

1  
MAY 15 1909  
MAY 28 1909  
JUN 23 1909

4-683.

MINERAL SURVEY No. 2624

LOT No. \_\_\_\_\_

Arizona Land District.

### FIELD NOTES

OF THE SURVEY OF THE MINING CLAIM OF

H. K. Behm

KNOWN AS THE

Arroyo

Big Bug Mining District,

Yavapai County, Arizona

Section 25 & 36 77, Township 13 N, Range 1 W Unsur.  
30 & 31, Township 13 N, Range 1 E

Part on Prescott National Forest  
Surveyed under instructions dated Feb 8, 1909

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

Claim located See location notice, 19

Survey commenced April 26<sup>th</sup>, 1909

Survey completed .. .., 1909

6-822

Address of Claimant  
H. K. Behm  
Prescott Arizona



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Survey No. 2624 ARROYO LODE.

Feet . Beginning at Cor.No.1 .  
 A Granite stone 4X8X24 ins.set 12 ins.in the ground with mound of stones ,chiseled 1-A-2624 ,Whence:-  
 Standard Cor.of Twp.13 N.R.1.E & 1 W brs. S 9°42'E 4945.04 ft.  
 Location cor.a monument of stones 2 X 2 ft.brs.S 52°W 75.ft.  
 No bearings available.

Thence N 68°23'E

403.75 Intersect line 1-2 sur.No.1499 Arroyo lode at S 41°42'W  
 1077.51 ft.from cor.No.1  
 896.21 Intersect the G.& S.R.Meridian at South 2621.25 ft.to 1/4  
 T. 13 N., R.  
 Cor.between secs 31 & 36, 1 E & 1 W.and North 18.75 to Cor.  
 to secs 25,36,30 & 31 T 13 N.R.1E & 1 W.  
 964.09 Intersect line 1-2 Sur.No.1499 Opportunity lode ,at S. 39°08 W  
 61.43 ft.from cor.No.1 ,identical with cor.No.2 Sur.No.  
 1499 New Year lode.A Granite stone 6X8X12 ins.above the  
 ground with mound of stanes ,chiseled 0-1,N-Y-2-1499.

1035.29 Intersect line 1-4 sur.No.1499 Opportunity lode ,identical  
 with line 2-3 Sur.No.1499 New Year lode at S52°E 34.8 ft.  
 1499.58 from Cor.No.1 Opportunity lode ,and Cor.No.2 New Year lode

1263.07 Intersect line 3-4 Sur.No.1499 Arroyo lode at S 38°W  
 334.47 ft.from Cor.No.4

1426.58 To Cor.No.2  
 Identical with the location.  
 A granite stone 3 X 8 X 24 ins.set 12 ins.in the ground  
 with mound of stones ,chiseled A-2-2624.  
 No bearings available.Loc.cor.mon.of stones 2X2 feet.

Thence N.18°10'W

99.56 Intersect line 3-4-sur.No.1499 Arroyo lode at S 38°W 137.99  
 feet from cor.No.4.  
 To E. C. End,

214. Whence loc.for E.C.End ,monument of stones 2X3 ft.high  
 brs.N 71°50'E 85.ft.

280.16 Intersect line 1-2 sur.No.1499 New Year lode at N 38°E  
 493.55 feet from cor.No.2

To Cor.No.3  
 Identical with the loc.



2,

3

Survey No. 2624 Arroyo lode continued

347.39 Intersect line 4-1 sur. No. 1499 Arroyo lode at S 52.° E 159.14 ft. from cor. No. 1

514. To Cor. No. 3. Identical with the loc.

A granite stone 6 X 8 X 24 ins. set 12 ins. in the ground with mound of stones, chiseled A-3-2624. Loc. cor. monument of stones 2 X 3 ft. high. No bearings available.

Thence S. 70° 40' W

38° 06' Intersect line 1-2 sur. No. 1125 Little Jessie lode at N 49° 57' E 602.28 ft. from cor. No. 2 Identical with cor. No. 1 sur. No. 1126 Little Grace lode. A granite stone 4 X 11 X 24 ins. set in mound of stones, chiseled L-J-2-1125, L-G-1-1126

352.65 G. & S. R. Meridian at South 548.28 ft. to cor. to secs 30 & 31 & 25 & 36 T. 13 N. R. 1 E & 1 W. and North 2091.72 ft. to 1/4 sec. cor. between secs. 25 & 30 T. 13. N. R. 1 E. & R. 1. W. a mound of stones.

646.36 Intersect line 2-3-Sur. No. 1125 Little Jessie lode, at N 31° 15' W 217.75 ft. from Cor. No. 2, and Cor. No. 1 respectively. *and line 1-4 Sur. No. 1126, Little Grace lode*

1424.28 To Cor. No. 4. A granite stone 4 X 10 X 24 ins. set 12 ins. in the ground with mound of stones chiseled A-4-2624. Loc. cor. a monument of stones 2 X 2 ft. which bears N 79° W 110 ft. No bearings available.

