

May 14, 1928

1

4-683

MINERAL SURVEY No. 4065

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

Ivanhoe Copper Company

KNOWN AS THE

WHITE HORSE lode

Warren Mining District,

Cochise County, Arizona

Section 25, Township 23 S, Range 24 E, G&SRB&M

Surveyed under instructions dated April 23, 1928, 19

by Ralph L. Motz

U. S. Mineral Surveyor.

Claim located January 1, 19 11

Survey commenced May 8, 19 28

Survey completed May 9, 19 28

Address of claimant's Attorneys, ELLINWOOD & ROSS, Box 1069, Bisbee, Arizona.

DATES OF AMENDED LOCATIONS.

SURVEY NO. 4065

WHITE HORSE lode

Beginning at Cor. No. 1, the S. E. Cor., identical with location, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 1-4065 W H, whence the 1/4 Cor. between Secs. 25 and 36, T 23 S, R 24 E, G & S R B & M brs S 13° 03' E 216.9 ft.

thence S 87° 52' W

291.7 to original location for the south end center being a mound of stones 3 feet high with 3 foot base

331.7 to Cor. No. 2, the S. W. Cor., identical with location and situated at the intersection of lines 1-2 Survey No. 2172 Good Luck lode and 4-1 Survey No. 3908 Buckeye lode at S 16° 53' W 20.4 ft. from Cor No. 1 and N 16° 53' E 579.6 ft. from Cor. No. 2 of Survey No. 2172 Good Luck lode, and S 37° 37' W 285.9 ft and N 37° 37' E 314.1 ft. from Cors 1 and 4 of Survey No. 3908 Buckeye lode, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 2-4065 W H, no bearings available

thence N 16° 53' E

120.4 along line 2-1 of Survey No. 2172 Good Luck lode to Cors. 1 and 2 of Survey No. 2172 Good Luck and Lime Kiln lodes respectively

620.4 along line 2-1 of Survey No. 2172 Lime Kiln lode to Cors. 1 and 1 of Survey No. 2172 Lime Kiln and Edith lodes respectively

720.4 along line 1-4 of Survey No. 2172 Edith lode to Cor. No. 3, the N. W. Cor., identical with location and situated at intersection of lines 2-3 Survey No. 2019 Ocatea lode and 4-1 Survey No. 2172 Edith lode at N 56° 55' W 208.1 ft. and S 56° 55' E 1082.4 ft. from Cors. 2 and 3 of Survey No. 2019 Ocatea lode and N 16° 53' E 100.0 ft. and S 16° 53' W 500.0 from Cors. 1 and 4 of Survey No. 2172 Edith lode, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and

scribed 3-4065 W H, no bearings available

thence N 87° 52' E

40.0 to original location for the north end center being a mound of stones 3 feet high with 3 foot base

331.7 to Cor. No. 4, the N. E. Cor., identical with location and with Cors No. 3, 3, and 2, of Survey No. 1958 Remember The Main lode, Survey No. 3278 Don Miguel No. 6 lode, and Survey No. 3908 Razle Dazle No. 2 lode respectively, and situated on line 1-2 of Survey No. 2019 Ocatea lode at N 51° 17' E 201.4 ft. and S 51° 17' W 430.2 ft. from Cors. 2 and 1 thereof, a pine post 4 feet long 4 inches square set 18 inches in the ground in a mound of stones and scribed 4-4065 W H, whence a walnut tree 14 inches in diameter by 21 feet high blazed and scribed B T x 4-4065 bears N 13° 11' W 31.1 ft. and a second walnut tree of like dimensions and with like scribing bears N 34° 09' E 66.5 ft. Cor. No. 1 of Survey No. 3908 Razle Dazle No. 2 lode bears S 37° 37' W 600.0 ft.

thence S 16° 53' W

614.8 intersect lines 4-1 and 1-2 of Survey No. 3908 Razle Dazle No. 2 and Buckeye lodes respectively at N 58° 56' W 1280.9 ft. from Cors. 2 and 4 of Survey No. 3908 Buckeye and Razle Dazle No. 2 lodes respectively and S 58° 56' E 219.1 ft. from Cors. 1 and 1 of Survey No. 3908 Razle Dazle No. 2 and Buckeye lodes respectively
720.4 to Cor. No. 1, the place of the beginning.

