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Filed 11-16-1901

(4-683.)

Mineral Survey No. 1609

Lot No. _____

Prescott Land District.

FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

The Oriental Mining Co.
for W. A. Kent & Sons.

KNOWN AS THE

Polar Star Lode

Big Bug Mining District,

Yuma County, Arizona

Section 1, Township 12 N, Range 1 E

Surveyed under instructions dated Oct 28th, 181901

by William A. Merrill

U. S. Deputy Mineral Surveyor.

Claim located January 15th, 1894

Survey commenced Oct 31st 1901, 18

Survey completed Oct 31st 1901, 18

6-160

Address of Claimant
W. A. Kent, Sr.
Providence
Arizona

Preliminary Oaths of Assistants in Survey of Mining Claim.



W. H. Meritt and
do solemnly swear that we will well and faithfully execute the duties of chain carrier;
that we will level the chain upon even and uneven ground, and plumb the tally-pins, either
by sticking or dropping the same; that we will report the true distance to all notable
objects, and the true length of all lines that we assist in measuring, to the best of our
skill and ability, and in accordance with instructions given us, in the survey of the Mining
Claim of *the Arroyo del Muerto*

....., known as the

.....
situate in the *Patagonia* mining district,

Yuma County, *Arizona*

in Section Township No. Range No.

W. H. Meritt, Chainman.

....., Chainman.

Subscribed and sworn to by the above-named persons before

me, this *30th* day of *Oct*, 190*1*, 18.....

W. H. Meritt
My commission expires Sept. 15 1905

W. H. Meritt

I,, do solemnly swear that I will well
and truly perform the duties of axeman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey
of the Mining Claim of

....., known as the.....

more fully described in the preceding affidavit.

....., Axeman.

Subscribed and sworn to by the said.....

..... before me, this..... day of

..... 18.....

I,, do solemnly swear that I will well
and truly perform the duties of flagman, in the establishment of corners and other duties,
according to instructions given me and to the best of my skill and ability, in the survey of
the Mining Claim of

more fully described in the preceding affidavit.

....., Flagman.

Subscribed and sworn to by the said.....

..... before me, this..... day of

..... 18.....

Preliminary Oaths of Assistants in Survey of Mining Claim.

.....*Mining Claim,*

County of.....

SURVEY No 1609 POLAR STAR LODGE.

Feet Beginning at Cor. No.1
 Identical with the N.E.Cor. of the loc.
 A slate stone 4X6 X24 ins. set 12 ins. in the ground
 chiseled 1 P.S.1609 with mound of stones alongside
 Whence:
 Cor. to Sec.1T.13.N.R.1.W.sec.6.T.13.N.R.1.E. sec.
 36 T.13.N.R.1.W and sec.31.T.13.N.R.1.E brs.
 N 31°.03'E 7536.6 feet.
 No other bearings available.

Thence S 65°.15'W
 Va. 14°.E

1074 To Cor. No. 2.
 Identical with the Cor. of the loc.and with Cor. No
 5 of Sur. No. ~~1266~~ ^{Seventy Nine} 7# lode
 A porphyry stone 8X14X12 ins. above the ground, chiseled
 2 P.S.1609 on the side facing this lode, with mound
 of stones alongside.
 No bearings available.

Thence S 33°.31'W
 Va. 14°.E

300 Mon. Cr. of West end of lode.

600 To Cor. No. 3.
 Identical with the Cor. of the loc.and with Cor. No.
 3 of Sur. No. ~~1266~~ ^{Seventy Nine} 7# lode.
 A X.3.P.S.1609 chiseled on rock in place showing
 4X4X3 ft. above the ground, with mound of stones
 alongside. No bearings available.

Thence N 63°.55'E
 Va. 14°.E

1071 To Cor. No.4.
 Identical with the Cor. of the loc.
 A porphyry stone 10X10X24 ins. set 12 ins. in the
 ground chiseled 4.P.S.1609. with mound of stones
 alongside. Whence:
 A Pine tree 7 ins. diam. scribed X B.T.4.P.S.1609
 brs. N 63°.10'E 17.2 feet.
 No other bearings available.