Thence S 18° 10' E

173.88 Intersect line 1-2 Sur. No. 1126 Little Grace lode at S 73° 23' W 827.33 ft. from cor. No. 1

271. Identical with the loc. for W.C. End. a monument of stones 2 X 2 ft.

571 To Cor. No. 1 the place of beginning.

Variation at all corners 14° E

LODE LINE

As near as can be determined from the present developments the vein extends from the discovery point S 71° 50' W 666 ft. and N 71° 50' E 758 feet.



AREA.

Total area Arroyo lode .....17.735 Acres

Area in conflict with.

Sur.No.1499	Opportunity lode	0.024	acres
"	"	"	"
"	New Year lode	1.453	"
"	"	"	"
"	1125 Little Jessie lode	1.487	"
"	"	"	"
"	1126 Little Grace "	3.553	"
"	"	"	"
"	1499 Arroyo lode.	5.848	"
Common conflict Arroyo, this survey, Arroyo, Sur. 1499, New Year, Sur. 1499, 1.266 acres.			

ADJOINING CLAIMS

This claim is bounded on the North by sur.No.1126 Little Grace lode ,and sur.No.1125 Little Jessie lode ,on the East and South by sur.No.1499 Opportunity and New Year lodes , owned by H.K.Behn claimant hereof ,and U.S.Land ,and on the West by U.S.Land, conflicting on the East and South with the Arroyo lode, Sur. No. 1499.

Expenditure of five hundred dollars

I certify that the value of the improvements made upon this claim by the claimant or his grantor is not less than five hundred dollars ,and that said improvements consist of:

- No.1 dis.shaft is on the lode line 666.ft,from a point on line 4-1 300 ft.from cor.No.1,4 X 6 X12 ft. Value...\$100.00
- No.2 shaft which brs from cor.No.2 N 89°45'W 685 ft. 4 X 6 X 10 ft. Value \$100.00
- No.3 shaft which brs.from cor.No.2 N 88°15'W 640. ft. 4X 6X 25 ft.deep Value \$250.00
- No.4 shaft which brs.from cor.No.2 N 80°W 532 ft. 4 X 6 X 10 ft.deep Value \$100.00
- No.5 shaft which brs.from a point on line 2-3, 214 ft. from cor.No.2 S 71°W 210 ft.4 X 6 X 10 ft.Value. \$100.00
- No.6 shaft which brs.from point on line 2-3 214 ft. from cor.No.2 N 21°W 225 ft.4X6X10 ft. value.\$100.00
- No.7 shaft which brs.from point on line 2-3 214 ft. from cor.No.2 4 X 6 X 30 ft.S 68°.W 90 ft value \$300.00

INSTRUMENT

This survey was made with a Gurley Solar Transit.The courses were deflected from the true meridian as determined by



direct solar observations. The distances were measured with 100-ft. and 500-ft. steel tapes

#### LOCATION

This claim is located on unsurveyed land, approximately in secs. 25, 36 & 30 & 31 Twp. 13. N. R. 1 E. & 1 W. Part in Prescott National Forest, Big Bug Mining District Yavapai County Arizona.

#### Note:—

In tracing the meridian North from the standard cor. Twp. 13 N. R 1 E. & 1 W. at 7863.24 feet to mound of stones 1/4 sec. cor. between secs. 25 & 30. I established points for cor. to secs 25, 36 & 30 & 31 and 1/4 cor. between secs 31 and 36 at proportional distances on this line to the distances given in the official survey.

Note: As the corners of Survey No. 1499, Arroyo lode have been destroyed, the intersections of the lines of said survey were calculated from the official plat of said Survey No. 1499, Arroyo lode.

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



# FINAL OATHS FOR SURVEYS.

## LIST OF NAMES.

A list of the names of the individuals employed by William H. Merritt  
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 \_\_\_\_\_

\_\_\_\_\_ H. K. Behm  
known as the Arroyo  
and showing the respective capacities in which they acted.

\_\_\_\_\_  
R. L. Merritt, Chainman.  
\_\_\_\_\_, Chainman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

## FINAL OATHS OF ASSISTANTS.

We, R. L. Merritt  
and \_\_\_\_\_, do solemnly swear that we assisted William  
H. Merritt, United States Mineral Surveyor, in marking the corners and surveying  
the boundaries of the mining claim of H. K. Behm

known as the Arroyo  
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

\_\_\_\_\_, Chainman.  
R. L. Merritt, Chainman.  
\_\_\_\_\_, Axman.  
\_\_\_\_\_, Flagman.

Subscribed and sworn to by the above-named persons before me this 13<sup>th</sup>

day of May, 1909

My Commission Expires  
July 7<sup>th</sup> 1909

W. H. Merritt  
Notary Public



# FINAL OATH OF U. S. MINERAL SURVEYOR.

I, William H. Merritt, U. S. Mineral Surveyor,  
do solemnly swear that, in pursuance of instructions received from the United States  
Surveyor General for Arizona, dated  
Feb 8 - 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 H K Behm  
, known as the  
Acroyo  
situate in Big Bug Mining District,  
Yavapai County, Arizona, in Sections  
25 & 36 5, 13 N., R 1 W. 25 S.  
30 & 31, Township No. 13 N., Range No. 1 E.  
Part on Prescott National Forest  
and designated as Survey No. 2624, 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 his 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. Mineral Surveyor.

