

4-683

FEB 15 1921

MINERAL SURVEY No. 3693

LOT No.

MAR 5 1921

ARIZONA

Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

UNITED VERDE EXTENSION MINING CO.

KNOWN AS THE

CACTUS and HARRY J LODES

VERDE

Mining District,

YAVAPAI

County, ARIZONA

Sections 21, 22, 27 & 28 un sur., Township 16 N., Range 3 E.

Surveyed under instructions dated Jan. 3, 1921

by J. WILLIAM WAARA

U. S. Mineral Surveyor.

Claim located See location notices, 19

Survey commenced Jan. 9, 19 21

Survey completed Jan. 15, 19 21

Address of claimant John H. Page, Phoenix Arizona

DATES OF AMENDED LOCATIONS.

see letter 4-19-21 5-18-21

Oath of Aets.

Feet

MINERAL SURVEY NO. 3693

Cactus Lode

Beginning at Cor. No. 1, identical with Cor. No. 1 Humboldt lode Sur. No. 2463 and Cor. No. 2 Sunrise lode Sur. No. 3240, a limestone 5 x 9 x 10 inches exposed with a substantial mound of stone alongside; chiseled C 1 3693, H 1 2463, S 2 3240 with cross on top for exact corner point, whence,

The corner to sections 22-23-26-27 T. 16 N. R. 2 E. brs. S. 84°-56'-15"E. 4811.8 feet.

A limestone rock in place 1 x 1.5 x 0.5 feet exposed and chiseled BxR C 1 3693, H 1 2463, S 2 3240 brs. N. 79°-11'E. 13.5 feet.

Thence N. 11°-33'W.

- 2.9 Intersect line 3-4 Harold lode Sur. No. 2463, N. 46°-40'E. 988.9 feet from Cor. No. 3
- 106.0 cross old road brs. north and south.
- 312.0 cross old road brs. southeast to northwest.
- 348.5 West Center end Sunrise lode Sur. No. 3240, a mound of stone.
- 352.5 EAST CENTER END, A mound of stone.
- 685.2 Witness corner to Cor. No. 3 Sunrise lode Sur. No. 3240, a limestone reef properly chiseled.
- 697.1 Point for Cor. No. 3 Sunrise lode Sur. No. 3240, where I intersected line 1-2 Fraction Lode Sur. No. 3240 N. 47°-43'E. 337.7 feet from point for Cor. No. 2 of said lode.
- 705.0 TO COR. NO. 2, identical with Cor. No. 2 Humboldt lode Sur. No. 2463, a limestone 6 x 8 x 12 inches exposed, with a substantial mound of stone alongside; chiseled C 2 3693, H 2 2463 with cross on top for exact corner point, whence,
- A limestone reef 2' x 3 x 0.5 ft exposed and chiseled BxR S 3 3240, H 2 2463 brs. S. 35°-05'W. 6.1 feet.
- Thence S. 46°-34'-30"W.
- 341.8 Point for Cor. No. 2 Fraction lode identical with Cor. No. 1 Victory lode both Sur. No. 3240, on old wagon road brs. northwest to southeast.
- 1503.1 TO COR. NO. 3 identical with Cor. No. 2 Harry J lode of this survey, and Cors. No. 2 and 3 Vernon and Humboldt lodes

respectively both survey No. 2463, located on line 1-2 Victory lode Sur. No. 3240, S. 46°-34'-30"W. 1151.3 feet from Cor. No. 1, a limestone 6 x 6 x 6 inches exposed with a substantial mound of stone alongside; chiseled C 3, H J 2 3693 with cross on top for exact corner point, whence,

A limestone reef 0.5 feet exposed and chiseled BxR C 3 3693 brs. S. 46°-57'W. 6.0 ft.

Cor. No. 2 Victory Lode Sur. No. 3240 brs. S. 46°-34'-30"W. 339.1 feet.

Thence S. 11°-33'E.

346.5 WEST CENTER END, IDENTICAL WITH EAST CENTER END Harry J lode of this survey, a mound of stone.

697.7 TO COR. NO. 4, identical with Cor. No. 1 Harry J Lode of this survey, and Cors. No. 1 and 4 respectively of the Vernon and Humboldt lodes, both Sur. No. 2463, and located on line ~~3-4~~ Virginia lode Sur. No. 2463, S. 46°-48'-30"W. 511.9 feet from Cor. No. ~~4~~, a limestone reef 1 x 1 x 0.3 feet exposed with a substantial mound of stone alongside; chiseled C 4 H J 1 3693, H 4 V 1 2463 with cross on top for exact corner point, whence,

A limestone reef one foot exposed and chiseled BxR V 1 2463, H J 1 3693, brs. S. 81°-02'W. 16.02 ft.