LODE LINE

The presumed course of the vein on this claim is from the north end center S 16° 53' W 720.4 ft.

AREAS

Total area - White Horse lode - - - - - 5.186 A
Area in conflict with
Survey No. 2019 Ocatea lode - - - - - 0.457 A

SURVEY NO. 4065 (Con't)

00.00 Survey No. 3908 Razle Lode No. 2 lode - 1.499 A
00.00 Survey No. 3908 Buckeye lode - - - - - 1.094 A

Location

This survey is situated in Sec. 25, T 23 S, R 24 E, G & S
R B & M, in the Warren Mining District, Cochise County,
Arizona.

IMPROVEMENTS

I hereby certify that the value of the labor and improve-
ments placed upon this claim by the claimant or its
grantors is not less than five hundred dollars and that
said improvements consist of:-

- No. 1 Discovery shaft 4-x 6 x 20 feet deep brs from
south end center on lode line 190 ft. Value - - - \$ 150.00
- No. 2 Shaft 4 x 7 x 10 feet deep brs from Cor. No. 2
N 19° 31' E 192.0 ft. Value - - - - - 70.00
- No. 3 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N ^{22°} 32° 34' E 181.0 ft. Value - - - - - 60.00
- No. 4 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 27° 22' E 188.0 ft. Value - - - - - 60.00
- No. 5 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 19° 04' E 221.0 ft. Value - - - - - 60.00
- No. 6 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 23° 25' E 250.0 ft. Value - - - - - 60.00
- No. 7 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 27° 32' E 250.0 ft. Value - - - - - 60.00
- No. 8 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 32° 10' E 250.0 ft. Value - - - - - 60.00
- No. 9 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 29° 28' E 261.0 ft. Value - - - - - 60.00
- No. 10 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 28° 45' E 278.0 ft. Value - - - - - 60.00
- No. 11 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2
N 32° 29' E 277.0 ft. Value - - - - - 60.00
- No. 12 Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2

	N. 31° 02' E 285.0 ft. Value - - - - - \$	60.00
No. 13	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 33° 00' E 291.0 ft. Value - - - - -	60.00
No. 14	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 29° 30' E 292.0 ft. Value - - - - -	60.00
No. 15	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 26° 41' E 300.0 ft. Value - - - - -	60.00
No. 16	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 33° 00' E 305.0 ft. Value - - - - -	60.00
No. 17	Shaft 6 x 8 x 10 feet deep brs from Cor. No. 2 N 30° 32' E 302.0 ft. Value - - - - -	120.00
No. 18	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 25° 05' E 310.0 ft. Value - - - - -	60.00
No. 19	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 29° 02' E 315.0 ft. Value - - - - -	60.00
No. 20	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 31° 30' E 316.0 ft. Value - - - - -	60.00
No. 21	Shaft 4 x 6 x 10 feet deep brs from Cor. No. 2 N 37° 25' E 330.0 ft. Value - - - - -	60.00
No. 22	Shaft 6 x 8 x 10 feet deep brs from Cor. No. 2 N 23° 06' E 405.0 ft. Value - - - - -	120.00
Total Value of Improvements - - - - -		\$1540.00

INSTRUMENT

This survey was made with a C. L. Berger & Sons No. 1 c transit. The courses were deflected from the true meridian as determined by me for Survey Nos. 3278 and 3908. Distances were measured with 150 and 300 foot steel tapes. Magnetic variation 12° 30' East at all corners.

ADJOINING CLAIMS.

North Survey No. 2019 Ocatea lode
 East Survey No. 3908 Razle Dazle No. 2 and Buckeye lodes
 West Survey No. 2172 Good Luck, Lime Kiln and Edith lodes.

REPORT

The 1/4 Cor. between Secs. 25 and 36, T 23 S, R 24 E, G

SURVEY NO. 4065 (Con't)

& S R B & M is an iron pipe with brass cap properly marked.

Survey No. 2019 Ocatea lode, Cors. 1, 2 and 3 are monuments of rocks, posts missing.

Survey No. 2172 Cors. 4 and 1 of Edith lode, Cors. 1 and 2 of Lime Kiln lode and Cor. 1 of Good Luck lode are monuments of rocks, posts missing. Cor. No. 2 of Good Luck lode is an iron post set in concrete

Survey No. 1958 Remember the Main Lode Cor. No. 3 is a pine post

Survey No. 3278 Don Miguel No. 6 lode Cor. No. 3 is a pine post

Survey No. 3908 Razle Dazle No. 2 and Buckeye lode, all corners are pine posts.

