyor.

Subscribed and sworn to by the said F. A. Bordwell
U. S. Mineral Surveyor, before me O. J. Risher
U. S. Commissioner this 26th
day of March, 1909

O. J. Risher
U. S. Commissioner



Affidavit of Five Hundred Dollars Improvements.

We, O. E. Nichols and L. H. Hyer

of lawful age, being first duly sworn according to law, depose and say: That we are acquainted with the Hoop Up mining claim, situate in Bunker Hill Mining district, Prima County, Arizona Territory, for which Calumet and Arizona 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 applicants and its grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

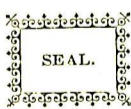
O. E. Nichols
L. H. Hyer

TERRITORY OF ARIZONA, }
County of Prima } ss:

Sworn to and subscribed before me, this 26th

day of March, 1909

W. H. ...
W. H. ...



AMENDED NOTICE OF MINING LOCATION.

LODE CLAIM.

TO ALL WHOM IT MAY CONCERN:

This mining claim, the name of which is the Hoop Up, situate on lands belonging to the United States of America, at the time the original of this location was made, and in which there were and are valuable mineral deposits, was entered upon and located for the purposes of exploration and purchase by E. A. Clark and John Scanlon, citizens of United States of America, on January 1, 1890, the location notice of which was recorded in the office of the County Recorder of Pinal County, Arizona, in Book 12 Records of Mines, at Page 46.

The length of this claim is Fifteen Hundred feet in a south westerly direction from the North-east center end monument at which the original notice and this copy of amended notice was and is posted. lengthwise of the claim, together with three hundred feet in length 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 north east to the south - west.

The claim is situated and located in the Bunker Hill Mining District, Pinal County, Arizona, about one mile north of the Copper Giant Mine, and about three-fourth of a mile north of the Globe Mine, and it adjoins the westerly ^{end} lines of the Christopher and Little Rhody Mines. It was formerly known as the Concordia Mine. It was located previous to the time that the law required the doing of location work, but amongst other work it has a tunnel about thirty-five feet from the south-west end center monument, which is for the purpose of this amended location adopted as a discovery tunnel.

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

Beginning at the north- east center end monument in which this notice is posted and running northerly three hundred and twenty four (324) feet to a monument of stone, being at the north- westerly corner of said claim: running thence south- westerly fifteen hundred (1500) feet to a tree and monument of stone, being at the south westerly corner of said claim; running thence southerly three hundred and twenty- four (324) feet to a monument of stone, being at the south westerly center end of said claim: running thence southerly three hundred and twenty four (324) feet to a monument of stone being at the south- easterly corner of said claim; running thence north- easterly fifteen hundred (1500) feet to a monument of stone being at the north- easterly corner of said claim : running thence northerly three hundred and twenty four (324) feet to the place of beginning.

All done under the laws of United States and of the Territory of Arizona.

This is an amended location notice of the said Hoop Up Mining Claim, to which reference is hereby made, and this amended location notice is made and posted to correct errors in the original description contained in the said location notice, and to fix the boundaries---- boundaries of said claim with more definiteness.

Dated and posted on the ground this 14th day of December, 1908.

Calumet & Arizona Mining Co.

By J. K. Hooper,

Supt.

Filed and recorded at request of J. K. Hooper, Dec. 18th, 1908 at 1 P. M.

G. F. Watson, Recorder.

By Deputy. N. N. Wells.

Records of Mines. Book No. 26 at page 443.

Territory of Arizona.

County of Pinal. ss.

I, G. F. Watson, County Recorder in and for the county of Pinal, Territory of Arizona, do hereby certify that the above and foregoing Location Notice (Amended) of the Hoop Up Mining Claim, is a full true and correct copy of the original, as the same appears on record in this office, in Book No. 26 of Records of Mines, at page 443.

Witness my hand and seal of office, this the 19th day of December, A. D. 1908.

Recorder.....*G. F. Watson*.....

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

July 13, 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

CALUMET & ARIZONA MINING CO.

known as the HOOP UP

situate in BUNKER HILL

Mining District, PINAL County, ARIZONA

in Section APPROX., Township No. 8 S., Range No. 18 E., Unsur., and

designated as Survey No. 2619, 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 ^{not less than} 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 cuts, 3 tunnels and 3 shafts, total value \$858.00

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,

July 13, 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

CALUMET & ARIZONA MINING CO.

known as the

H O O P U P

situate in BUNKER HILL Mining District,

PINAL County, ARIZONA

in Section APPROX., Township No. 8 S., Range No. 18 E., Unsur.

designated as Survey No. 2619

executed by F. A. Bordwell, U. S. Deputy Mineral

Surveyor, March 21-22, 1909, under my instructions dated

January 2, 1909, have been critically examined and the necessary

corrections 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 Grant S. Ingalls

U. S. Surveyor-General for Arizona.

13

SURVEY N^o 2619

HOOP UP LODE

BUNKER HILL MINING DISTRICT.