A limestone reef 0.5 feet exposed and chiseled C 4 3693, brs. S. 66°-01'W. 10.6 feet.

Thence N. 46°-48'-30"E.

314.0 Cross gulch, flows southerly.
511.9 Cor. No. 3 Harold lode identical with Cor. No. ~~4~~ Virginia lode both Sur. No. 2463, a sandstone 6 x 8 x 10 inches exposed properly marked.

711.0 In small gulch, flows southwesterly.

1445.0 Cross old road brs. north to south.

1499.3 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-15'E.

Harry J Lode.

Beginning at Cor. No. 1 identical with Cor. No. 4

Cactus lode of this survey, and Cors.No.1 and 4 of Vernon and Humboldt lodes Sur. No. 2463 respectively, previously described, and located on line ~~3-4~~²⁻³ Virginia lode Sur. No.2463, whence

The corner to sections 22-23-26-27 T. 16 N.R.2 E. brs. N.84°-09'-45"E. 5916.8 ft.

whence N.11°-33'W.

- 351.2 EAST CENTER END, identical with west center end cactus lode of this survey, previously described.
- 697.7 TO COR. NO.2 identical with Cor. No.3 cactus lode of this survey and Cors. No.2 and 3 respectively of the Vernon and Humboldt lodes Sur.No.2463 previously described, located on line 1-2 Victory lode Sur.No.3240 N.46°-34'-30"E. 339.1 feet from Cor. No.2.

Thence S.46°-56'W.

~~336.58~~
~~337.53~~

Intersect line 2-3 Victory lode Sur.No.3240 N.6°-44'E. ~~3.29~~
~~2.65~~ feet from Cor. No.2.

- 1494.1 TO COR. NO.3 identical with Cor.No.3 Vernon lode Sur.No. 2463, where it was impracticable to reset the stone more substantially, due to bed rock, so I established a witness corner S.11°-33'E. 10.6 feet, a limestone reef two feet exposed and chiseled W C H J 3 3693 with cross on top for exact corner point. From the true corner point,

A limestone reef two feet exposed and chiseled BxR V No.3 2463, H J 3 3693 brs. N.27°-30'E. 32.0 ft.

A limestone reef three feet exposed and chiseled BxR V No.3 2463, H J 3 3693 brs. N.4°-22'E. 33.64 ft.

Cor. No.5 Enchanter No.2 lode Sur. No. 2809 brs. S.58°-46'W. 453.5 feet.

Thence S.11°-33'E. from true cor.Pt.

- 10.6 Witness corner to Cor.No.3 Harry J lode, previously described.

321.0 Cross state highway, brs. east and west.

291.8 Intersect line 5-1 Enchanter No.2 lode Sur.No.2809, S.83°-31'E. 449.1 feet from Cor. No.5

350.2 WEST CENTER END, a mound of stone.

400.0 Center of Walnut Creek, flows easterly.
 701.4 TO COR. NO.4 identical with Cor. No.4 vernon lode Sur.No. 2463, a limestone 5 x 8 x 12 inches exposed with a substantial mound of stone alongside; chiseled H J 4 3693 with cross on top for exact corner point, whence,

A limestone reef two feet exposed and chiseled BxR V No.4 2463 H J 4 3693 brs. S.46°-48'-30"W. 4.0 ft.

Thence N. 46°-48'-30"E.

420.0 center of Walnut creek, flows easterly.

510.9 intersect line 5-1 Enchanter No.2 lode Sur.No. 2809; S.83°-31'E. 906.5 feet from Cor. No.5.

555.8 Cor. No.3 Virginia lode Sur. No.2463, a limestone 6x8x10 inches exposed, properly marked.

611.0 Cross state highway, brs. east and west.

1496.0 TO THE PLACE OF BEGINNING. All corners are identical with their respective locations. Variation at all corners 15°-15'E.

LODE LINES

As near as can be determined from the present developments, the veins on the respective lodes extend as follows from the discoveries;

Cactus lode

S.46°-46'W. 1430.0^{ft.} and N.46°-46'E. 70.0 ft.

Harry J lode

S.46°-48'-30"W. 1412 ft and N.46°-48'-30"E. 84.0 ft.