Feet Thence N 32°.21'W
 Va 14°.E
 275 Mon. Cr. of the East end line of the lode.
 575 To Cor. No. 1 the place of beginning.

AREA.

Total and net area of the Polar Star lode is 14.353 Acres

The ledge brs. S 65°.15'W 1074 ft. from the mon. at the Cr. of the East end line.

This claim is located on unsurveyed land approximately in sec. 11. T. 12. N. R. 1. W. G. & S. R. B. & M. Yavapai Co. Arizona.

on Big Bay Mining & Mt
ADJOINING CLAIMS

Seventy Nine
This claim is bounded on the S.W. by Sur. No. 1266 ~~#3~~ lode. U.S. land bounds the rest of this claim

EXPENDITURE OF FIVE HUNDRED DOLLARS.

I Certify that the value of the labor and the improvements upon this claim, placed thereon by the claimant and ~~its~~ grantors, is not less than five hundred dollars, and that said improvements consists of:

- No. 1 ^{*Shaft*} Shaft the Cr. of which brs. from Cor. No. 4 S 32°.05'W 596 ft. 4X6X100 ft. deep value \$1000.00
- No. 2 Tunnel the mouth of which brs from Cor. No. 1 S 47°.15'W 506 ft. 5X7X135 ft. long. course S 20°.30'E value. \$1480.00

INSTRUMENT.

This survey was made with a Gurley Light Mountain Solar Transit. The courses were deflected from the true meridian as determined by direct solar observations. The distances were measured with 100-ft. and 200-ft. steel tapes.

William H. Messitt...
U.S. Dep. Mineral Surveyor.
Prescott Arizona

FINAL OATHS FOR SURVEYS. 5

LIST OF NAMES.

A list of the names of the individuals employed by W.C. Merritt
 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 Oriental Mining Co
 known as the Polar Star Lode
 and showing the respective capacities in which they acted.

A.C. Merritt, Chairman.
 _____, Chairman.
 _____, Assan.
 _____, Flagman.

FINAL OATHS OF ASSISTANTS.

We, A.C. Merritt
 and _____, do solemnly swear that we assisted William
A. Merritt, United States Deputy Mineral Surveyor, in marking the corners and
 surveying the boundaries of the mining claim of The Oriental
Mining Co
 _____, known as the _____
Polar Star Lode, 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

A.C. Merritt, Chairman.
 _____; Chairman.
 _____, Assan.
 _____, Flagman.

W.H. Merritt

Subscribed and sworn to by the above-named persons before me
 this 3/15 day of Oct, 1901

W.C. Merritt
Notary Public
My Comm. exp. July 15th 1905

I William H. Merritt U.S. Deputy Mineral Surveyor,
do solemnly swear that, in pursuance of instructions
received from the United States Surveyor General for
Arizona, dated October 28th. 1901, I have, in strict
conformity to the laws of the United States, the offic-
ial regulations and instructions thereunder, and the in-
structions of said Surveyor General, faithfully and cor-
rectly executed the survey of the Mining Claim of
The Oriental Mining Company.
known as the Polar Star lode.
Situating in Big Bug Mining District,
Yavapai County, Arizona, Territory,
and designated as Survey No. 1609, 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 location certificate, which was received by me
from the Surveyor General with said instructions, and
that all the corners of said survey have been estab-
lished 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 claimants
or their 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.

William H. Merritt.....
U.S. Deputy Mineral Surveyor.

Subscribed and sworn to by the said William H. Merritt.
U.S. Deputy Mineral Surveyor, before me, a Notary Public
in and for Yavapai County, A.T. this fourth....
day of November 1901.

Leba O. Brown.....
Notary Public

my Commission
Expires Nov. 2-1905

Affidavit of Five Hundred Dollars Improvements.

Residents of Arizona }
COUNTY OF *Yavapai* } ss.

U. L. Carpenter
and *John Brooks*
of lawful age, being duly sworn, according to law, depose and say, that each for himself, and not one for the other, that he is acquainted with the *Lead or Silver Lode*

Mining Claim, in *Big Boy* Mining District,
County and *Maricopa* aforesaid, for which
The Oriental Mining Co.

has made application for patent under the provisions of Chapter VI., of Title Thirty-two, Revised Statutes of the United States, and that the labor done, and improvements made thereon by the applicant and his grantors, exceed Five Hundred Dollars, in value, and said improvements consist of *but there are no other persons*
actually interested in said mine.