PINAL CO.

ARIZONA.

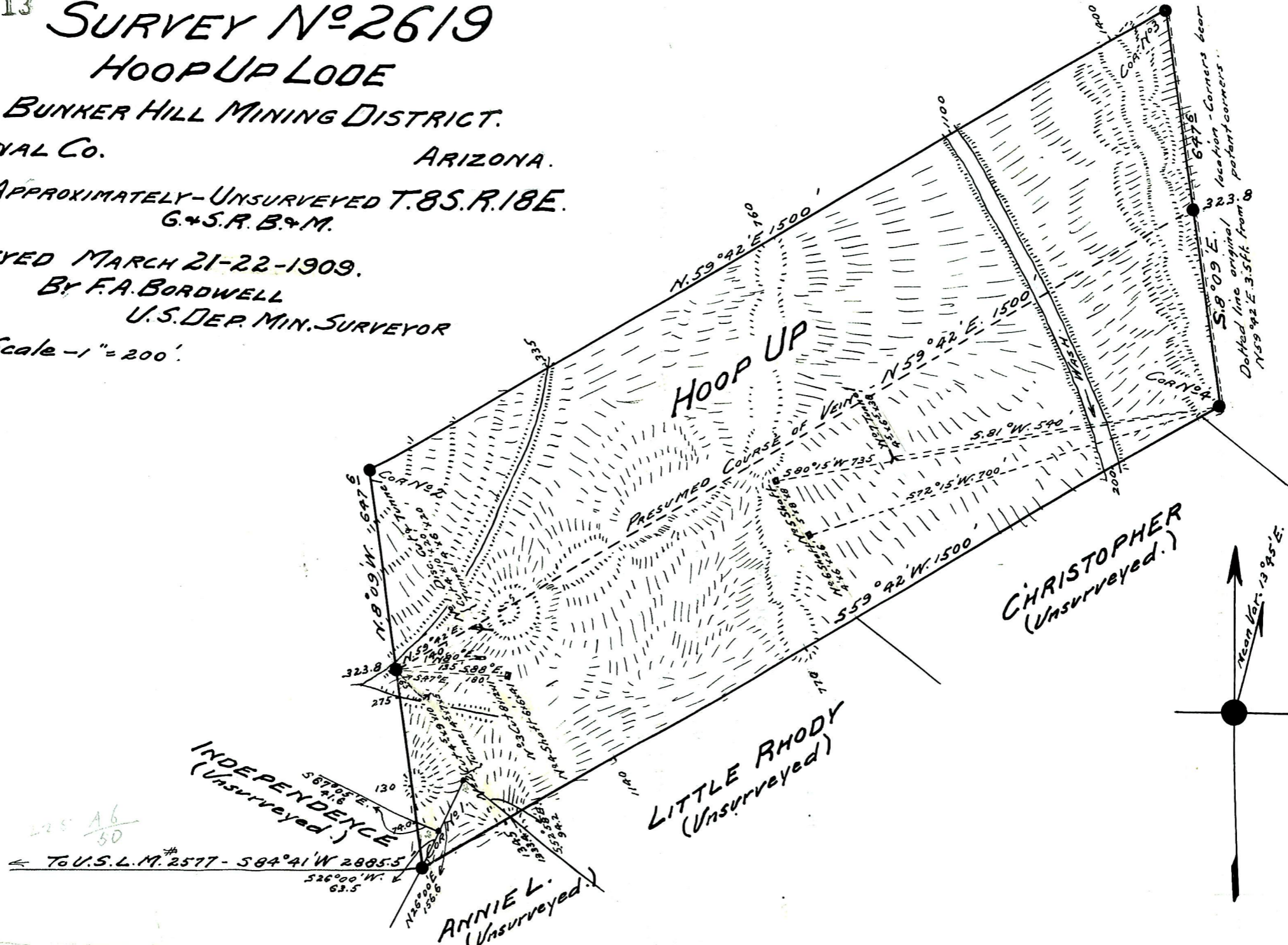
APPROXIMATELY-UNSURVEYED T. 8S. R. 18E.
G. & S. R. B. & M.

SURVEYED MARCH 21-22-1909.

By F. A. BORDWELL

U.S. DEP. MIN. SURVEYOR

Scale - 1" = 200'



225 $\frac{46}{50}$

To U.S.L.M. # 2577 - S 84° 41' W 2885.5
526° 00' W. 63.5

ANNIE L.
(Unsurveyed.)

LITTLE RHODY
(Unsurveyed.)

CHRISTOPHER
(Unsurveyed.)

True Var. 13° 45' E.