AREAS

Cactus lode

	acres	Acres
Total area - - - - -		20.551
Area in conflict with		
Harold lode Sur.No.2463	0.028	
Humboldt lode Sur.No.2463	20.551	
Fraction lode Sur.No.3240	.027	
fraction lode Sur.No.3240, exclusive of its conflict with Humboldt lode Sur. No.2463	00.000	
Harold lode Sur.No.2463, exclusive of its conflict with Humboldt lode Sur.No.2463	00.000	

Harry J lode

Total area - - - - - 20.454

	Acres	Acres
Area in conflict with Vernon lode Sur.No.2463 Enchanter Lode No.2 Sur.No.	20.454	
2809		2.045
Enchanter No.2 lode Sur.No.		.000
2809 exclusive of its conflict with vernon lode Sur.No.2463	00.000	
Victory lode Sur.No.3240		.008
Victory lode Sur.No.3240		
exclusive of its conflict with vernon lode Sur.No.2463	00.000	

LOCATION

This survey is located in ^{21,22,27 &} sec²⁸ unsurveyed, T.16 N.R.
2 E. of the Gila and Salt River Base and meridian, within
the Prescott National Forest, Verde Mining District, Yavapai
County, State of Arizona.

EXPENDITURE OF FIVE HUNDRED DOLLARS

I hereby certify that the value of the labor and improve-
ments made upon or for the benefit of the locations embraced
in this survey by the claimant or its grantors is not less
than five hundred dollars, and that said improvements
consist of;

Cactus lode

No.1 Discovery cut and tunnel, the mouth of which brs.
S.46°-46'W. 70 feet from the East center end, 4 x 6 x 36
ft long, the last ten feet of this tunnel is new work.

value 10 ft. \$100.00

No.2 cut and tunnel, the mouth of cut brs. N.41°-
50'E. 319 ft. from the west center end 4 x 6 x 30 ft, the
last ten feet of this tunnel being new work.

Value 10 ft. \$100.00

No.3 cut and tunnel, the mouth of cut brs. N.73° E.
93.0 ft from the west center end, cut 4 x 18 x 9 foot face,
tunnel 4 x 6 x 45 ft long,

Value cut \$150.00
tunnel \$75.00

To be accredited to this lode is an equal undivided
one half interest in improvement No.3, above described,
and run as a common improvement.

value \$412.50

Harry J lode

No.1 discovery shaft , the center of which brs. S.46° -48'-30"W. 84 ft from the east center end, 5 x6 x8 ft deep
value \$ 100.00

No.2 cut and tunnel, the mouth of cut brs. S.85°-40'W 69 ft from the east center end.4 x 6 x 30 ft long, the last ten feet being new work
Value 10 ft. \$ 100.00

To be accredited to this lode is an equal undivided 1/2 interest in improvement No.3 cactus lode,heretofore described.
Value \$ 412.50

COMMON IMPROVEMENTS

Tunnel No.3 Cactus lode of this survey was run to develop the two locations of this survey. It is situated in a gulch approximately two hundred feet lower than the highest point on the Harry J lode, in which direction it was driven. Drifts and cross-cuts run from this tunnel could develop all veins intercepted and traversing these lodes. I consider this improvement a common improvement and of such character as to redound to the benefit of the cactus and Harry J Lodes of this survey.

Total value of the common improvement heretofore described ~~Value~~ \$825.00

equal undivided 1/2 interest in the above mentioned improvement value \$412.50

OTHER IMPROVEMENTS

Harry J lode
A cut filled with rock from improvement No.3 brs. N.68°-30'W. 42 ft. from the east center end.

cactus lode
A cut,badly caved, brs. N.41°-50'E. 85 ft. from the west center end.

ADJOINING CLAIMS

This survey is bounded on the north by U.S.Land and the Victory and fraction lodes Sur.No.3240 United Verde Extension Mining Company,claimant, on the east by the

Sunrise lode Sur.No.3240 United Verde Extension Mining Company, claimant and the Harold and Virginia lodes Sur. No.2463 Verde Grande Copper Company, claimant and on the south by the Enchanter No.2 lode Sur.No.2809, United Verde Copper Company claimant and U.S. land. This survey overlies the Humboldt and Vernon lodes of Sur.No. 2463.

INSTRUMENT

This survey was made with a Lietz Light Mountain transit theodolite.No.13-5929. The courses were deflected from the true meridian as determined by the use of the Saegmuller Solar attachment. The distances were measured with a 500 foot steel tape.

REPORT

The corner to sections 22-23-26-27 is an iron pipe with brass cap properly marked.