U. L. Carpenter
John Brooks

Subscribed and sworn to before me, this }
day of *Oct* 190*5*, 189*5* }

W. H. Merritt

W. H. Merritt
Notary Public
My Commission Expires July 15th 1905

U. S. Mining Account, May 10, 1872.

**Affidavit of Five Hundred
Dollars Improvements.**

POLAR STAR.

NOTICE OF LOCATION.

Know all men by these presents:

That we, the undersigned, have this day located Fifteen Hundred(1500)linear feet of this vein or lode, bearing precious metals, with all dips, spurs, angles and variations, with surface ground Three Hundred(300)feet on each side of the center of vein, with all Mineral Deposits contained therein, and all timber growing within the limits of said claim, and all water and water privileges thereon or appurtenant thereto, under and according to the provisions of the Mining Laws of the United States, under which it is located.

This claim commences at this monument and notice placed upon the ledge, and runs Fifteen Hundred(1500)feet in a Northerly direction along the ledge.

The Exterior boundaries are as follows, viz:

Commencing at this monument and notice, and running Three Hundred(300)feet in an easterly direction to monument at S.E. corner of claim; thence in a northerly direction parallel with the ledge Fifteen Hundred(1500)feet to monument at N.E. corner of claim; thence in a westerly direction at right angles across the ledge Six Hundred (300)feet to monument at N.W. corner of claim; thence parallel with the lode in a southerly direction Fifteen Hundred(1500)feet to monument at S.W. corner of claim; thence at right angles across the ledge in an easterly direction Three Hundred(300)feet to monument upon the ledge and place of beginning.

This ledge may be more generally described as situated on the South side of Dig Bug Creek about two miles above Dennis Millers house and is the Northerly extension of the 79 mine, in Big Bug Mining District, Yavapai County, Arizona Territory, and shall be known as the Polar Star Mining Claim.

Dated on the ground, this 1st day of January 1894.

J.R. Slack, James H. Slack,
George Whittaker.

Recorded at request of J.R. Slack Jan'y 25th A.D. 1894, at 9 o'clock a.m., in Book 37 of Mines, page 92, records of Yavapai County, Arizona.

(Seal) Alex O. Brodie,
County Recorder.

By F.A. Trittle,
Deputy.

TERRITORY OF ARIZONA,)
County of Yavapai.) SS:

I, P. J. FARLEY, County Recorder in and for the County of Yavapai, in the Territory of Arizona, and custodian of the records thereof, do hereby certify that I have compared the above and foregoing with, and the same is a full, true and correct copy of the notice of location of the "POLAR STAR" Mining Claim, as the same appears of record in Book 37 of Mines, page 92, records of Yavapai County, Arizona.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal, this 7th day of October, A.D. 1901.

P. J. Farley
County Recorder.

Surveyor General's Certificate of Approval of Field Notes and Survey of Mining Claim.

Department of the Interior,

Office of U. S. Surveyor General,

Fuson, Arizona

Feb'y. 18, 190*2*

I, U. S. Surveyor General for *Dist. of Arizona*,

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

The Oriental Mining Co.

....., known as the

Polar Star Code

situate in *Big Bug* mining district,

Yavapai County, *Arizona*

in Section, Township No., Range No.

....., designated as Survey No. *1609*

executed by *William H. Murritt*, U. S. Deputy Mineral

Surveyor, *October 31st*, 190*1*, under my instructions dated

October 28, 190*1*, have been critically examined and the

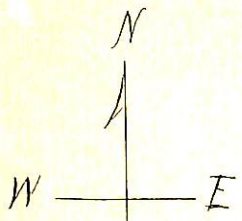
necessary corrections and explanations made, and the said Field Notes and Return, and

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.

Hugh H. Price
Arizona

U. S. Surveyor General for



Seventy Nine
 79. LODE
 SUR. No 1266.