Ralph L. Moyle

U. S. Mineral Surveyor

Dated at Bisbee, Arizona.

May 11, 1928.

FINAL OATHS FOR SURVEYS.

LIST OF NAMES.

A list of the names of the individuals employed by Ralph L. Motz

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

Ivanhoe Copper Company

known as the WHITE HORSE lode

and showing the respective capacities in which they acted.

Bert Gmehle

, Chainman.

, Chainman.

, Axman.

, Flagman.

FINAL OATHS OF ASSISTANTS.

~~We~~ I, Bert Gmehle

and _____, do solemnly swear that we assisted Ralph L. Motz

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

the boundaries of the mining claim of Ivanhoe Copper Company

known as the WHITE HORSE lode

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~~ Office Cadastral Engineer, at Phoenix, Arizona.

Bert Gmehle Chainman.

, Chainman.

, Axman.

, Flagman.

Subscribed and sworn to by the above-named persons before me this 11th

day of X May 11th, 1928

Charles Blood

Notary Public, in and for the County of Cochise, State of Arizona.

My commission expires May 23 1929 6-1043

FINAL OATH OF U. S. MINERAL SURVEYOR

I, Ralph L. Motz, U. S. Mineral Surveyor, do solemnly swear that, in pursuance of instructions received from the Office Cadastral Engineer, at Phoenix, Arizona, dated April 23, 1928, I have, in strict conformity to the laws of the United States, the official regulations and instructions thereunder, and the instructions of said Office Cadastral Engineer, faithfully and correctly executed the survey of the Mining Claim of Ivanhoe Copper Company, known as the WHITE HORSE LODGE, situate in Warren Mining District, Cochise County, Arizona, in Section 25, Township No. 23 S, Range No. 24 E, G&SRB&M and designated as Survey No. 4065, 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 Office Cadastral Engineer with said instructions, and that all 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.

Ralph L. Motz
U. S. Mineral Surveyor.

Subscribed and sworn to by the said Ralph L. Motz
U. S. Mineral Surveyor, before me Charles R. Woods, Notary Public
this 11th
day of May, 1928

Charles R. Woods
Notary Public, in and for the County of Cochise, State of Arizona.
My commission expires May 23, 1929

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

Department of the Interior, PUBLIC SURVEY OFFICE OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 21, 1928

I, U. S. Surveyor General for OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona.

do hereby certify that the foregoing transcript of the Field Notes, return and approval of the survey of the mining claim of

Ivanhoe Copper Company

known as the WHITE HORSE lode

situate in Warren

Mining District, Cochise County, Arizona

in Section 25, Township No. 23 S, Range No. 24 E., and

designated as Survey No. 4065, 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 22 shafts, total value \$1540.

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.

John D. Adams

United States Surveyor General for OFFICE CADASTRAL ENGINEER

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~~
PUBLIC SURVEY OFFICE

Phoenix, Arizona,

May 21, 1928

I, ~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER, at Phoenix, Arizona,

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

Ivanhoe Copper Company

, known as the

WHITE HORSE lode

situate in Warren mining district,

Cochise County, Arizona

in Section 25, Township No. 23 S., Range No. 24 E.

, designated as Survey No. 4065

executed by Ralph L. Motz, U. S. Mineral

Surveyor, May 8 - 9, 1928, under my instructions dated

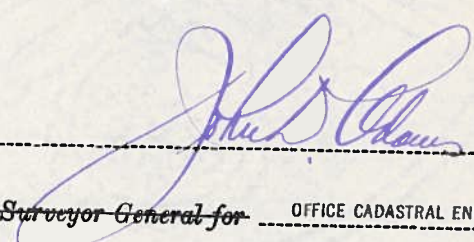
April 23, 1928, have been critically examined and the necessary

corrections and explanations made, and the said Field Notes and Return, and the survey they describe,

are hereby approved. The certified copy of the location certificate filed by the applicant for survey is

on file in this office and a true copy of said certified copy of said location certificate is included and

made a part of the transcript of the field notes.


~~U. S. Surveyor General for~~ OFFICE CADASTRAL ENGINEER