Sur.No.3240

The corners adjoining this survey are stones properly set and chiseled with the number of the corner and survey. I do not agree with the tie line from Sur.No.3240 to Cor. No.3 Humboldt lode Sur.No.2463, nor the lines of the Humboldt and Vernon lodes as reported in said survey. Cor. No.3 Humboldt was not in its proper position at that time, as reported in said survey.

Sur.No.2463

The corners of this survey are stones properly set and chiseled with the number of the corner and survey. Cor.No. 3 Humboldt, according to original notes, was a limestone cropping, but I was unable to decipher the markings. Its position with relation to the monument satisfied me as to its identity. Cor.No.4 Vernon was broken off, but I was able to identify the stone from the bearing rock. No markings were clearly deciphered. I do not agree with the course or distances of any of the lines of this survey. This survey is identical with Sur.No.3693 in every respect. I find line 3-4 Virginia lode to be N.46°-48'-30"E. 1452.1 ft. I find the course of line 3-4 Harold lode to be N.46°-40'E. and that

Cor. No.1 of the Humboldt lode of said survey does not fall on line 3-4 Harold lode as reported in said survey.

Sur.No.2809

The corners of this survey are concrete monuments in which pipe and brass plates have been set, marked with the number of the corner and survey. I do not agree with the course and distance of line 5-1 of this survey. I find the line to be S.83°-31'E. 1499.1 ft.

The discrepancies found existing between the claim as marked by the location monuments and as described in the location notices are due to errors in the location notices.

The discrepancies between the lines of this survey and prior approved surveys are due to errors in the latter.

J. William Waara
U. S. MINERAL SURVEYOR

4125102

I, J. William Waara, U. S. Mineral Surveyor, do solemnly swear that Pete Pasovich assisted me 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 United Verde Extension Mining Company, known as the Harry J and Cactus lodes, and acted in the capacity of chainman. I was unable to get the services of a Notary Public to execute the "Final Oath of Assistant", upon date of completion of the survey, nor the day thereafter. I made arrangements to have Pete Pasovich call for his wages and execute the oath a day later, but he did not appear at my office and I have not been able to get in touch with him since. I visited Jerome Arizona where he resided and was notified that he had left his residence, without leaving his address, nor advising when he would return. I am unable to obtain the affidavit of said assistant, and the above facts are the circumstances which have made it impossible to secure the same.

J. William Waara
U. S. MINERAL SURVEYOR

Subscribed and sworn to by the said J. William Waara, U. S. Mineral Surveyor, before me *E. F. Horne a Notary*
Public in & for Yavapai Co, Arizona THIS *24th*
day of *MAY* 1921

E. F. Horne
Notary Public

My commission expires. *Apr 7th 1923*

FINAL OATH OF U. S. MINERAL SURVEYOR.

I, J. WILLIAM WAARA, U. S. Mineral Surveyor,
do solemnly swear that, in pursuance of instructions received from the United States
Surveyor General for ARIZONA, dated
Jan. 3 1921, 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 UNITED VERDE EXTENSION MINING COMPANY,
known as the
HARRY J and CACTUS lodes,
situate in VERDE Mining District,
YAVAPAI County, ARIZONA, in Sections 21, 22, 27 &
28 unsurf., Township No. 16 N., Range No. 2 E.,
and designated as Survey No. 3693, 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.

J. William Waara
U. S. Mineral Surveyor.

Subscribed and sworn to by the said J. WILLIAM WAARA
U. S. Mineral Surveyor, before me J. G. Brown
this 27
day of JANUARY, 19 21

J. G. Brown
NOTARY PUBLIC

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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

May 26, 19 21

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

United Verde Extension Mining Co.

known as the CACTUS and HARRY J. lodes

situate in Verde

Mining District, Yavapai County, Arizona

in Sections 21, 22, 27, & 28 Unsur. Township No. 16 N., Range No. 2 E., and

designated as Survey No. 3693, 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 claims by claimant or its grantors, and that said improvements consist of 1 shaft, 1 cut and tunnel, and 30 additional feet of tunnel, total value \$1225.

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 P. Trott

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.

May 26, 1921

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

United Verde Extension Mining Co.

, known as the

CACTUS and HARRY J. Lodes

situate in Verde mining district,

Yavapai County, Arizona

Unsur.,

in Sections 21, 22, 27 & 28, Township No. 16 N., Range No. 2 E.

, designated as Survey No. 3693

executed by J. William Waara, U. S. Mineral

Surveyor, Jan. 9 - 15, 1921, under my instructions dated

January 3, 1921, 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. 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.

[Handwritten signature]

U. S. Surveyor General for Arizona.