Subscribed and sworn to by the said William H. Merritt  
U. S. Mineral Surveyor, before me a Notary Public in and for  
Yavapai County A. T. this first  
day of May, 1909

Ziba O. Brown  
Notary Public

my Commission  
Expires Nov. 7 - 1909



Affidavit of Five Hundred Dollars Improvements.

We, J. R. Lowry and R. H. Burmeister

of lawful age, being first duly sworn according to law, depose and say: That we are

acquainted with the Arroyo mining claim,

situate in Big Bug Mining district, Yavapai County,

Arizona Territory, for which H. K. Behm

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 applicant and his grantors exceed Five Hundred Dollars in value, and further that we are not personally interested in said mine.

J. R. Lowry  
R. H. Burmeister

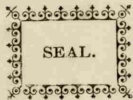
TERRITORY OF ARIZONA, }  
County of Yavapai } ss:

Sworn to and subscribed before me, this 22<sup>nd</sup>

day of May, 1909

J. M. Steuber

Notary Public





Arroyo.

Notice of Location

We the undersigned claim 1500 linear feet along this lode, ledge or deposit by 300 feet in width on each side of the center of the same, together with all its dips, spurs and angles, and is more particularly described as follows towit:

Commencing at this monument where this notice is posted and running 750 feet South Westerly to a mon of stone, thence 300 feet South Easterly to a mon of stone, thence 1500 feet North Easterly to a mon of stone, thence 600 feet North Westerly to a mon of stone, thence 1500 feet South Westerly to a mon of stone, thence 300 feet South Easterly to a mon of stone, being the Southwesterly center end mon of claim.

This claim is situated in Big Bug Mining District, Yavapai Co. Ariz. and is parallel with and adjoining the "Little Jessie" Mine on the Southerly side line of said "Little Jessie" mine and shall be known as the Arroyo Mining Claim.

Dated on the ground this 16th day of May A.D. 1892.

C.O.Allen

Chas Rea

Jas Burke.

Locators.

Recorded at request of F.L.Wright June 14" A.D. 1892, at 10:10 O'clock A.M. in Book 34 of Mines pages 382 in Records of Yavapai County, Arizona.

(L.S.)

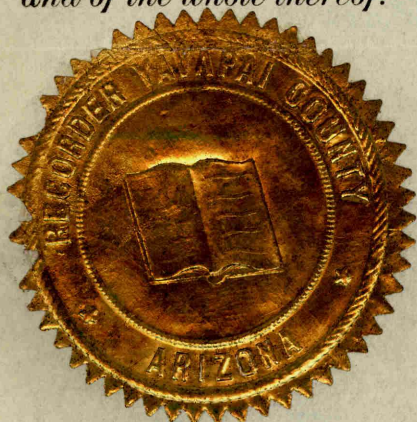
Charles H Akers.  
County Recorder

BY F.A.Tritle Jr.  
Deputy.



TERRITORY OF ARIZONA, }  
 COUNTY OF YAVAPAI, } ss.

I, J. C. Bradbury, County Recorder in and for the County of Yavapai, Territory of Arizona, and custodian of the records of such office, do hereby certify that I have compared the forgoing copy with, and that the same is a full, true and correct copy of the Notice of Location of the "Arroyo" lode mining claim, filed for record on June 14, A.D. 1892, and as the same appears of record in my office in Book 34 of Mines, at page 382, and of the whole thereof.



IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal this 22nd day of January, A. D., 1909.

*J. C. Bradbury,*  
 County Recorder



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

Department of the Interior,

OFFICE OF U. S. SURVEYOR-GENERAL,

Phoenix, Arizona,

September 9, 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

H. K. Behn

known as the ARROYO

situate in BIG BUG

Mining District, Yavapai County, Arizona.

in Sections 25 & 36 T. 13 N., R. 1 W., Unsur. 30 & 31, Township No. 13 N., Range No. 1 E., Unsur. and Part in Prescott National Forest.

designated as Survey No. 2624, 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 his grantors, and that said improvements consist of 7 shafts, total value \$1050.00

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,

September 9, 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

H. K. Behn

, known as the

ARROYO

situate in BIG BUG mining district,

Yavapai County, Arizona.

25 & 36, T. 13 N., 1 W., Unsur. in Sections 30 & 31, Township No. 13 N., Range No. 1 W., Unsur.

Part in Prescott National Forest.

, designated as Survey No. 2624

executed by William H. Merritt, U. S. Deputy Mineral

Surveyor, April 26, 1909, under my instructions dated

Feb. 8, 1909, 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. Lyall

U. S. Surveyor-General for Arizona.