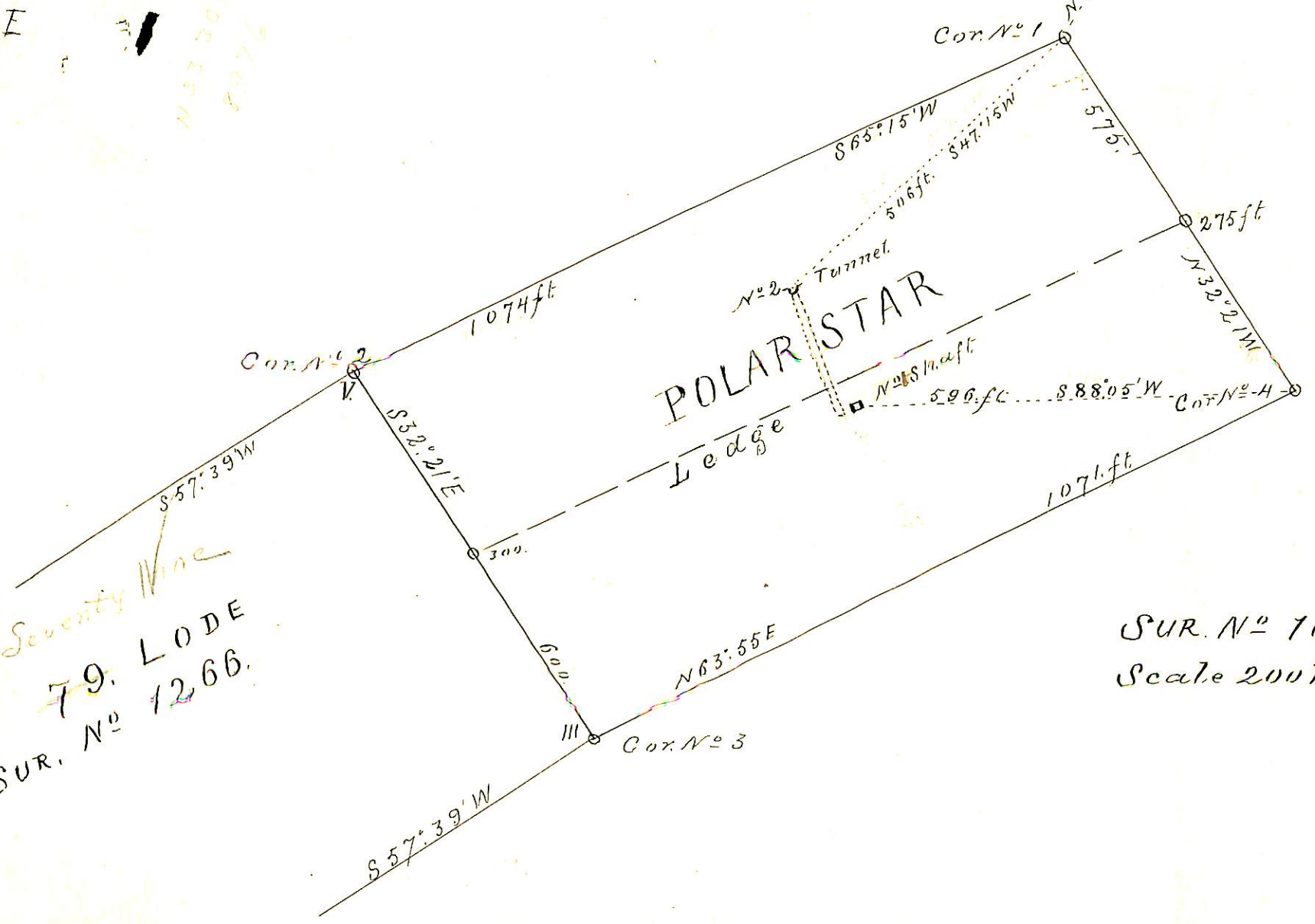
Cor. No 2

Cor. No 1

POLAR STAR
 Leage

Cor. No 3

To Cor. Sec. 1. T. 12 N. R. 1 W
 " " 6 " " " " 1 E
 " " 36 " 13 " " 1 W
 " " 31 " " " " 1 E



SUR. No 1609,
 Scale 200 Feet to One Inch